



1590 Solano Way
#A
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCSolutions.com

RECEIVED

2:57 pm, Apr 30, 2008

Alameda County
Environmental Health

April 30, 2008

Project No. 158630

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

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

RE: QUARTERLY GROUNDWATER MONITORING REPORT, FIRST QUARTER 2008

Dear Mr. Plunkett:

Enclosed is a copy of the *First Quarter 2008 Quarterly Groundwater Monitoring 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,


Jonathan Scheiner
Associate

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



1590 Solano Way
#A
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCSolutions.com

April 30, 2008

Project No. 158630

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 GROUNDWATER MONITORING REPORT, FIRST QUARTER 2008

Dear Mr. Karvelot:

This *First Quarter 2008 Quarterly Groundwater Monitoring Report* presents the results of the First Quarter 2008 fluid level monitoring and groundwater sampling at the above-referenced site (Figure 1). 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 onsite monitoring wells MW-1, MW-2, and MW-3 on March 18, 2008. Groundwater elevations averaged 127.29 feet above mean sea level (MSL). Groundwater flow direction was to the southwest at a gradient of 0.128 feet 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 the Appendix.

2.0 GROUNDWATER SAMPLING

On March 18, 2008, groundwater samples were collected from onsite wells MW-1, MW-2, and MW-3. Groundwater samples were submitted to a state-certified laboratory for analysis of total petroleum hydrocarbons as gasoline (TPH-G) by EPA Method SW8015B and for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE) by EPA Method SW8260B, and ethanol by EPA Method SW8260B-DI. Refer to Table 1 and Figure 3 for a summary of analytical results. General Field Procedures, Field Measurement Forms, Official Laboratory Reports, and Chain of Custody Records are included in the Appendix.

Approximately 55 gallons of purge water and equipment rinsate were generated during groundwater sampling activities conducted on March 18, 2008. The purge water was stored onsite in one Department of Transportation-approved 55-gallon drum pending disposal.

3.0 LIST OF ATTACHMENTS

- Figure 1: Vicinity Map
- Figure 2: Groundwater Elevation Contour Map, March 18, 2008
- Figure 3: Dissolved-Phase Hydrocarbon Concentrations, March 18, 2008
- Table 1: Summary of Groundwater Levels and Chemical Analysis
- Appendix: General Field Procedures, Field Measurement Forms, Official Laboratory Reports, and Chain of Custody Records

If you have any questions regarding this report, please call me at (925) 688-2473.

Sincerely,



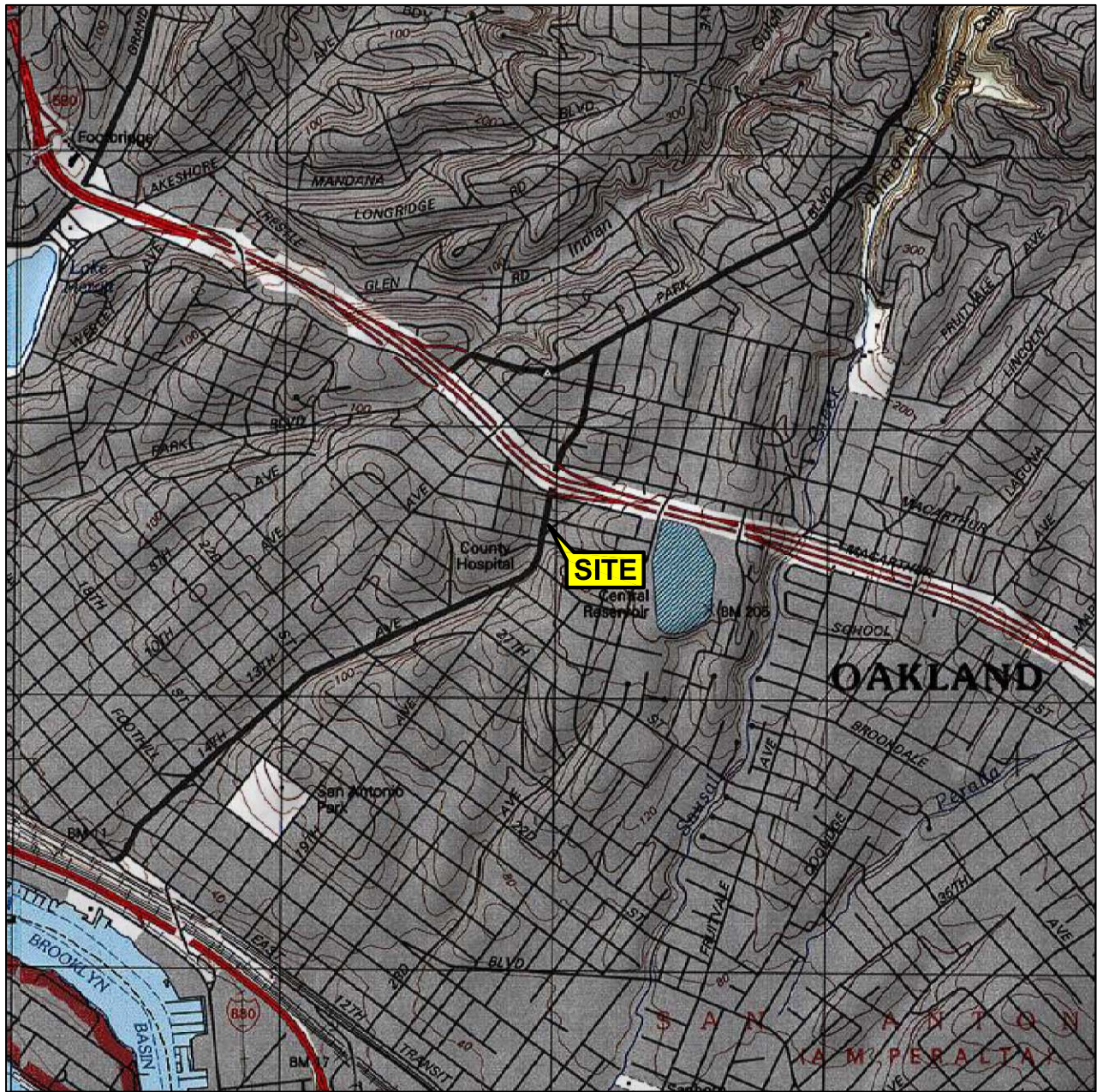
Jonathan Scheiner
Associate



Amy Wilson, Ph.D., P.E.
Senior Project Engineer



FIGURES



1 MILE 3/4 1/2 1/4 0 1 MILE



SCALE 1 : 24,000



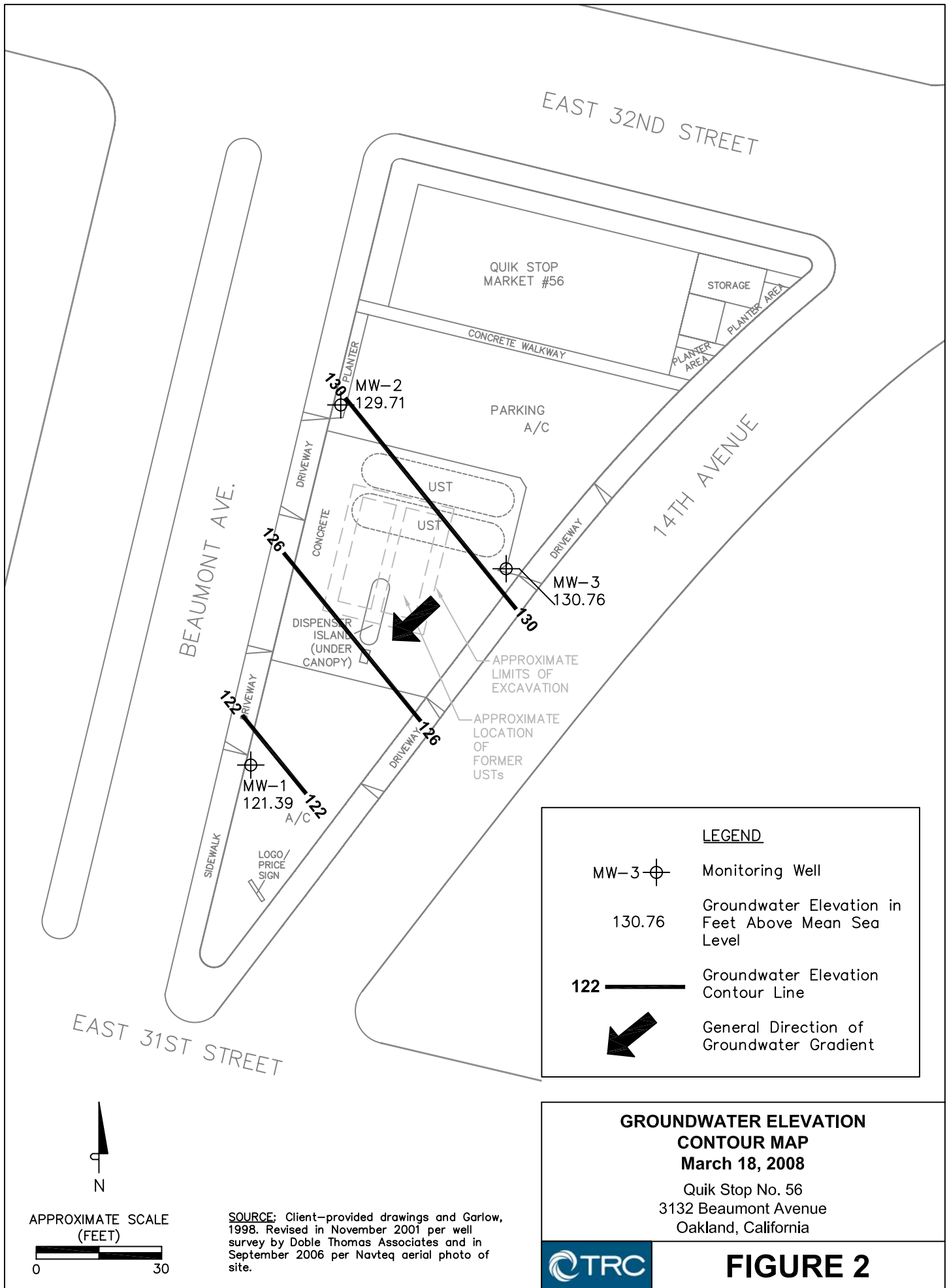
SOURCE:
 United States Geological Survey
 7.5 Minute Topographic Maps:
 Oakland East and
 Oakland West Quadrangles

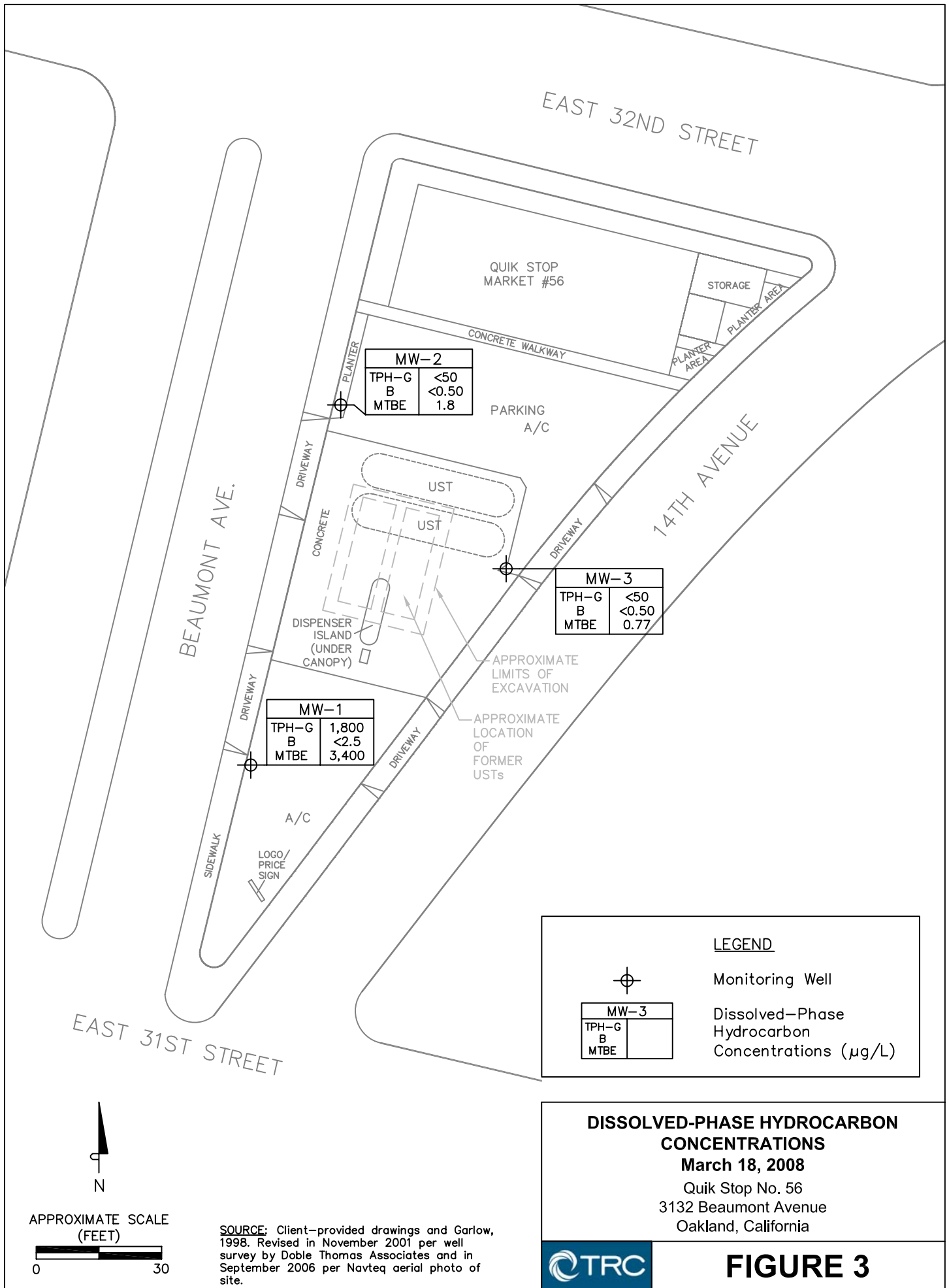
VICINITY MAP

Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California



FIGURE 1





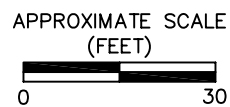
LEGEND

Monitoring Well

MW-3		
TPH-G		
B		
MTBE		

Dissolved-Phase Hydrocarbon Concentrations (µg/L)

DISSOLVED-PHASE HYDROCARBON CONCENTRATIONS
March 18, 2008
 Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California



SOURCE: Client-provided drawings and Garlow, 1998. Revised in November 2001 per well survey by Doble Thomas Associates and in September 2006 per Navteq aerial photo of site.



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 Water (feet)	Groundwater	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260 (µg/L)	Ethanol (mg/L)	DO (mg/L)
		Casing Elevation (ft-MSL)		Elevation (feet)								
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-1	04/25/01	131.58	12.06	119.52	12,000	<20	<20	<20	<20	17,000	—	0.39
MW-1	07/24/01	131.58	12.42	119.16	8,800	<13	<13	<13	<13	14,000	—	7.61
MW-1	11/08/01	131.58	12.00	119.58	18,000	<25	<25	<25	<25	28,000	—	—
MW-1	11/27/01	134.13	Well resurveyed to new reference point									
MW-1	02/05/02	134.13	10.99	123.14	28,000	<50	<50	<50	<50	44,000	—	—
MW-1	04/29/02	134.13	10.97	123.16	12,000	<25	<25	<25	<25	30,000	—	—
MW-1	07/29/02	134.13	10.20	123.93	16,000	<25	<25	<25	<25	22,000	—	—
MW-1	10/21/02	134.13	10.48	123.65	17,000	<50	<50	<50	<50	39,000	—	—
MW-1	03/05/03	134.13	8.94	125.19	40,000	<100	<100	<100	<100	69,000	—	—
MW-1	06/06/03	134.13	8.68	125.45	27,000	<50	<50	<50	<50	63,000	—	—
MW-1	09/05/03	134.13	9.21	124.92	28,000	<25	<25	<25	<25	51,000	—	—
MW-1	12/24/03	134.13	8.65	125.48	29,000	<50	<50	<50	<50	84,000	—	—
MW-1	03/25/04	134.13	8.66	125.47	39,000	<100	<100	<100	<100	72,000	—	—
MW-1	06/25/04	134.13	8.66	125.47	50,000	<100	<100	<100	<100	90,000	—	—
MW-1	09/16/04	134.13	9.02	125.11	30,000	<50	<50	<50	<50	75,000	—	—
MW-1	12/17/04	134.13	7.46	126.67	35,000	<50	<50	<50	<50	59,000	—	—
MW-1	03/10/05	134.13	7.17	126.96	14,000	<25	<25	<25	<25	33,000	—	—
MW-1	06/09/05	134.13	8.14	125.99	36,000	<50	<50	<50	<50	60,000	—	—
MW-1	09/13/05	134.13	12.64	121.49	<20,000	<100	<100	<100	<100	32,000	—	—
MW-1	12/06/05	134.13	11.40	122.73	<5,000	<25	<25	<25	<25	5,700	—	—
MW-1	03/29/06	134.13	10.51	123.62	16,000	<25	<25	<25	<25	23,000	—	—
MW-1	06/29/06	134.13	11.28	122.85	8,200	<15	<15	<15	<15	12,000	<5.0	—
MW-1	09/21/06	134.13	11.90	122.23	4,500	<10	<10	<10	<10	7,900	<5.0	—
MW-1	12/08/06	134.13	11.65	122.48	3,900	<10	<10	<10	<10	4,100	<5.0	—
MW-1	03/28/07	134.13	11.22	122.91	5,000	<10	<10	<10	<10	7,700	<5.0	—
MW-1	06/14/07	134.13	12.18	121.95	3,600	<10	<10	<10	<10	4,300	<5.0	—
MW-1	09/06/07	134.13	12.84	121.29	3,400	<10	<10	<10	<10	4,500	<5.0	—
MW-1	12/31/07	134.13	12.52	121.61	2,900	<5.0	<5.0	<5.0	<5.0	3,300	<5.0	—
MW-1	03/18/08	134.13	12.74	121.39	1,800	<2.5	<2.5	<2.5	<2.5	3,400	<5.0	—
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-2	04/25/01	132.63	6.26	126.37	<50	<0.50	<0.50	<0.50	<0.50	<0.50	—	0.76
MW-2	07/24/01	132.63	6.38	126.25	<50	<0.50	<0.50	<0.50	<0.50	<0.50	—	2.92

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-	Total	MTBE	Ethanol	DO
		Casing		Elevation								
		Elevation	Water	(feet)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)
MW-2	11/08/01	132.63	5.97	126.66	<50	<0.50	<0.50	<0.50	<0.50	2.7	—	—
MW-2	11/27/01	135.16	Well resurveyed to new reference point									
MW-2	02/05/02	135.16	4.95	130.21	<50	<0.50	<0.50	<0.50	<0.50	2.7	—	—
MW-2	04/29/02	135.16	5.03	130.13	<50	<0.50	<0.50	<0.50	<0.50	2.8	—	—
MW-2	07/29/02	135.16	5.46	129.70	<50	<0.50	<0.50	<0.50	<0.50	4.1	—	—
MW-2	10/21/02	135.16	5.68	129.48	<50	<0.50	<0.50	<0.50	<0.50	8.1	—	—
MW-2	03/05/03	135.16	4.87	130.29	<50	1.4	<0.50	0.61	0.69	5.5	—	—
MW-2	06/06/03	135.16	4.88	130.28	<50	<0.50	<0.50	<0.50	<0.50	5.2	—	—
MW-2	09/05/03	135.16	5.60	129.56	<50	<0.50	<0.50	<0.50	0.66	6.4	—	—
MW-2	12/24/03	135.16	5.25	129.91	<50	<0.50	<0.50	<0.50	<0.50	5.4	—	—
MW-2	03/25/04	135.16	5.25	129.91	<50	<0.50	<0.50	<0.50	<0.50	5.3	—	—
MW-2	06/25/04	135.16	6.89	128.27	<50	<0.50	<0.50	<0.50	<0.50	5.4	—	—
MW-2	09/16/04	135.16	6.09	129.07	<50	<0.50	<0.50	<0.50	<0.50	5.5	—	—
MW-2	12/17/04	135.16	5.30	129.86	<50	<0.50	<0.50	<0.50	<0.50	5.4	—	—
MW-2	03/10/05	135.16	4.49	130.67	<50	<0.50	<0.50	<0.50	<0.50	3.7	—	—
MW-2	06/09/05	135.16	4.85	130.31	<50	<0.50	<0.50	<0.50	<0.50	4.8	—	—
MW-2	09/13/05	135.16	5.82	129.34	<50	<0.50	<0.50	<0.50	<0.50	5.6	—	—
MW-2	12/06/05	135.16	5.14	130.02	<50	<0.50	<0.50	<0.50	<0.50	4.5	—	—
MW-2	03/29/06	135.16	4.27	130.89	<50	<0.50	<0.50	<0.50	<0.50	4.4	—	—
MW-2	06/29/06	135.16	5.21	129.95	<50	<0.50	<0.50	<0.50	<0.50	5.1	<5.0	—
MW-2	09/21/06	135.16	5.62	129.54	<50	<0.50	<0.50	<0.50	<0.50	3.3	<5.0	—
MW-2	12/08/06	135.16	5.29	129.87	<50	<0.50	<0.50	<0.50	<0.50	3.1	<5.0	—
MW-2	03/28/07	135.16	5.08	130.08	<50	<0.50	<0.50	<0.50	<0.50	2.5	<5.0	—
MW-2	06/14/07	135.16	5.30	129.86	<50	<0.50	<0.50	<0.50	<0.50	1.5	<5.0	—
MW-2	09/06/07	135.16	5.64	129.52	<50	<0.50	<0.50	<0.50	<0.50	3.2	<5.0	—
MW-2	12/31/07	135.16	5.10	130.06	<50	<0.50	<0.50	<0.50	<0.50	1.8	<5.0	—
MW-2	03/18/08	135.16	5.45	129.71	<50	<0.50	<0.50	<0.50	<0.50	1.8	<5.0	—
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
MW-3	04/25/01	133.78	5.90	127.88	<50	<0.50	<0.50	<0.50	<0.50	25	—	0.56
MW-3	07/24/01	133.78	6.56	127.22	<50	<0.50	0.79	0.73	0.68	5.2	—	6.67
MW-3	11/08/01	133.78	6.92	126.86	<50	<0.50	<0.50	<0.50	<0.50	14	—	—
MW-3	11/27/01	136.35	Well resurveyed to new reference point									
MW-3	02/05/02	136.35	5.13	131.22	<50	<0.50	<0.50	<0.50	<0.50	10	—	—
MW-3	04/29/02	136.35	5.67	130.68	<50	<0.50	<0.50	<0.50	<0.50	5.1	—	—
MW-3	07/29/02	136.35	6.11	130.24	<50	<0.50	<0.50	<0.50	<0.50	31	—	—

Table 1
Summary of Groundwater Levels and Chemical Analysis

Quik Stop No. 56 - 3132 Beaumont Avenue, Oakland

Sample ID	Date	Top of	Depth to Water (feet)	Groundwater	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260 (µg/L)	Ethanol (mg/L)	DO (mg/L)
		Casing Elevation (ft-MSL)		Elevation (feet)								
MW-3	10/21/02	136.35	6.57	129.78	<50	<0.50	<0.50	<0.50	<0.50	5.8	—	—
MW-3	01/06/04	136.35	5.02	131.33	<50	<0.50	<0.50	<0.50	<0.50	4.9	—	—
MW-3	06/06/03	136.35	5.12	131.23	<50	<0.50	<0.50	<0.50	<0.50	6.6	—	—
MW-3	09/05/03	136.35	6.53	129.82	<50	<0.50	<0.50	<0.50	<0.50	4.4	—	—
MW-3	12/24/03	136.35	5.20	131.15	<50	<0.50	<0.50	<0.50	<0.50	1.2	—	—
MW-3	03/25/04	136.35	5.42	130.93	<50	<0.50	<0.50	<0.50	<0.50	3.2	—	—
MW-3	06/25/04	136.35	6.50	129.85	<50	<0.50	<0.50	<0.50	<0.50	13	—	—
MW-3	09/16/04	136.35	6.79	129.56	<50	<0.50	<0.50	<0.50	<0.50	3.0	—	—
MW-3	12/17/04	136.35	5.20	131.15	<50	<0.50	<0.50	<0.50	<0.50	1.6	—	—
MW-3	03/10/05	136.35	4.42	131.93	<50	<0.50	<0.50	<0.50	<0.50	3.8	—	—
MW-3	06/09/05	136.35	4.98	131.37	<50	<0.50	<0.50	<0.50	<0.50	3.6	—	—
MW-3	09/13/05	136.35	6.42	129.93	<50	<0.50	<0.50	<0.50	<0.50	11	—	—
MW-3	12/06/05	136.35	5.35	131.00	<50	<0.50	<0.50	<0.50	<0.50	1.4	—	—
MW-3	03/29/06	136.35	4.01	132.34	<50	<0.50	<0.50	<0.50	<0.50	3.2	—	—
MW-3	06/29/06	136.35	5.41	130.94	<50	<0.50	<0.50	<0.50	<0.50	3.5	<5.0	—
MW-3	09/21/06	136.35	6.31	130.04	<50	<0.50	<0.50	<0.50	<0.50	2.1	<5.0	—
MW-3	12/08/06	136.35	5.75	130.60	<50	<0.50	<0.50	<0.50	<0.50	1.6	<5.0	—
MW-3	03/28/07	136.35	5.09	131.26	<50	<0.50	<0.50	<0.50	<0.50	2.0	<5.0	—
MW-3	06/14/07	136.35	5.47	130.88	<50	<0.50	<0.50	<0.50	<0.50	1.1	<5.0	—
MW-3	09/06/07	136.35	6.35	130.00	<50	<0.50	<0.50	<0.50	<0.50	2.4	<5.0	—
MW-3	12/31/07	136.35	5.21	131.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	—
MW-3	03/18/08	136.35	5.59	130.76	<50	<0.50	<0.50	<0.50	<0.50	0.77	<5.0	—

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

APPENDIX

**GENERAL FIELD PROCEDURES, FIELD MEASUREMENT FORMS, 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: Quik Stop #56 Project No.: 158630 Sampled By: J. Chidester Date: 3/18/08
 Well No. MW-2 Purge Method: 2" Sub. Well No. MW-3 Purge Method: 2" Sub.
 Total Depth (feet) 30.02 Depth to Product (feet): - Total Depth (feet) 30.63 Depth to Product (feet): -
 Depth to Water (feet): 5.45 Product Recovered (gallons): - Depth to Water (feet): 5.59 Product Recovered (gallons): -
 Water Column (feet): 24.57 Casing Diameter (Inches): 2" Water Column (feet): 25.04 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 10.36 1 Well Volume (gallons): 3.93 80% Recharge Depth (feet): 10.60 1 Well Volume (gallons): 4.0

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
1051			4	1130	20.3	6.87
			8	1112	19.6	6.85
	1058		12	1129	20.3	6.60
Total Purged			12	Time Sampled		1150

Comments:
Turbidity=

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
1034			4	858	17.5	6.62
			8	829	18.6	6.59
	1039		12	822	19.4	6.69
Total Purged			12	Time Sampled		1140

Comments:
Turbidity=

Well No. MW-1 Purge Method: 2" Sub. Well No. _____ Purge Method: _____
 Total Depth (feet) 30.15 Depth to Product (feet): - Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): 12.74 Product Recovered (gallons): - Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): 17.41 Casing Diameter (Inches): 2" Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): 16.22 1 Well Volume (gallons): 2.79 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
1108			3	797	21.0	6.85
			6	775	20.6	6.61
	1113		8	769	20.9	6.60
Total Purged			8	Time Sampled		1200

Comments:
Turbidity=

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
Total Purged				Time Sampled		

Comments:
Turbidity=

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (F, C)	pH
Total Purged				Time Sampled		

Comments:
Turbidity=

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temper-ature (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-Alton Geoscience
1590 Solano Way Suite A
Concord, CA 94520

Attn: James Chidester
Phone: (925) 688-2485
Fax: (925) 688-0388
Date Received : 03/21/08

Job#: 158630-00TA03/Quick Stop #56

GC/MSD by Direct Injection
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : MW-2 Lab ID : TRC08032153-01A Ethanol	ND	5.0 µg/L	03/18/08	03/25/08
Client ID : MW-3 Lab ID : TRC08032153-02A Ethanol	ND	5.0 µg/L	03/18/08	03/25/08
Client ID : MW-1 Lab ID : TRC08032153-03A Ethanol	ND	5.0 µg/L	03/18/08	03/25/08

ND = Not Detected

Roger Scholl *Randy Gardner* *Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

J.P.
4/3/08

Report Date



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-Alton Geoscience
1590 Solano Way Suite A
Concord, CA 94520

Attn: James Chidester
Phone: (925) 688-2485
Fax: (925) 688-0388
Date Received : 03/21/08

Job#: 158630-00TA03/Quick Stop #56

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH-P (GRO)	ND	0.050 mg/L	03/18/08	03/28/08
MW-2	Methyl tert-butyl ether (MTBE)	1.8	0.50 µg/L	03/18/08	03/28/08
Lab ID :	Benzene	ND	0.50 µg/L	03/18/08	03/28/08
TRC08032153-01A	Toluene	ND	0.50 µg/L	03/18/08	03/28/08
	Ethylbenzene	ND	0.50 µg/L	03/18/08	03/28/08
	m,p-Xylene	ND	0.50 µg/L	03/18/08	03/28/08
	o-Xylene	ND	0.50 µg/L	03/18/08	03/28/08
Client ID :	TPH-P (GRO)	ND	0.050 mg/L	03/18/08	03/28/08
MW-3	Methyl tert-butyl ether (MTBE)	0.77	0.50 µg/L	03/18/08	03/28/08
Lab ID :	Benzene	ND	0.50 µg/L	03/18/08	03/28/08
TRC08032153-02A	Toluene	ND	0.50 µg/L	03/18/08	03/28/08
	Ethylbenzene	ND	0.50 µg/L	03/18/08	03/28/08
	m,p-Xylene	ND	0.50 µg/L	03/18/08	03/28/08
	o-Xylene	ND	0.50 µg/L	03/18/08	03/28/08
Client ID :	TPH-P (GRO)	1.8	0.50 mg/L	03/18/08	03/28/08
MW-1	Methyl tert-butyl ether (MTBE)	3,400	2.5 µg/L	03/18/08	03/28/08
Lab ID :	Benzene	ND	2.5 µg/L	03/18/08	03/28/08
TRC08032153-03A	Toluene	ND	2.5 µg/L	03/18/08	03/28/08
	Ethylbenzene	ND	2.5 µg/L	03/18/08	03/28/08
	m,p-Xylene	ND	2.5 µg/L	03/18/08	03/28/08
	o-Xylene	ND	2.5 µg/L	03/18/08	03/28/08

Gasoline Range Organics (GRO) C4-C13

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

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

4/3/08

Report Date



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: TRC08032153

Project: 158630-00TA03/Quick Stop #56

Alpha's Sample ID	Client's Sample ID	Matrix	pH
08032153-01A	MW-2	Aqueous	2
08032153-02A	MW-3	Aqueous	2
08032153-03A	MW-1	Aqueous	2

4/3/08

Report Date

Page 1 of 1



Alpha Analytical, Inc.

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

Date:
01-Apr-08

QC Summary Report

Work Order:
08032153

Method Blank

Method Blank		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\080325\08032508.D		MBLK	Batch ID: 19540		Analysis Date: 03/25/2008 12:54					
Sample ID: MBLK-19540	Units: µg/L		Run ID: MSD_11_080325A		Prep Date: 03/25/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	ND		5							
Surr: Hexafluoro-2-propanol	531		500		106	70	130			

Laboratory Control Spike

Laboratory Control Spike		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\080325\08032504.D		LCS	Batch ID: 19540		Analysis Date: 03/25/2008 11:32					
Sample ID: LCS-19540	Units: µg/L		Run ID: MSD_11_080325A		Prep Date: 03/25/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	232		5	250	93	68	132			
Surr: Hexafluoro-2-propanol	536		500		107	70	130			

Sample Matrix Spike

Sample Matrix Spike		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\080325\08032506.D		MS	Batch ID: 19540		Analysis Date: 03/25/2008 12:13					
Sample ID: 08032009-22AMS	Units: µg/L		Run ID: MSD_11_080325A		Prep Date: 03/25/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	230		5	250	0	92	67	133		
Surr: Hexafluoro-2-propanol	546		500		109	70	130			

Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\080325\08032507.D		MSD	Batch ID: 19540		Analysis Date: 03/25/2008 12:33					
Sample ID: 08032009-22AMSD	Units: µg/L		Run ID: MSD_11_080325A		Prep Date: 03/25/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	224		5	250	0	90	67	133	230.4	2.8(20)
Surr: Hexafluoro-2-propanol	536		500		107	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Alpha Analytical, Inc.

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

Date:
02-Apr-08

OC Summary Report

Work Order:
08032153

Method Blank

Method Blank		Type	Test Code: EPA Method SW8015B							
File ID: D:\HPCHEM\MS09\DATA\080327\08032738.D		MBLK	Batch ID: MS09W0327D		Analysis Date: 03/27/2008 23:31					
Sample ID: MBLK MS09W0327D	Units : mg/L		Run ID: MSD_09_080327B		Prep Date: 03/27/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	0.05								
Surr: 1,2-Dichloroethane-d4	0.008		0.01		80	75	128			
Surr: Toluene-d8	0.011		0.01		110	80	120			
Surr: 4-Bromofluorobenzene	0.00938		0.01		94	80	120			

Laboratory Control Spike

Laboratory Control Spike		Type	Test Code: EPA Method SW8015B							
File ID: D:\HPCHEM\MS09\DATA\080327\08032736.D		LCS	Batch ID: MS09W0327D		Analysis Date: 03/27/2008 22:45					
Sample ID: GLCS MS09W0327D	Units : mg/L		Run ID: MSD_09_080327B		Prep Date: 03/27/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.383	0.05	0.4		96	70	130			
Surr: 1,2-Dichloroethane-d4	0.0084		0.01		84	75	128			
Surr: Toluene-d8	0.0106		0.01		106	80	120			
Surr: 4-Bromofluorobenzene	0.00938		0.01		94	80	120			

Sample Matrix Spike

Sample Matrix Spike		Type	Test Code: EPA Method SW8015B							
File ID: D:\HPCHEM\MS09\DATA\080327\08032752.D		MS	Batch ID: MS09W0327D		Analysis Date: 03/28/2008 04:43					
Sample ID: 08032153-01AGS	Units : mg/L		Run ID: MSD_09_080327B		Prep Date: 03/28/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.94	0.25	2	0	97	60	131			
Surr: 1,2-Dichloroethane-d4	0.0405		0.05		81	75	128			
Surr: Toluene-d8	0.0545		0.05		109	80	120			
Surr: 4-Bromofluorobenzene	0.0471		0.05		94	80	120			

Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8015B							
File ID: D:\HPCHEM\MS09\DATA\080327\08032753.D		MSD	Batch ID: MS09W0327D		Analysis Date: 03/28/2008 05:05					
Sample ID: 08032153-01AGSD	Units : mg/L		Run ID: MSD_09_080327B		Prep Date: 03/28/2008					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.86	0.25	2	0	93	60	131	1.936	3.9(20)	
Surr: 1,2-Dichloroethane-d4	0.0397		0.05		79	75	128			
Surr: Toluene-d8	0.0541		0.05		108	80	120			
Surr: 4-Bromofluorobenzene	0.0463		0.05		93	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Alpha Analytical, Inc.

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

Date:
01-Apr-08

QC Summary Report

Work Order:
08032153

Method Blank

Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: D:\HPCHEM\MS09\DATA\080327\08032738.D

Batch ID: **MS09W0327C**

Analysis Date: **03/27/2008 23:31**

Sample ID: **MBLK MS09W0327C**

Units : **µg/L**

Run ID: **MSD_09_080327B**

Prep Date: **03/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	ND	0.5								
Benzene	ND	0.5								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	8		10		80	75	128			
Surr: Toluene-d8	11		10		110	80	120			
Surr: 4-Bromofluorobenzene	9.38		10		94	80	120			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: D:\HPCHEM\MS09\DATA\080327\08032734.D

Batch ID: **MS09W0327C**

Analysis Date: **03/27/2008 22:00**

Sample ID: **LCS MS09W0327C**

Units : **µg/L**

Run ID: **MSD_09_080327B**

Prep Date: **03/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.32	0.5	10		83	70	130			
Benzene	9.9	0.5	10		99	70	130			
Toluene	10.6	0.5	10		106	80	120			
Ethylbenzene	10.9	0.5	10		109	80	120			
m,p-Xylene	11.2	0.5	10		112	70	130			
o-Xylene	11.3	0.5	10		113	70	130			
Surr: 1,2-Dichloroethane-d4	8.1		10		81	75	128			
Surr: Toluene-d8	10.8		10		108	80	120			
Surr: 4-Bromofluorobenzene	9.44		10		94	80	120			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: D:\HPCHEM\MS09\DATA\080327\08032750.D

Batch ID: **MS09W0327C**

Analysis Date: **03/28/2008 03:59**

Sample ID: **08032653-02AMS**

Units : **µg/L**

Run ID: **MSD_09_080327B**

Prep Date: **03/28/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	39.8	1.3	50	0	80	62	139			
Benzene	43.9	1.3	50	0	88	70	130			
Toluene	47.5	1.3	50	0	95	67	130			
Ethylbenzene	49.9	1.3	50	0	99.8	70	130			
m,p-Xylene	51.5	1.3	50	0	103	69	130			
o-Xylene	52.4	1.3	50	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	38.8		50		78	75	128			
Surr: Toluene-d8	54.3		50		109	80	120			
Surr: 4-Bromofluorobenzene	47		50		94	80	120			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: D:\HPCHEM\MS09\DATA\080327\08032751.D

Batch ID: **MS09W0327C**

Analysis Date: **03/28/2008 04:21**

Sample ID: **08032653-02AMSD**

Units : **µg/L**

Run ID: **MSD_09_080327B**

Prep Date: **03/28/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	39.3	1.3	50	0	79	62	139	39.8	1.3(20)	
Benzene	46	1.3	50	0	92	70	130	43.9	4.6(20)	
Toluene	49.4	1.3	50	0	99	67	130	47.5	3.9(20)	
Ethylbenzene	51.9	1.3	50	0	104	70	130	49.9	3.9(20)	
m,p-Xylene	53.6	1.3	50	0	107	69	130	51.48	4.1(20)	
o-Xylene	54.3	1.3	50	0	109	70	130	52.43	3.5(20)	
Surr: 1,2-Dichloroethane-d4	40.4		50		81	75	128			
Surr: Toluene-d8	53.9		50		108	80	120			
Surr: 4-Bromofluorobenzene	46.8		50		94	80	120			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

WorkOrder : TRC08032153

Report Due By : 5:00 PM On : 04-Apr-08

Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

Client:
TRC-Alton Geoscience
1590 Solano Way Suite A

Report Attention	Phone Number	EMail Address
James Chidester	(925) 688-2485 x 238	jchidester@trcsolutions.com

EDD Required : Yes

Concord, CA 94520

Sampled by : James Chidester

PO :

Cooler Temp	Samples Received	Date Printed
4 °C	21-Mar-08	21-Mar-08

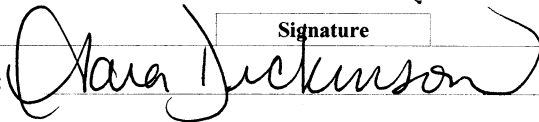
Client's COC # : 19811

Job : 158630-00TA03/Quick Stop #56

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks		
				Alpha	Sub	TAT	ALCOHOL_W	TPH/P_W	VOC_W						
TRC08032153-01A	MW-2	AQ	03/18/08 11:50	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						
TRC08032153-02A	MW-3	AQ	03/18/08 11:40	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						
TRC08032153-03A	MW-1	AQ	03/18/08 12:00	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						

Comments: Security seals intact. Frozen ice. Total Xylenes. Site @ Quick Stop #56 Oakland, CA. :

Signature	Print Name	Company	Date/Time
	Tara Dickerson	Alpha Analytical, Inc.	3/21/08 1114

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

Billing Information:

Name TRC
 Address 1590 Solano Way, Ste. A
 City, State, Zip Concord, CA 94520
 Phone Number (925)688-1200 Fax _____



Alpha Analytical, Inc.
 255 Glendale Avenue, Suite 21
 Sparks, Nevada 89431-5778
 Phone (775) 355-1044
 Fax (775) 355-0406

Samples Collected From Which State?
 AZ _____ CA NV _____ WA _____
 ID _____ OR _____ OTHER _____

Client Name		P.O. #		Job #		Analyses Required				Required QC Level?		
TRC				158630 - 00TA03		TPH-P	BTEX	MTBE	ETOH	I II III IV		
Address		E-Mail Address		Phone #						Fax #		EDD / EDF? YES <input checked="" type="checkbox"/> NO _____
1590 Solano Way, Ste. A		jchidester@trcsolutions.com		(925)688-1200		(925)688-0388		Global ID # <u>T06019774175</u>		REMARKS		
City, State, Zip		Report Attention		TAT		Field Filtered		Total and type of containers				
Concord, CA 94520		James Chidester						** See below				
Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered						
1150	3/18/08	AQ	TRC08032153-01	MW-2	STD		6 V w/HCl	X	X	X	X	
1140	↓	↓	-02	MW-3	↓		↓	↓	↓	↓		
1200	↓	↓	-03	MW-1	↓		↓	↓	↓	↓		

ADDITIONAL INSTRUCTIONS: Site @ Quik Stop # 56 Oakland, CA

Signature	Print Name	Company	Date	Time
	James Chidester	TRC	3/20/08	10:15
	Lisa de Silva	ALPHA ANALYTICAL	3-20-08	10:15
	LISA de Silva	ALPHA ANALYTICAL	3-20-08	1600
	Tara Johnson	Alpha	3/21/08	1114
Relinquished by				
Received by				

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other
 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.