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10:42 am, May 01, 2009

Alameda County
Environmental Health

April 30, 2009

Project No. 166562

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 2009

Dear Mr. Plunkett:

Enclosed is a copy of the *First Quarter 2009 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,

A handwritten signature in black ink that reads 'Jonathan Scheiner'. The signature is fluid and cursive, written over the printed name.

Jonathan Scheiner
Associate

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



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Project No. 166562

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 2009

Dear Mr. Karvelot:

This *First Quarter 2009 Quarterly Groundwater Monitoring Report* presents the results of the First Quarter 2009 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 9, 2009. Groundwater elevations averaged 128.60 feet above mean sea level (MSL). Groundwater flow direction was to the southwest at a gradient of 0.118 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 9, 2009, 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.

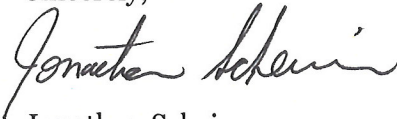
Approximately 33 gallons of purge water and equipment rinsate were generated during groundwater sampling activities conducted on March 9, 2009. The purge water was stored onsite in one Department of Transportation-approved 55-gallon drum pending disposal.

3.0 LIST OF ATTACHMENTS

- Figure 1: Vicinity Map
- Figure 2: Groundwater Elevation Contour Map, March 9, 2009
- Figure 3: Dissolved-Phase Hydrocarbon Concentrations, March 9, 2009
- 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,



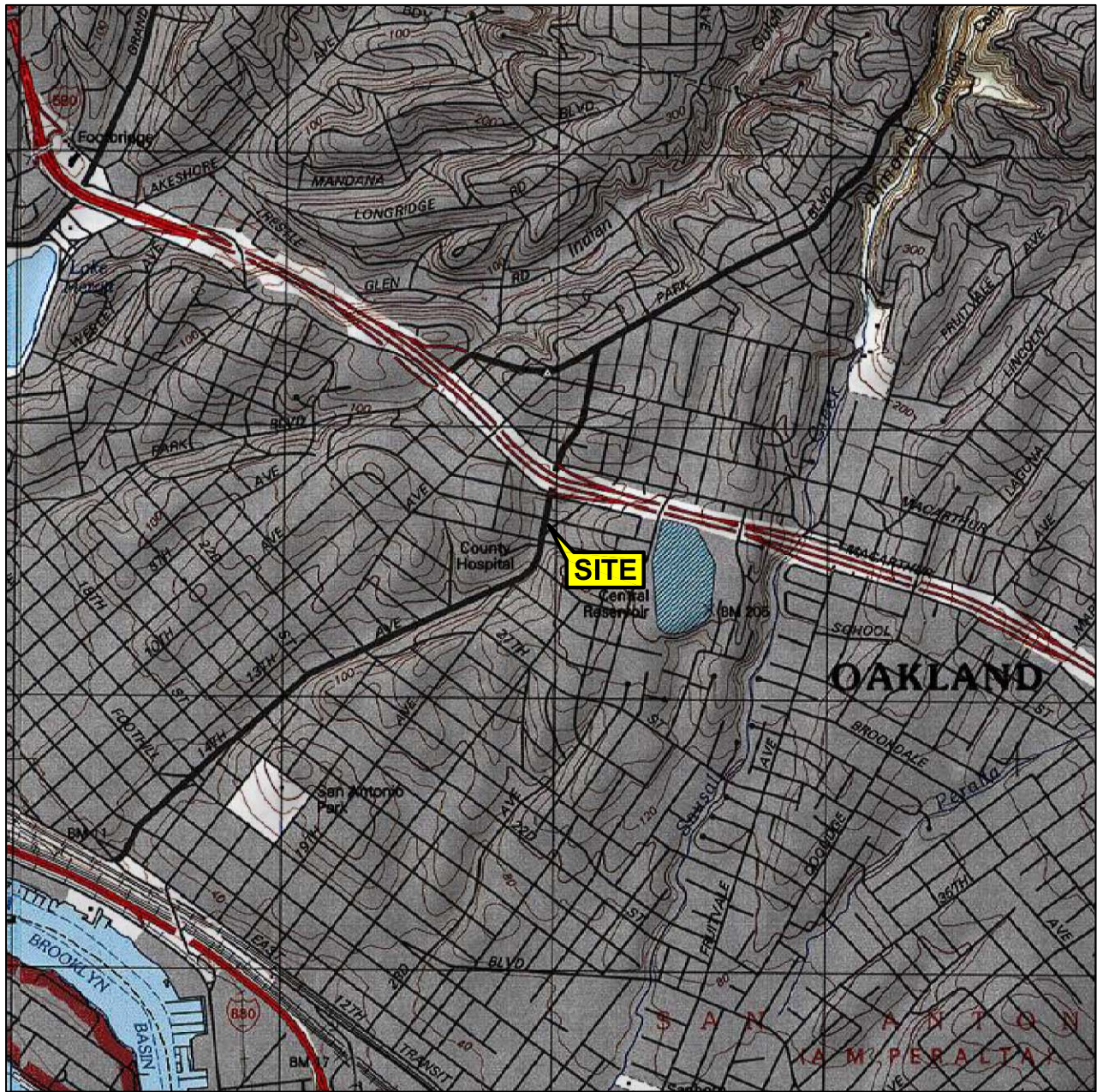
Jonathan Scheiner
Associate



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



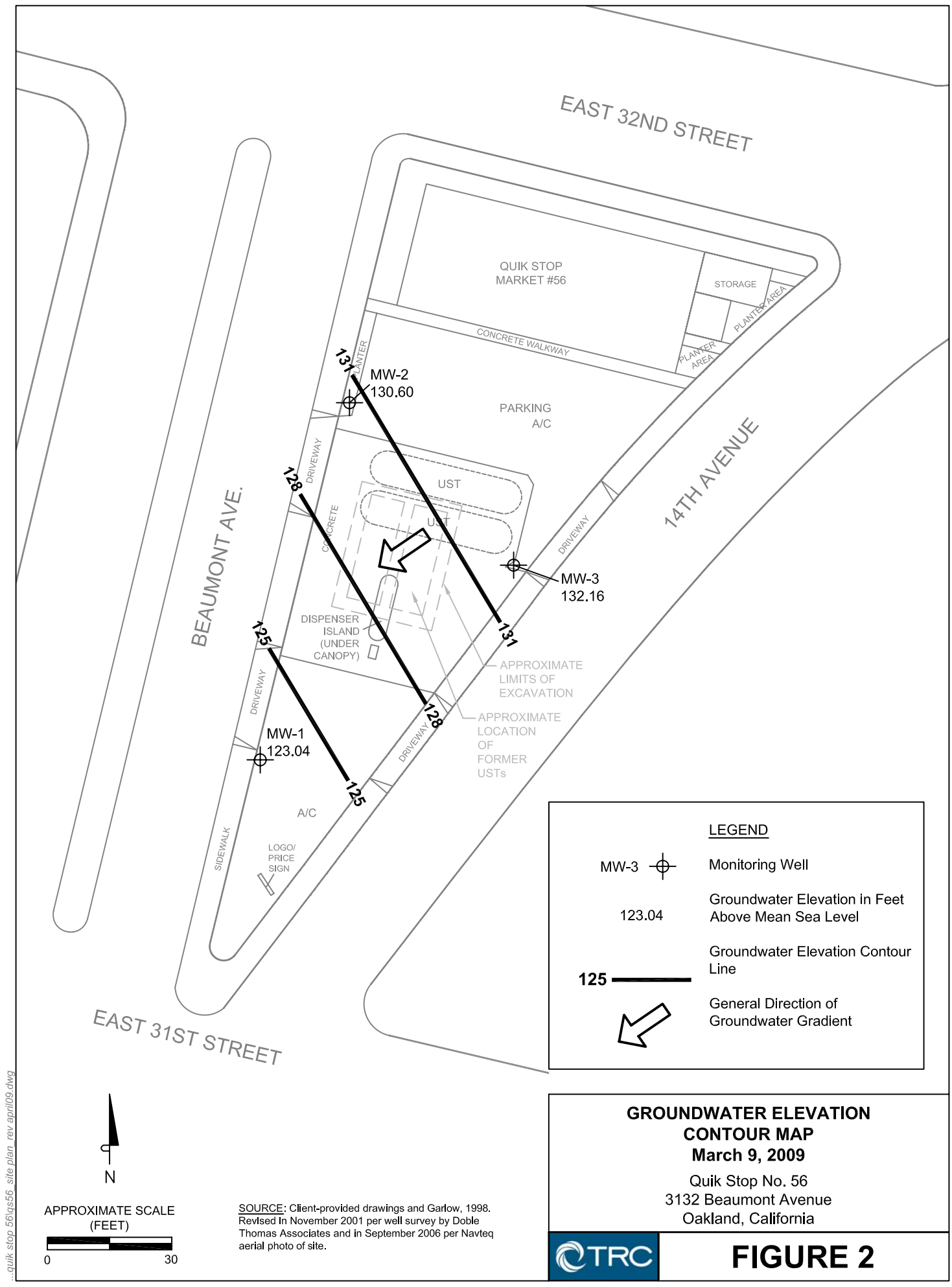
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland East and
Oakland West Quadrangles

VICINITY MAP




Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California



FIGURE 1



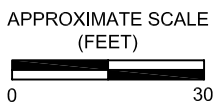
LEGEND

- MW-3  Monitoring Well
- 123.04 Groundwater Elevation in Feet Above Mean Sea Level
- 125  Groundwater Elevation Contour Line
-  General Direction of Groundwater Gradient

**GROUNDWATER ELEVATION
CONTOUR MAP**
March 9, 2009
 Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California

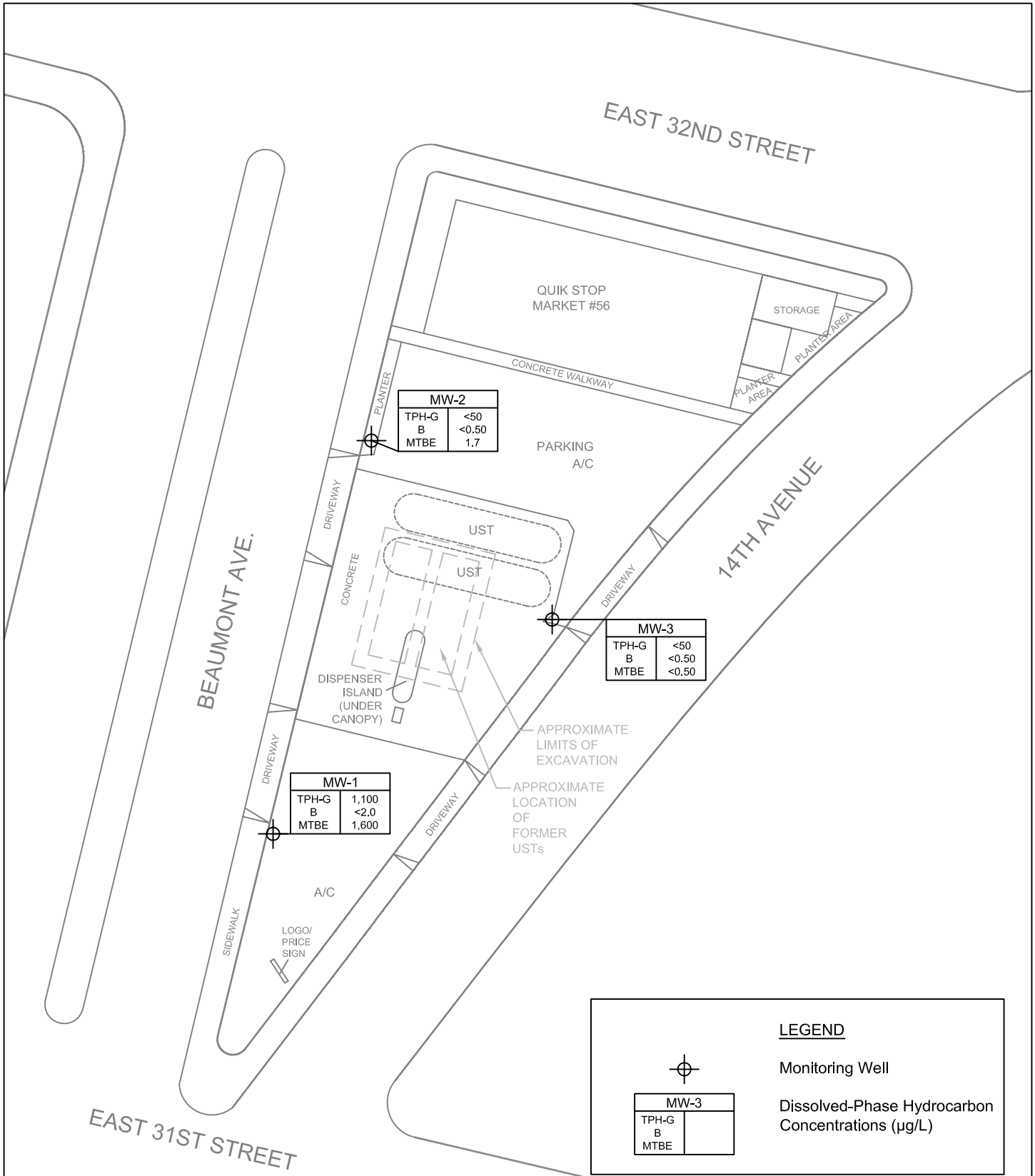


FIGURE 2




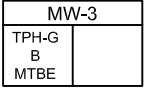
SOURCE: Client-provided drawings and Garlow, 1998.
 Revised In November 2001 per well survey by Doble
 Thomas Associates and in September 2006 per Navteq
 aerial photo of site.

..quik_stop_56\gs56_site_plan_rev_april09.dwg



LEGEND

 Monitoring Well

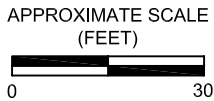
 Dissolved-Phase Hydrocarbon Concentrations (µg/L)

DISSOLVED-PHASE HYDROCARBON CONCENTRATIONS
March 9, 2009
 Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California



FIGURE 3

...quik_stop_56\qs56_site_plan_rev_april09.dwg



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.

TABLE

Table 1
Summary of Groundwater Levels and Chemical Analysis

Quik Stop No. 56 - 3132 Beaumont Avenue, Oakland

Sample ID	Date	Top of Casing	Depth to	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)
		Elevation (ft-MSL)	Water (feet)	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-1	06/30/08	134.13	13.00	121.13	1,400	<2.5	<2.5	<2.5	<2.5	2,400	<5.0	—	
MW-1	09/26/08	134.13	13.77	120.36	1,100	<2.0	<2.0	<2.0	<2.0	2,200	<5.0	—	
MW-1	11/25/08	134.13	13.57	120.56	1,300	<2.5	<2.5	<2.5	<2.5	2,000	<5.0	—	
MW-1	03/09/09	134.13	11.09	123.04	1,100	<2.0	<2.0	<2.0	<2.0	1,600	<5.0	—	

Table 1
Summary of Groundwater Levels and Chemical Analysis

Quik Stop No. 56 - 3132 Beaumont Avenue, Oakland

Sample ID	Date	Top of Casing Elevation (ft-MSL)	Depth to Water (feet)	Groundwater Elevation (feet)	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)
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
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-2	06/30/08	135.16	5.61	129.55	<50	<0.50	<0.50	<0.50	<0.50	1.0	<5.0	—
MW-2	09/26/08	135.16	6.00	129.16	<50	<0.50	<0.50	<0.50	<0.50	1.7	<5.0	—
MW-2	11/25/08	135.16	5.73	129.43	<50	<0.50	<0.50	<0.50	<0.50	1.4	<5.0	—
MW-2	03/09/09	135.16	4.56	130.60	<50	<0.50	<0.50	<0.50	<0.50	1.7	<5.0	—

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	Ethanol	DO
		Casing Elevation (ft-MSL)		Water (feet)	Elevation (feet)								
MW-3	03/02/00	133.78	6.41	127.37	<50	<0.50	<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	<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	<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	<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	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	<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	<0.50	10	—	—
MW-3	04/29/02	136.35	5.67	130.68	<50	<0.50	<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	<0.50	31	—	—
MW-3	10/21/02	136.35	6.57	129.78	<50	<0.50	<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	<0.50	4.9	—	—
MW-3	06/06/03	136.35	5.12	131.23	<50	<0.50	<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	<0.50	4.4	—	—
MW-3	12/24/03	136.35	5.20	131.15	<50	<0.50	<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	<0.50	3.2	—	—
MW-3	06/25/04	136.35	6.50	129.85	<50	<0.50	<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	<0.50	3.0	—	—
MW-3	12/17/04	136.35	5.20	131.15	<50	<0.50	<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	<0.50	3.8	—	—
MW-3	06/09/05	136.35	4.98	131.37	<50	<0.50	<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	<0.50	11	—	—
MW-3	12/06/05	136.35	5.35	131.00	<50	<0.50	<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	<0.50	3.2	—	—
MW-3	06/29/06	136.35	5.41	130.94	<50	<0.50	<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	<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	<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	<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	<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	<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	<0.50	<5.0	—
MW-3	03/18/08	136.35	5.59	130.76	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.77	<5.0	—
MW-3	06/30/08	136.35	6.16	130.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<5.0	—
MW-3	09/26/08	136.35	6.84	129.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<5.0	—
MW-3	11/25/08	136.35	6.37	129.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	—
MW-3	03/09/09	136.35	4.19	132.16	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	—

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: QUICK STOP #756 Project No.: 166562 Sampled By: JOE L. Date: 03-09-09

Well No. MW-2 Purge Method: J-DIA SUB
 Total Depth (feet): 29.94 Depth to Product (feet):
 Depth to Water (feet): 4.56 Product Recovered (gallons):
 Water Column (feet): 25.38 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 9.63 1 Well Volume (gallons): 4

Well No. MW-3JC 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
0627			4	1349	16.8	6.44
			8	1394	18.2	6.42
	0633		12	1359	18.5	6.46
Total Purged			12	Time Sampled		0725

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. MW-3 Purge Method: J-DIA SUB
 Total Depth (feet): 30.42 Depth to Product (feet):
 Depth to Water (feet): 4.19 Product Recovered (gallons):
 Water Column (feet): 26.23 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 9.43 1 Well Volume (gallons): 4

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
0643			4	1029	15.4	7.03
			8	1032	17.3	6.92
	0649		12	1034	17.8	6.82
Total Purged			12	Time Sampled		0732

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. MW-1 Purge Method: J-DIA SUB
 Total Depth (feet): 30.07 Depth to Product (feet):
 Depth to Water (feet): 11.09 Product Recovered (gallons):
 Water Column (feet): 18.98 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 14.98 1 Well Volume (gallons): 3

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
0700			3	944.6	15.0	6.95
			6	965.2	17.5	6.59
	0705		9	981.1	18.3	6.47
Total Purged			9	Time Sampled		0753

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

Attn: James Chidester
Phone: (925) 688-2485
Fax: (925) 688-0388
Date Received : 03/19/09

Job#: 166562-00TA01

GC/MSD by Direct Injection
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : MW-2 Lab ID : TRC09031956-01A Ethanol	ND	5.0 µg/L	03/19/09	03/20/09
Client ID : MW-3 Lab ID : TRC09031956-02A Ethanol	ND	5.0 µg/L	03/09/09	03/20/09
Client ID : MW-1 Lab ID : TRC09031956-03A Ethanol	ND	5.0 µg/L	03/09/09	03/20/09

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.

4/1/09

Report Date



Alpha Analytical, Inc.

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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 : 03/19/09

Job#: 166562-00TA01

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

	Parameter	Concentration	Reporting	Date	Date
			Limit	Sampled	Analyzed
Client ID :	TPH-P (GRO)	ND	0.050 mg/L	03/19/09	03/20/09
MW-2	Methyl tert-butyl ether (MTBE)	1.7	0.50 µg/L	03/19/09	03/20/09
Lab ID :	Benzene	ND	0.50 µg/L	03/19/09	03/20/09
TRC09031956-01A	Toluene	ND	0.50 µg/L	03/19/09	03/20/09
	Ethylbenzene	ND	0.50 µg/L	03/19/09	03/20/09
	Xylenes, Total	ND	0.50 µg/L	03/19/09	03/20/09
Client ID :	TPH-P (GRO)	ND	0.050 mg/L	03/09/09	03/20/09
MW-3	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	03/09/09	03/20/09
Lab ID :	Benzene	ND	0.50 µg/L	03/09/09	03/20/09
TRC09031956-02A	Toluene	ND	0.50 µg/L	03/09/09	03/20/09
	Ethylbenzene	ND	0.50 µg/L	03/09/09	03/20/09
	Xylenes, Total	ND	0.50 µg/L	03/09/09	03/20/09
Client ID :	TPH-P (GRO)	1.1	0.40 mg/L	03/09/09	03/20/09
MW-1	Methyl tert-butyl ether (MTBE)	1,600	2.0 µg/L	03/09/09	03/20/09
Lab ID :	Benzene	ND	V	03/09/09	03/20/09
TRC09031956-03A	Toluene	ND	V	03/09/09	03/20/09
	Ethylbenzene	ND	V	03/09/09	03/20/09
	Xylenes, Total	ND	V	03/09/09	03/20/09

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.

4/1/09

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: TRC09031956

Project: 166562-00TA01

Alpha's Sample ID	Client's Sample ID	Matrix	pH
09031956-01A	MW-2	Aqueous	2
09031956-02A	MW-3	Aqueous	2
09031956-03A	MW-1	Aqueous	2

4/1/09

Report Date

Page 1 of 1



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Date:
30-Mar-09

QC Summary Report

Work Order:
09031956

Method Blank

Method Blank		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\090320\09032009.D		MBLK	Batch ID: 21693				Analysis Date: 03/20/2009 13:13			
Sample ID:	MBLK-21693	Units : µg/L	Run ID:	MSD_11_090320A			Prep Date: 03/20/2009			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	ND	5								
Surr: Hexafluoro-2-propanol	466		500		93	70	130			

Laboratory Control Spike

Laboratory Control Spike		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\090320\09032005.D		LCS	Batch ID: 21693				Analysis Date: 03/20/2009 11:54			
Sample ID:	LCS-21693	Units : µg/L	Run ID:	MSD_11_090320A			Prep Date: 03/20/2009			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	342	5	250		137	70	142			
Surr: Hexafluoro-2-propanol	513		500		103	70	130			

Sample Matrix Spike

Sample Matrix Spike		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\090320\09032007.D		MS	Batch ID: 21693				Analysis Date: 03/20/2009 12:34			
Sample ID:	09031956-02AMS	Units : µg/L	Run ID:	MSD_11_090320A			Prep Date: 03/20/2009			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	304	5	250	0	121	68	143			
Surr: Hexafluoro-2-propanol	472		500		94	70	130			

Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8260B-DI							
File ID: C:\HPCHEM\MS11\DATA\090320\09032008.D		MSD	Batch ID: 21693				Analysis Date: 03/20/2009 12:53			
Sample ID:	09031956-02AMSD	Units : µg/L	Run ID:	MSD_11_090320A			Prep Date: 03/20/2009			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	316	5	250	0	126	68	143	303.6	4.0(20)	
Surr: Hexafluoro-2-propanol	475		500		95	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.



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Date:
30-Mar-09

QC Summary Report

Work Order:
09031956

Method Blank

File ID: 09032005.D

Type **MBLK** Test Code: **EPA Method SW8015B**

Batch ID: **MS15W0320B**

Analysis Date: **03/20/2009 10:21**

Sample ID: **MBLK MS15W0320B**

Units : **mg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

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	0.00915		0.01		92	70	130			
Surr: Toluene-d8	0.0102		0.01		102	70	130			
Surr: 4-Bromofluorobenzene	0.0103		0.01		103	70	130			

Laboratory Control Spike

File ID: 09032002.D

Type **LCS** Test Code: **EPA Method SW8015B**

Batch ID: **MS15W0320B**

Analysis Date: **03/20/2009 09:00**

Sample ID: **GLCS MS15W0320B**

Units : **mg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.454	0.05	0.4		114	70	130			
Surr: 1,2-Dichloroethane-d4	0.00889		0.01		89	70	130			
Surr: Toluene-d8	0.00975		0.01		98	70	130			
Surr: 4-Bromofluorobenzene	0.0109		0.01		109	70	130			

Sample Matrix Spike

File ID: 09032009.D

Type **MS** Test Code: **EPA Method SW8015B**

Batch ID: **MS15W0320B**

Analysis Date: **03/20/2009 11:50**

Sample ID: **09031850-21AGS**

Units : **mg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.21	0.25	2	0.3062	95	58	135			
Surr: 1,2-Dichloroethane-d4	0.0479		0.05		96	70	130			
Surr: Toluene-d8	0.0478		0.05		96	70	130			
Surr: 4-Bromofluorobenzene	0.0518		0.05		104	70	130			

Sample Matrix Spike Duplicate

File ID: 09032010.D

Type **MSD** Test Code: **EPA Method SW8015B**

Batch ID: **MS15W0320B**

Analysis Date: **03/20/2009 12:13**

Sample ID: **09031850-21AGSD**

Units : **mg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.21	0.25	2	0.3062	95	58	135	2.207	0.0(20)	
Surr: 1,2-Dichloroethane-d4	0.0465		0.05		93	70	130			
Surr: Toluene-d8	0.0491		0.05		98	70	130			
Surr: 4-Bromofluorobenzene	0.053		0.05		106	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.



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Date:
30-Mar-09

QC Summary Report

Work Order:
09031956

Method Blank

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

File ID: **09032005.D**

Batch ID: **MS15W0320A**

Analysis Date: **03/20/2009 10:21**

Sample ID: **MBLK MS15W0320A**

Units : **µg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

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								
Xylenes, Total	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9.15		10		92	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.3		10		103	70	130			

Laboratory Control Spike

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

File ID: **09032003.D**

Batch ID: **MS15W0320A**

Analysis Date: **03/20/2009 09:22**

Sample ID: **LCS MS15W0320A**

Units : **µg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.51	0.5	10		85	62	136			
Benzene	9.03	0.5	10		90	70	130			
Toluene	9.44	0.5	10		94	80	120			
Ethylbenzene	9.98	0.5	10		99.8	80	120			
Xylenes, Total	19.8	0.5	20		99	70	130			
Surr: 1,2-Dichloroethane-d4	8.49		10		85	70	130			
Surr: Toluene-d8	9.85		10		99	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike

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

File ID: **09032007.D**

Batch ID: **MS15W0320A**

Analysis Date: **03/20/2009 11:05**

Sample ID: **09031850-21AMS**

Units : **µg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	275	1.3	50	218.3	113	56	141			
Benzene	39.5	1.3	50	0	79	67	130			
Toluene	39.6	1.3	50	0	79	66	130			
Ethylbenzene	41.8	1.3	50	0	84	68	130			
Xylenes, Total	83.6	1.3	100	0	84	70	130			
Surr: 1,2-Dichloroethane-d4	44.6		50		89	70	130			
Surr: Toluene-d8	48.5		50		97	70	130			
Surr: 4-Bromofluorobenzene	52.3		50		105	70	130			

Sample Matrix Spike Duplicate

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

File ID: **09032008.D**

Batch ID: **MS15W0320A**

Analysis Date: **03/20/2009 11:28**

Sample ID: **09031850-21AMSD**

Units : **µg/L**

Run ID: **MSD_15_090320B**

Prep Date: **03/20/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	295	1.3	50	218.3	153	56	141	275	7.0(20)	M3
Benzene	41.6	1.3	50	0	83	67	130	39.48	5.3(20)	
Toluene	42	1.3	50	0	84	66	130	39.57	5.9(20)	
Ethylbenzene	43.8	1.3	50	0	88	68	130	41.82	4.6(20)	
Xylenes, Total	86.6	1.3	100	0	87	70	130	83.57	3.6(20)	
Surr: 1,2-Dichloroethane-d4	44		50		88	70	130			
Surr: Toluene-d8	48.7		50		97	70	130			
Surr: 4-Bromofluorobenzene	53.2		50		106	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.

M3 = The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to the spike level. The method control sample recovery was acceptable.

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

CA

WorkOrder : TRC09031956

Report Due By : 5:00 PM On : 02-Apr-09

Client:

TRC-Alton Geoscience
1590 Solano Way Suite A

Concord, CA 94520

PO :

Client's COC # : 19846

Job : 166562-00TA01

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

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

EDD Required : Yes

Sampled by : Client

<u>Cooler Temp</u>	<u>Samples Received</u>	<u>Date Printed</u>
4 °C	19-Mar-09	19-Mar-09

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						
TRC09031956-01A	MW-2	AQ	03/19/09 07:25	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						
TRC09031956-02A	MW-3	AQ	03/09/09 07:32	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						
TRC09031956-03A	MW-1	AQ	03/09/09 07:53	6	0	10	Low Level EtOH	GAS-C	BTXE/M_C						

Comments: No security seals. Frozen ice. Total Xylenes. Site @ Quik Stop #56 Oakland, CA. Samples rec'd 10 days into the 14 day holdtime. :

Logged in by:	<i>Araa Johnson</i>	Tara Dickerson	Alpha Analytical, Inc.	3/19/09 1142
	Signature	Print Name	Company	Date/Time

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: TRC
 Name _____
 Address _____
 City, State, Zip _____
 Phone Number _____ 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 _____

12046

Page # 1 of 1

Client Name		P.O. #		Job #		Analyses Required				Required QC Level?				
TRC				166562-00TA01		TPH-P	BTEX	MTBE	ETH	I II III IV				
Address: 1590 Solano Way Ste. A		E-Mail Address: jchidester@trcsolutions.com		Phone # 925-688-1200 Fax # 925-688-0388						EDD/EDF? YES <input checked="" type="checkbox"/> NO _____				
City, State, Zip: Concord, CA 94520		Report Attention: James Chidester		Total and type of containers: 6V W/HLI		Global ID # T06019774175				REMARKS				
Time Sampled	Date Sampled	Matrix See Key Below	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered								
0725	03-09-09	AQ	TRC09031956-M	MW-2	STD		X	X	X	X				
0732	↓	↓	-02	MW-3	↓		↓	↓	↓	↓				
0753	↓	↓	-03	MW-1	↓		↓	↓	↓	↓				

ADDITIONAL INSTRUCTIONS: SITE @ quik stop #56 oakland, CA

Signature	Print Name	Company	Date	Time
<i>Joe D. Lewis</i>	JOE D. LEWIS	TRC	03-09-09	1227
<i>Tae Dickenson</i>	TAE DICKENSON	Alpha	3/19/09	1133
Relinquished by				
Received by				
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.