Quik Stop Markets, Inc.

4567 Enterprise Street • Fremont, CA 94538 • (510) 657-8500 • Fax: (510) 657-1544

August 24, 2010

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

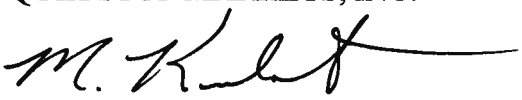
Reference: Quik Stop Market #56
3132 Beaumont Avenue
Oakland, CA 94602

Subject: Quarterly Groundwater Monitoring Report – First Quarter 2010

Dear Mr. Plunkett:

I have reviewed and approved the subject report. I declare, under penalty of perjury, that the information and/or recommendations contained in the report are true and correct to the best of my knowledge.

Sincerely,
QUIK STOP MARKETS, INC.



Mike Karvelot
Director of Environmental Affairs

1590 Solano Way
#A
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

April 30, 2010

Project No. 174867

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 2010

Dear Mr. Plunkett:

Enclosed is a copy of the *First Quarter 2010 Quarterly Groundwater Monitoring Report* for the property located at 3132 Beaumont Avenue in Oakland, California. This report is submitted on behalf of 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
Project Manager

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

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April 30, 2010 Project No. 174867

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 2010

Dear Mr. Karvelot:

This *First Quarter 2010 Quarterly Groundwater Monitoring Report* presents the results of the First Quarter 2010 fluid level monitoring and groundwater sampling at the above-referenced site (Figure 1). The work at the 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 AND GROUNDWATER FLOW PATTERNS

Fluid levels were measured in onsite monitoring wells MW-1, MW-2, and MW-3, and offsite monitoring wells MW-4, MW-5, MW-6 and MW-7 on March 19, 2010. Refer to Table 1 for fluid-level monitoring data, and to Figure 2 for a groundwater elevation contour map based on the fluid-level measurements. A description of fluid-level monitoring procedures is included in the Appendix.

Groundwater elevations range between 123.30 feet above mean sea level (MSL) in MW-6 at the south end of the study area to 132.05 feet above MSL in MW-3 in the north, with an average elevation of 127.68 feet above MSL. Groundwater flow direction was predominantly to the southwest at a gradient of 0.079 feet per foot in the northern portion of the study area, and approximately 0.025 feet per foot over the entire extent of the well network (i.e., extending to MW-6 at the southern end of the study area). South-southeastern and western components of groundwater flow are also evident at the west and east portions of the well network, respectively. The observed variation in groundwater flow direction and gradient may be attributed to local topography, with 14th Avenue (Beaumont Avenue) forming a north-south depression relative to the steeply trending perpendicular

East 31st Street to the east and west. Surface topography is also generally steeper at the north end of the study area (near Site) than at the south end (near MW-6), which could explain the gentler gradient in the south relative to that in the northern portion of the study area.

2.0 GROUNDWATER SAMPLING

2.1 Field Sampling and Analytical Testing

On March 19, 2010, groundwater samples were collected from onsite wells MW-1, MW-2, and MW-3, and offsite monitoring wells MW-4, MW-5, MW-6 and MW-7. Approximately 69 gallons of purge water and equipment rinsate were generated during groundwater sampling activities conducted on March 19, 2010. The purge water was stored onsite in two Department of Transportation-approved 55-gallon drums pending disposal. General Field Procedures, Field Measurement Forms, Official Laboratory Reports, and Chain of Custody Records are included in the Appendix. Groundwater samples were submitted to a state-certified laboratory for analysis of the following constituents:

- Total petroleum hydrocarbons as gasoline (TPH-G) by EPA Method SW8015B
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method SW8260B.
- Fuel Oxygenates by EPA Method 8260B, including:
  - Methyl tert-butyl ether (MTBE)
  - Tertiary butyl alcohol (TBA)
  - Di-isopropyl ether (DIPE)
  - Ethyl tertiary butyl ether (ETBE)
  - Tertiary amyl methyl ether (TAME)
- Ethanol by EPA Method SW8260B-DI.

2.2 Analytical Results

First Quarter 2010 groundwater analytical results are summarized in Table 1 and Figure 3. TPH-G concentrations reported during this event ranged from non-detect (<50 micrograms per liter [µg/L]) to 1,100 µg/L (MW-1). MTBE concentrations ranged from non-detect (<0.50 µg/L) to 1,000 µg/L (MW-1), and TBA concentrations ranged from non-detect (<10 µg/L) to 5,300 µg/L (MW-1) during this sampling event. Xylene was detected at 0.97 µg/L in MW-4. No other analytes were detected above their respective reporting limits.

2.3 Discussion

The First Quarter 2010 monitoring event represents the third monitoring with the expanded well network (i.e., including offsite wells MW-4 through MW-7), and is also the third monitoring event to include the analysis of dissolved phase TBA, DIPE, ETBE and TAME. In general, the results are consistent with those from historic sampling events and the previous Fourth Quarter 2009 monitoring event.

The presence of detectable levels of TPH-G and TBA was reported in the southern (downgradient) Site area, in wells MW-1 and MW-4, the latter located immediately beyond the southern Site perimeter.

MTBE was detected in five of the seven groundwater samples analyzed (i.e., except for MW-3 and MW-5). The maximum concentration of MTBE was reported in MW-1, which is consistent with historical results. The spatial pattern of MTBE in groundwater is not readily apparent, but will be the subject of ongoing investigation as part of the required Site Conceptual Model currently being developed per ACDEH request.

3.0 LIST OF ATTACHMENTS

Figure 1:	Vicinity Map
Figure 2:	Groundwater Elevation Contour Map, March 19, 2010
Figure 3:	Dissolved-Phase Constituent Concentrations, March 19, 2010
Table 1:	Summary of Groundwater Levels and Chemical Analysis
Appendix:	General Field Procedures, Field Measurement Forms, Official Laboratory Reports, and Chain of Custody Records

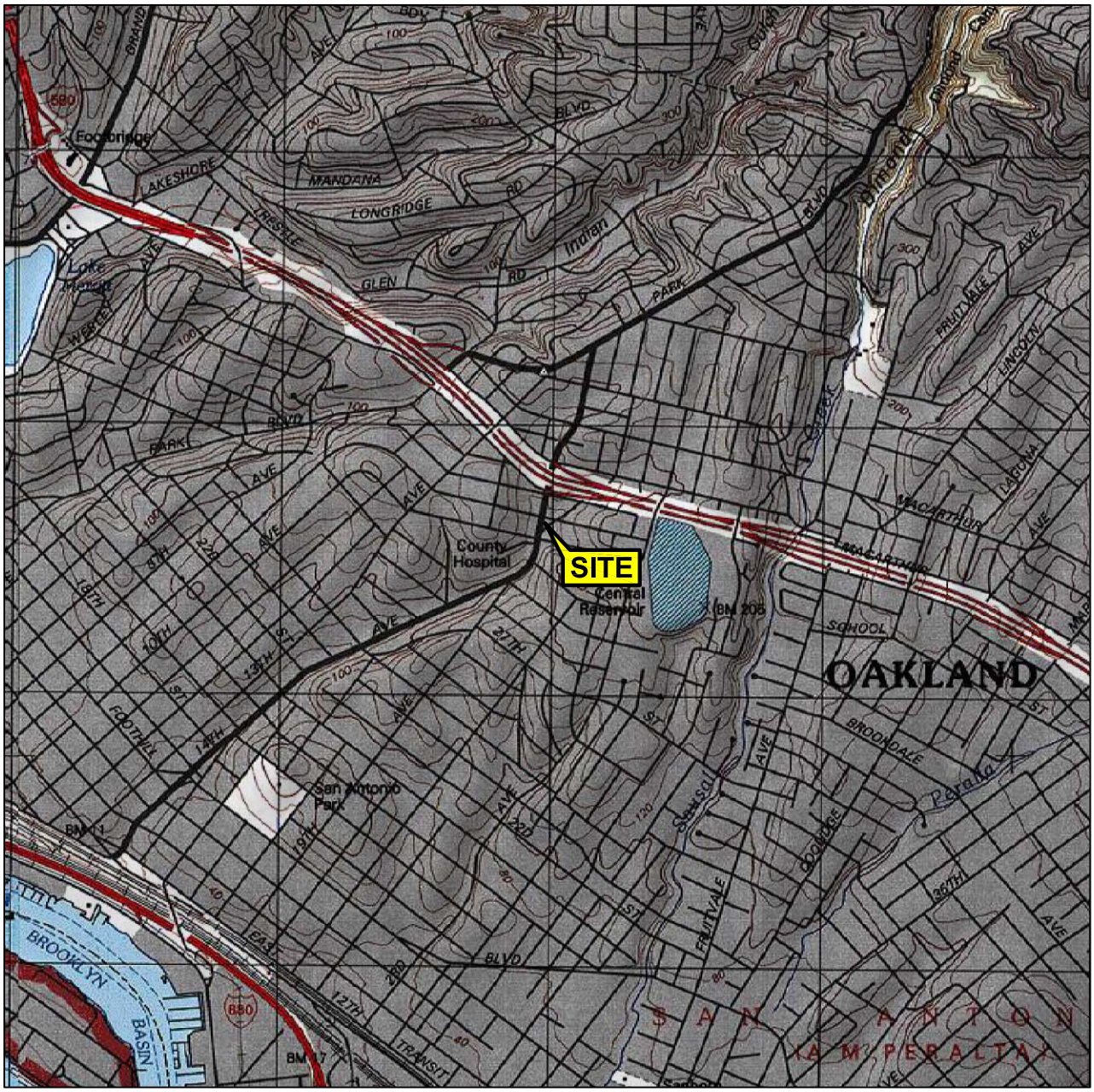
If you have any questions regarding this report, please call me at (925) 688-2473.

Sincerely,

Jonathan Scheiner
Project Manager

Keith Woodburne, P.G.
Senior Project Geologist

FIGURES



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

SCALE 1 : 24,000

N

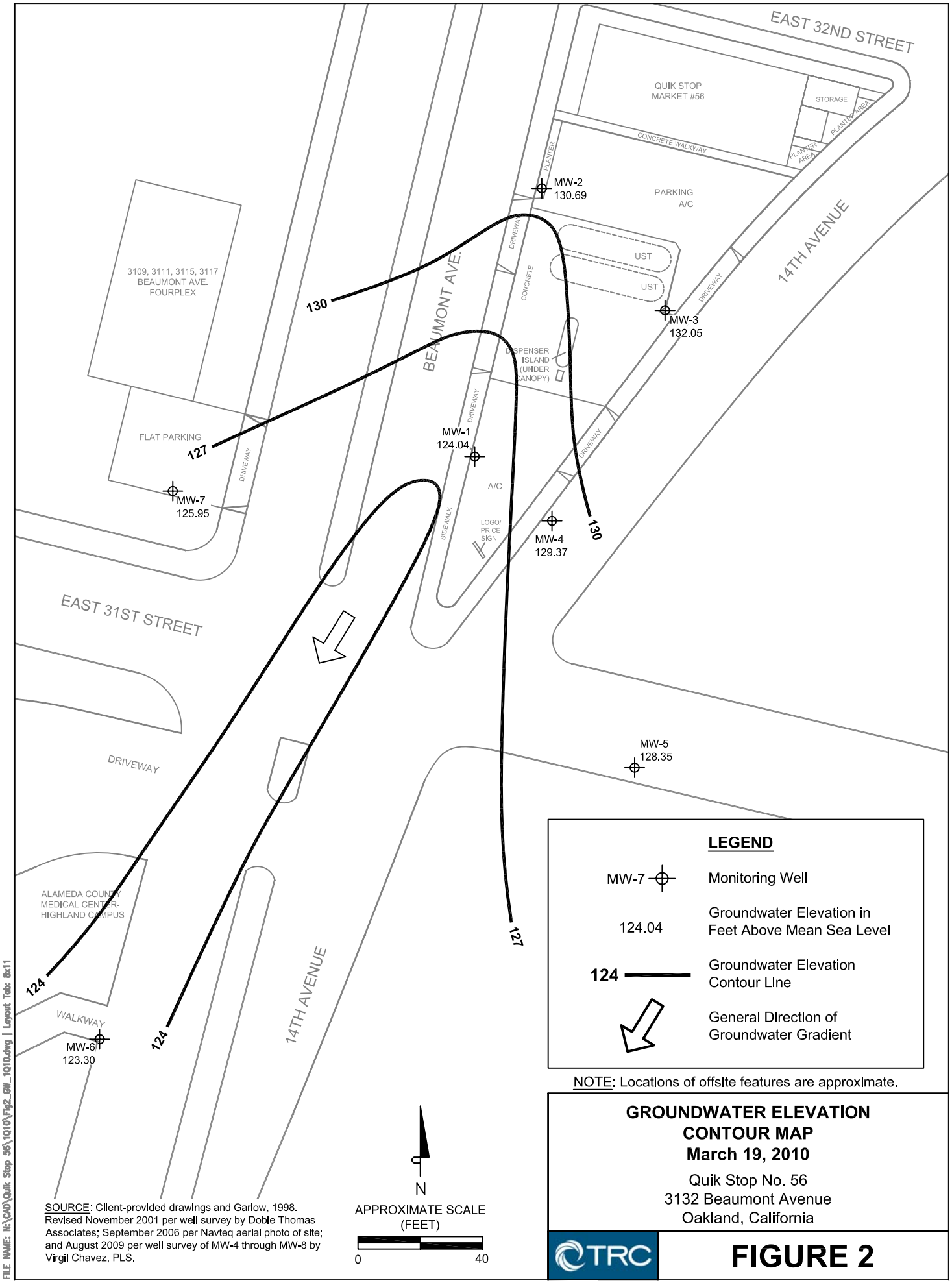
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland East and
Oakland West Quadrangles

VICINITY MAP

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC

FIGURE 1



NOTE: Locations of offsite features are approximate.

SOURCE: Client-provided drawings and Garlow, 1998. Revised November 2001 per well survey by Doble Thomas Associates; September 2006 per Navteq aerial photo of site; and August 2009 per well survey of MW-4 through MW-8 by Virgil Chavez, PLS.

GROUNDWATER ELEVATION CONTOUR MAP
March 19, 2010

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC

FIGURE 2

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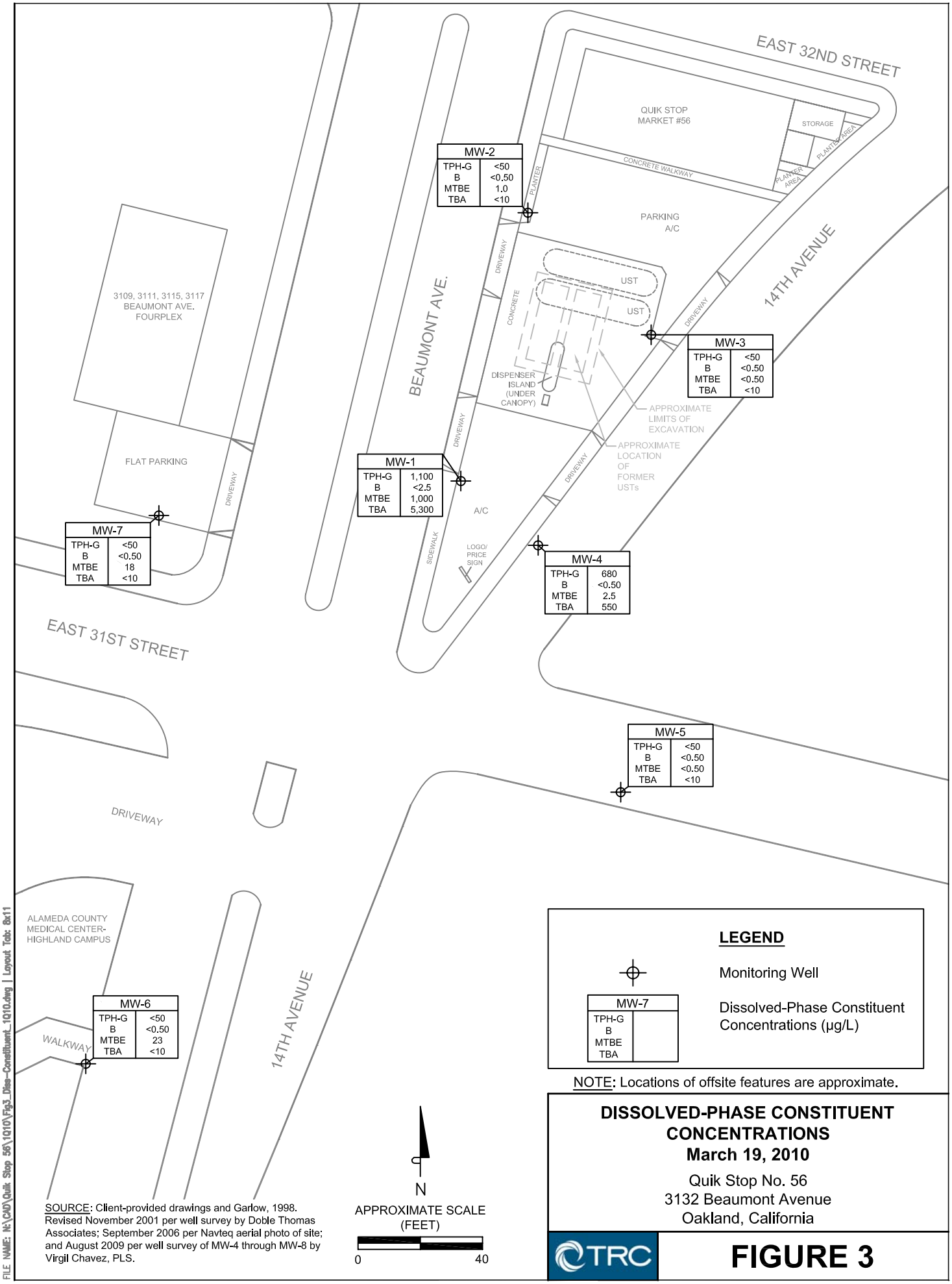

NOTE: Locations of offsite features are approximate.

SOURCE: Client-provided drawings and Garlow, 1998. Revised November 2001 per well survey by Doble Thomas Associates; September 2006 per Navteq aerial photo of site; and August 2009 per well survey of MW-4 through MW-8 by Virgil Chavez, PLS.

DISSOLVED-PHASE CONSTITUENT CONCENTRATIONS
March 19, 2010

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC

FIGURE 3

FILE NAME: N:\CAD\Quik Stop 56\1010\Fig3_Diss-Constituent_1010.dwg | Layout Tab: 8x11

TABLE

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 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (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-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	—	—	—	—	—
MW-1	06/29/09	134.13	11.33	122.80	430	<1.0	<1.0	<1.0	<1.0	730	<5.0	—	—	—	—	—
MW-1	09/11/09	134.13	11.01	123.12	880	<2.5	<2.5	<2.5	<2.5	980	<5.0	7,000	<5.0	<5.0	<5.0	—
MW-1	12/08/09	134.13	11.86	122.27	710	<2.5	<2.5	<2.5	<2.5	1,300	<5.0	9,900	<5.0	<5.0	<5.0	—
MW-1	03/19/10	134.13	10.09	124.04	1,100	<2.5	<2.5	<2.5	<2.5	1,000	<5.0	5,300	<5.0	<5.0	<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 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 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (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-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	—	—	—	—	—
MW-2	06/29/09	135.16	5.39	129.77	<50	<0.50	<0.50	<0.50	<0.50	1.1	<5.0	—	—	—	—	—
MW-2	09/11/09	135.16	5.78	129.38	<50	<0.50	<0.50	<0.50	<0.50	1.4	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	12/08/09	135.16	5.48	129.68	<50	<0.50	<0.50	<0.50	<0.50	1.5	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	03/19/10	135.16	4.47	130.69	<50	<0.50	<0.50	<0.50	<0.50	1.0	<5.0	<10	<1.0	<1.0	<1.0	—
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 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 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (mg/L)
MW-3	10/21/02	136.35	6.57	129.78	<50	<0.50	<0.50	<0.50	<0.50	5.8	—	—	—	—	—	—
MW-3	03/05/03	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	—	—	—	—	—
MW-3	06/30/08	136.35	6.16	130.19	<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	0.54	<5.0	—	—	—	—	—
MW-3	11/25/08	136.35	6.37	129.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	—	—	—	—	—
MW-3	03/09/09	136.35	4.19	132.16	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	—	—	—	—	—
MW-3	06/29/09	136.35	5.94	130.41	<50	<0.50	<0.50	<0.50	<0.50	0.68	<5.0	—	—	—	—	—
MW-3	09/11/09	136.35	6.64	129.71	<50	<0.50	<0.50	<0.50	<0.50	0.65	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	12/08/09	136.35	5.92	130.43	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	03/19/10	136.35	4.30	132.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-4	09/11/09	133.59	6.52	127.07	1,100	<5.0	<5.0	<5.0	<5.0	11	<5.0	13,000	<10	<10	<10	—
MW-4	12/08/09	133.59	5.28	128.31	780	<1.0	<1.0	<1.0	1.5	2.7	<5.0	1,200	<2.0	<2.0	<2.0	—
MW-4	03/19/10	133.59	4.22	129.37	680	<0.50	<0.50	<0.50	0.97	2.5	<5.0	550	<1.0	<1.0	<1.0	—
MW-5	09/11/09	133.58	8.51	125.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	12/08/09	133.58	7.09	126.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	03/19/10	133.58	5.23	128.35	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	09/11/09	128.83	6.47	122.36	<50	<0.50	<0.50	<0.50	<0.50	43	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	12/08/09	128.83	6.23	122.60	<50	<0.50	<0.50	<0.50	<0.50	29	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	03/19/10	128.83	5.53	123.30	<50	<0.50	<0.50	<0.50	<0.50	23	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	09/11/09	134.37	9.60	124.77	<50	<0.50	<0.50	<0.50	<0.50	17	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	12/08/09	134.37	9.24	125.13	<50	<0.50	<0.50	<0.50	<0.50	15	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	03/19/10	134.37	8.42	125.95	<50	<0.50	<0.50	<0.50	<0.50	18	<5.0	<10	<1.0	<1.0	<1.0	—

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 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (mg/L)

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
DO = dissolved oxygen
< = not detected at or above the stated detection limit
MTBE = methyl tert butyl ether
TBA = tertiary butyl alcohol
DIPE = di-isopropyl ether
ETBE = ethyl tertiary butyl ether
TAME = tertiary amyl methyl ether

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.

FIELD MONITORING DATA SHEET

Technician: Bautio Job #/Task #: 174867-TA01 Date: 3-19-10

Site # Quick Stop 56 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4	✓	0700	14.75	4.22	—	—	0807	2"
MW-5	✓	0705	10.24	5.23	—	—	0950	2"
MW-6	✓	0711	19.70	5.53	—	—	0932	2"
MW-1	✓	0716	30.05	10.09	—	—	1035	2"
MW-3	✓	0720	30.40	4.30	—	—	1200	2"
MW-2	✓	0724	29.90	4.47	—	—	1126	2"
MW-7	✓	1245	24.60	8.42	—	—	1332	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailis

Site: Quickstop 56 Project No.: 174867 Date: 3-19-10

Well No. MW-4 Purge Method: S&S

Depth to Water (feet): 4.22 Depth to Product (feet): —

Total Depth (feet) 14.75 LPH & Water Recovered (gallons): —

Water Column (feet): 10.53 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 6.32 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0757			2	680.3	12.5	6.90			
			4	685.4	14.5	6.72			
	0801		6	693.8	15.2	6.63			

Static at Time Sampled	Total Gallons Purged	Sample Time
6.10	6	0807

Comments:

Well No. MW-5 Purge Method: HS

Depth to Water (feet): 5.23 Depth to Product (feet): —

Total Depth (feet) 10.24 LPH & Water Recovered (gallons): —

Water Column (feet): 5.01 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 6.23 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0831			1	344.9	14.5	6.90			
			2	320.6	15.5	6.44			
	0839		3	310.5	15.7	6.22			

Static at Time Sampled	Total Gallons Purged	Sample Time
5.90	3	0850

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: Quick Stop 56 Project No.: 174867 Date: 3-19-10

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 5.53 Depth to Product (feet): —

Total Depth (feet) 19.70 LPH & Water Recovered (gallons): —

Water Column (feet): 14.17 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 8.36 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0908			3	1111	15.9	6.55			
	0911		6	1143	16.9	6.60			
0914	0916		9	1150	17.3	6.69			

Static at Time Sampled	Total Gallons Purged	Sample Time
8.36	9	0932

Comments:

Well No. MW-1 Purge Method: Sub

Depth to Water (feet): 10.09 Depth to Product (feet): —

Total Depth (feet) 30.05 LPH & Water Recovered (gallons): —

Water Column (feet): 19.96 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 14.08 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0946			4	9472	19.3	6.55			
			8	1022	19.6	6.54			
	0952		12	1001	20.4	6.53			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.08	12	1035

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Barila

Site: Quick Stop 56 Project No.: 174846 Date: 3-19-10

Well No. MW-3 Purge Method: Sub

Depth to Water (feet): 4.30 Depth to Product (feet): —

Total Depth (feet) 30.40 LPH & Water Recovered (gallons): —

Water Column (feet): 26.10 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.52 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1137			5	1030	20.6	6.86			
			10	1011	20.4	6.79			
	1146		15	1037	20.9	6.77			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.52	15	1200

Comments:

Well No. MW-2 Purge Method: Sub

Depth to Water (feet): 4.47 Depth to Product (feet): —

Total Depth (feet) 29.90 LPH & Water Recovered (gallons): —

Water Column (feet): 25.43 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 9.55 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1048			5	1264	20.7	6.80			
			10	1267	20.1	6.54			
	1056		15	1278	20.6	6.52			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.55	15	1126

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ~~174867~~ Basilio

Site: Quick Stop Project No.: 174867 Date: 3-19-10

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 8.42 Depth to Product (feet): —

Total Depth (feet) 24.60 LPH & Water Recovered (gallons): —

Water Column (feet): 16.18 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 11.65 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1250			3	1914	20.3	7.06			
			6	1920	20.9	6.70			
	1303		9	1923	21.1	6.66			

Static at Time Sampled	Total Gallons Purged	Sample Time
11.65	9	1332

Comments:

Well No. _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet) _____ LPH & Water 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 (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

25-Feb-10

Site ID:	Quik Stop 56	**Project No.:**	174867.0000.0000/00TA01
Address	3132 Beaumont Avenue	**Client:**	Jonathan Scheiner
City:	Oakland	**Contact #:**	925-688-1200
Cross Street:	East 31st Street and 14th Avenue	**PM:**	
		PM Contact #:	

Total number of wells:	7	**Min. Well Diameter (in.):**		**# of Techs, # of Hrs:**	1 , 8
Depth to Water (ft.):	5	**Max. Well Diameter (in.):**	2	**Travel Time (hrs):**	
		Max. Well Depth (ft):	30		

ACTIVITIES:		**Frequency**	**Notes**
Gauging:	☑	Quarterly	
Purge/Sampling:	☑	Quarterly	
No Purge/Sample	☐		

RELATED ACTIVITIES		**Note**
Drums:	☑	Leave drums behind bldg.
Other Activities:	☐	
Traffic Control:	☑	Permit Needed

PERMIT INFORMATION:

Per event.

NOTIFICATIONS:

Call Archie Dupre 2X (1 week prior and 2 days prior) for access to the Beaumont Apts (MW-7).
Cell: 510-306-5058 - primary number
Ph: 510-839-5802

SITE INFORMATION:

Arrive on site and park in space near MW-2 not blocking driveway or pumps. Open all well caps and allow water levels to stabilize for 15 minutes (from the opening of the last well) before gauging.

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

25-Feb-10

Site ID:	Quik Stop 56	**Project No.:**	174867.0000.0000/00TA01
Address	3132 Beaumont Avenue	**Client:**	Jonathan Scheiner
City:	Oakland	**Contact #:**	925-688-1200
Cross Street:	East 31st Street and 14th Avenue	**PM:**	
		PM Contact #:	

LAB INFORMATION:

Global ID:

Lab WO: 21124

Lab Used: Alpha Analytical

Lab Notes: Lab analyses:
TPH-g by 8260B, BTEX/MTBE/5 OXYs by 8260B, Ethanol by 8260B[Containers: 6 voas w/HCl]

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: Jonathan Scheiner
Phone: (925) 688-2473
Fax: (925) 688-0388
Date Received : 03/23/10

Job: Quik Stop 56

GC/MSD by Direct Injection
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **MW-4**				
Lab ID : TRC10032346-01A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 08:07				
Client ID: **MW-5**				
Lab ID : TRC10032346-02A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 08:50				
Client ID: **MW-6**				
Lab ID : TRC10032346-03A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 09:32				
Client ID: **MW-1**				
Lab ID : TRC10032346-04A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 10:35				
Client ID: **MW-3**				
Lab ID : TRC10032346-05A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 12:00				
Client ID: **MW-2**				
Lab ID : TRC10032346-06A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 11:26				
Client ID: **MW-7**				
Lab ID : TRC10032346-07A Ethanol	ND	5.0 µg/L	03/23/10 12:51	03/23/10
Date Sampled 03/19/10 13:32				

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 / Carson, CA • (310) 803-7761 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

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.

4/5/10
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: Jonathan Scheiner
Phone: (925) 688-2473
Fax: (925) 688-0388
Date Received : 03/23/10

Job: Quik Stop 56

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

		Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	**MW-4**					
Lab ID :	TRC10032346-01A	TPH-P (GRO)	0.68	0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 08:07	Tertiary Butyl Alcohol (TBA)	550	10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	2.5	0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	03/24/10	03/24/10
		Benzene	ND	0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	03/24/10	03/24/10
		Toluene	ND	0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND	0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	0.97	0.50 µg/L	03/24/10	03/24/10
Client ID :	**MW-5**					
Lab ID :	TRC10032346-02A	TPH-P (GRO)	ND	0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 08:50	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	03/24/10	03/24/10
		Benzene	ND	0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	03/24/10	03/24/10
		Toluene	ND	0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND	0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND	0.50 µg/L	03/24/10	03/24/10
Client ID :	**MW-6**					
Lab ID :	TRC10032346-03A	TPH-P (GRO)	ND	0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 09:32	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	23	0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	03/24/10	03/24/10
		Benzene	ND	0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	03/24/10	03/24/10
		Toluene	ND	0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND	0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND	0.50 µg/L	03/24/10	03/24/10

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Client ID :	**MW-1**						
Lab ID :	TRC10032346-04A	TPH-P (GRO)	1.1		0.50 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 10:35	Tertiary Butyl Alcohol (TBA)	5,300		50 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	1,000		2.5 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND	V	5.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	5.0 µg/L	03/24/10	03/24/10
		Benzene	ND	V	2.5 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND	V	5.0 µg/L	03/24/10	03/24/10
		Toluene	ND	V	2.5 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND	V	2.5 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND	V	2.5 µg/L	03/24/10	03/24/10
Client ID :	**MW-3**						
Lab ID :	TRC10032346-05A	TPH-P (GRO)	ND		0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 12:00	Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	03/24/10	03/24/10
		Benzene	ND		0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	03/24/10	03/24/10
		Toluene	ND		0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND		0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND		0.50 µg/L	03/24/10	03/24/10
Client ID :	**MW-2**						
Lab ID :	TRC10032346-06A	TPH-P (GRO)	ND		0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 11:26	Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	1.0		0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	03/24/10	03/24/10
		Benzene	ND		0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	03/24/10	03/24/10
		Toluene	ND		0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND		0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND		0.50 µg/L	03/24/10	03/24/10
Client ID :	**MW-7**						
Lab ID :	TRC10032346-07A	TPH-P (GRO)	ND		0.050 mg/L	03/24/10	03/24/10
Date Sampled	03/19/10 13:32	Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	03/24/10	03/24/10
		Methyl tert-butyl ether (MTBE)	18		0.50 µg/L	03/24/10	03/24/10
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	03/24/10	03/24/10
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	03/24/10	03/24/10
		Benzene	ND		0.50 µg/L	03/24/10	03/24/10
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	03/24/10	03/24/10
		Toluene	ND		0.50 µg/L	03/24/10	03/24/10
		Ethylbenzene	ND		0.50 µg/L	03/24/10	03/24/10
		Xylenes, Total	ND		0.50 µg/L	03/24/10	03/24/10

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Gasoline Range Organics (GRO) C4-C13

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

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

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4/5/10

Report Date

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VOC Sample Preservation Report

Work Order: TRC10032346 **Job:** Quik Stop 56

Alpha's Sample ID	Client's Sample ID	Matrix	pH
10032346-01A	MW-4	Aqueous	2
10032346-02A	MW-5	Aqueous	2
10032346-03A	MW-6	Aqueous	2
10032346-04A	MW-1	Aqueous	2
10032346-05A	MW-3	Aqueous	2
10032346-06A	MW-2	Aqueous	2
10032346-07A	MW-7	Aqueous	2

4/5/10

Report Date

Alpha Analytical, Inc.

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Date: *01-Apr-2010*

QC Summary Report

Work Order: 10032346

Method Blank

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

File ID: **C:\HPCHEM\MS11\DATA\100323\10032309.D** Batch ID: **23803** Analysis Date: **03/23/2010 16:26**

Sample ID: **MBLK-23803** Units : **µg/L** Run ID: **MSD_11_100324A** Prep Date: **03/23/2010 12:51**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	ND	5								
Surr: Hexafluoro-2-propanol	459		500		92	70	130			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS11\DATA\100323\10032305.D** Batch ID: **23803** Analysis Date: **03/23/2010 15:07**

Sample ID: **LCS-23803** Units : **µg/L** Run ID: **MSD_11_100324A** Prep Date: **03/23/2010 12:51**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	295	5	250		118	70	142			
Surr: Hexafluoro-2-propanol	528		500		106	70	130			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS11\DATA\100323\10032307.D** Batch ID: **23803** Analysis Date: **03/23/2010 15:47**

Sample ID: **10032346-02AMS** Units : **µg/L** Run ID: **MSD_11_100324A** Prep Date: **03/23/2010 12:51**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	261	5	250	0	104	68	143			
Surr: Hexafluoro-2-propanol	479		500		96	70	130			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS11\DATA\100323\10032308.D** Batch ID: **23803** Analysis Date: **03/23/2010 16:07**

Sample ID: **10032346-02AMSD** Units : **µg/L** Run ID: **MSD_11_100324A** Prep Date: **03/23/2010 12:51**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	305	5	250	0	122	68	143	260.8	15.5(20)	
Surr: Hexafluoro-2-propanol	591		500		118	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: *01-Apr-2010*

QC Summary Report

Work Order: 10032346

Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\100324\10032405.D** Batch ID: **MS10W0324B** Analysis Date: **03/24/2010 11:48**

Sample ID: **MBLK MS10W0324B** Units : **mg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 11:48**

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	0.0104		0.01		104	70	130			
Surr: Toluene-d8	0.00966		0.01		97	70	130			
Surr: 4-Bromofluorobenzene	0.0115		0.01		115	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\100324\10032404.D** Batch ID: **MS10W0324B** Analysis Date: **03/24/2010 11:26**

Sample ID: **GLCS MS10W0324B** Units : **mg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 11:26**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.44	0.05	0.4		110	70	130			
Surr: 1,2-Dichloroethane-d4	0.0103		0.01		103	70	130			
Surr: Toluene-d8	0.00942		0.01		94	70	130			
Surr: 4-Bromofluorobenzene	0.0101		0.01		101	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\100324\10032408.D** Batch ID: **MS10W0324B** Analysis Date: **03/24/2010 12:53**

Sample ID: **10032361-01AGS** Units : **mg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.47	0.25	2	0	124	58	135			
Surr: 1,2-Dichloroethane-d4	0.0518		0.05		104	70	130			
Surr: Toluene-d8	0.0474		0.05		95	70	130			
Surr: 4-Bromofluorobenzene	0.0578		0.05		116	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\100324\10032409.D** Batch ID: **MS10W0324B** Analysis Date: **03/24/2010 13:15**

Sample ID: **10032361-01AGSD** Units : **mg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 13:15**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.51	0.25	2	0	125	58	135	2.473	1.4(20)	
Surr: 1,2-Dichloroethane-d4	0.0506		0.05		101	70	130			
Surr: Toluene-d8	0.0475		0.05		95	70	130			
Surr: 4-Bromofluorobenzene	0.0572		0.05		114	70	130			

Comments:

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Date: *01-Apr-2010*

QC Summary Report

Work Order: 10032346

Method Blank

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

File ID: **C:\HPCHEM\MS10\DATA\100324\10032405.D** Batch ID: **MS10W0324A** Analysis Date: **03/24/2010 11:48**

Sample ID: **MBLK MS10W0324A** Units : **µg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 11:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
Xylenes, Total	ND	0.5								
Surr: 1,2-Dichloroethane-d4	10.4		10		104	70	130			
Surr: Toluene-d8	9.66		10		97	70	130			
Surr: 4-Bromofluorobenzene	11.5		10		115	70	130			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS10\DATA\100324\10032403.D** Batch ID: **MS10W0324A** Analysis Date: **03/24/2010 11:04**

Sample ID: **LCS MS10W0324A** Units : **µg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 11:04**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.02	0.5	10		90	62	136			
Benzene	9.59	0.5	10		96	70	130			
Toluene	8.67	0.5	10		87	80	120			
Ethylbenzene	8.82	0.5	10		88	80	120			
Xylenes, Total	18.1	0.5	20		90	70	130			
Surr: 1,2-Dichloroethane-d4	11.2		10		112	70	130			
Surr: Toluene-d8	9.02		10		90	70	130			
Surr: 4-Bromofluorobenzene	11.2		10		112	70	130			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS10\DATA\100324\10032406.D** Batch ID: **MS10W0324A** Analysis Date: **03/24/2010 12:09**

Sample ID: **10032361-01AMS** Units : **µg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 12:09**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	52.3	1.3	50	0	105	56	141			
Benzene	56.8	1.3	50	0	114	67	130			
Toluene	52.3	1.3	50	0	105	66	130			
Ethylbenzene	52.5	1.3	50	0	105	68	130			
Xylenes, Total	105	1.3	100	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	55		50		110	70	130			
Surr: Toluene-d8	46		50		92	70	130			
Surr: 4-Bromofluorobenzene	57		50		114	70	130			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS10\DATA\100324\10032407.D** Batch ID: **MS10W0324A** Analysis Date: **03/24/2010 12:31**

Sample ID: **10032361-01AMSD** Units : **µg/L** Run ID: **MSD_10_100324A** Prep Date: **03/24/2010 12:31**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	50.8	1.3	50	0	102	56	141	52.3	2.9(20)	
Benzene	53.9	1.3	50	0	108	67	130	56.82	5.3(20)	
Toluene	50	1.3	50	0	100	66	130	52.28	4.4(20)	
Ethylbenzene	50.4	1.3	50	0	101	68	130	52.54	4.1(20)	
Xylenes, Total	100	1.3	100	0	100	70	130	105.2	5.1(20)	
Surr: 1,2-Dichloroethane-d4	53.6		50		107	70	130			
Surr: Toluene-d8	46.3		50		93	70	130			
Surr: 4-Bromofluorobenzene	58.8		50		118	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.

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 : TRC10032346

Report Due By : 5:00 PM On : 06-Apr-10

Client:
TRC-Alton Geoscience
1590 Solano Way Suite A

Concord, CA 94520

Report Attention	Phone Number	EMail Address
Jonathan Scheiner	(925) 688-2473 x	jscheiner@trcsolutions.com

EDD Required : **Yes**

Sampled by : Basilio Del Real

PO : 21124

Client's COC # : 19060 Job : Quik Stop 56

Cooler Temp	Samples Received	Date Printed
4 °C	23-Mar-10	**23-Mar-10**

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests ALCOHOL_W	TPH/P_W	VOC_W					Sample Remarks
TRC10032346-01A	MW-4	AQ	03/19/10 08:07	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-02A	MW-5	AQ	03/19/10 08:50	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-03A	MW-6	AQ	03/19/10 09:32	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-04A	MW-1	AQ	03/19/10 10:35	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-05A	MW-3	AQ	03/19/10 12:00	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-06A	MW-2	AQ	03/19/10 11:26	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					
TRC10032346-07A	MW-7	AQ	03/19/10 13:32	6	0	10	Low Level EtOH	GAS-C	BTEX/OXY_C					

Comments: Security seals intact. Frozen ice. Total Xylenes. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Jaime Johnson	Jaime Dickinson	Alpha Analytical, Inc.	3/23/10 11:22

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 925-688-0388

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 X NV ___ WA ___
ID ___ OR ___ OTHER ___

19660

Page # 1 of 1

Client Name TRC	P.O. # 21124	Job # Quik Stop 56
Address 1590 Solano Way, Ste A	EMail Address jschemer@trcsolutions.com	
City, State, Zip Concord, CA 94520	Phone # 925-688-2473	Fax # 925-688-0388
Report Attention Jonathan Scheiner		

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by Basilio DelReal / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	TPH-g by 8260B	BTEX MTBE by 8260B	5 OXYs by 8260B	Ethanol by 8260B				REMARKS
0807	3/19/10	AQ	TRC10032346-01	MW-4	STD	No	V	X	X	X	X				
0850			-02	MW-5											
0932			-03	MW-6											
1035			-04	MW-1											
1200			-05	MW-3											
1126			-06	MW-2											
1332			-07	MW-7											

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by		Basilio DelReal	TRC	3-19-10	1500
Received by		Lisa de Silva	ALPHA	3-22-10	1030
Relinquished by		Lisa de Silva	ALPHA	3-22-10	1500
Received by		Tara Dickinson	Alpha	3/23/10	11:22
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.