Quik Stop Markets, Inc.

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

RECEIVED

11:12 am, Feb 02, 2012

Alameda County
Environmental Health

January 25, 2012

Mr. Paresh Khatri
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: Fourth Quarter 2011 Semiannual Groundwater Monitoring Report

Dear Mr. Khatri:

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

Sincerely,
QUIK STOP MARKETS, INC.

M. Karvelot

Mike Karvelot
Director of Environmental Affairs

One Concord Center
2300 Clayton Road, Suite 610
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

January 25, 2012 Project No. 183318

Mr. Paresh Khatri
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: SEMIANNUAL GROUNDWATER MONITORING REPORT
FOURTH QUARTER 2011

Dear Mr. Khatri:

Enclosed is a copy of the *Fourth Quarter 2011 Semiannual 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 E. Scheiner

Jonathan Scheiner
Project Manager

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

One Concord Center
2300 Clayton Road, Suite 610
Concord, CA 94520

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January 25, 2012 Project No. 183318

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: SEMIANNUAL GROUNDWATER MONITORING REPORT
FOURTH QUARTER 2011

Dear Mr. Karvelot:

This *Fourth Quarter 2011 Semiannual Groundwater Monitoring Report* presents the results of the Fourth Quarter 2011 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 December 5, 2011. 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 122.49 feet above mean sea level (MSL) in MW-6 at the south end of the study area to 130.44 feet above MSL in MW-3 in the north, with an average elevation of 126.51 feet above MSL. Groundwater flow direction was predominantly to the southwest at a gradient of 0.074 feet per foot in the northern portion of the study area, and approximately 0.024 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 December 5, 2011, 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 102 gallons of purge water and equipment rinsate were generated during groundwater sampling activities conducted on December 5, 2011. 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

Fourth Quarter 2011 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 510 µg/L (MW-4). MTBE concentrations ranged from non-detect (<0.50 µg/L) to 220 µg/L (MW-1), and TBA concentrations ranged from non-detect (<10 µg/L) to 790 µg/L (MW-1) during this sampling event. Xylenes and TAME were also detected in MW-4 at concentrations of 0.69 µg/L and 4.2 µg/L, respectively. No other analytes were detected above their respective reporting limits.

2.3 Discussion

The Fourth Quarter 2011 monitoring event represents the eighth monitoring with the expanded well network (i.e., including offsite wells MW-4 through MW-7), and is also the eighth 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 Second Quarter 2011 monitoring event with the exception of the detection of TAME in MW-4 for the first time in any of the wells.

The presence of a detectable level of TPH-G was reported in the southern (downgradient) Site area, in wells MW-1 (at historically low concentrations) and MW-4. TBA was also detected in

both downgradient wells MW-1 and MW-4 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.

Overall diminishing trends are apparent for TPH-G in wells where detectable levels have been reported (i.e., downgradient, near Site wells MW-1, MW-4). Similarly diminishing trends are apparent for MTBE in wells where highest detectable levels have historically been reported (e.g., MW-1), and for TBA (in MW-1, MW-4).

As concluded in the Site Conceptual Model, the lateral extent of impacts to shallow groundwater has been defined, and the well network is deemed adequate (TRC, 2011). Pursuant to a request by the ACDEH dated June 23, 2011, the vertical extent of groundwater impacts is being evaluated following the requested installation of Cone Penetration Testing (CPT) borings into deeper water bearing zones locally downgradient of the source area.

3.0 LIST OF ATTACHMENTS

Figure 1:	Vicinity Map
Figure 2:	Groundwater Elevation Contour Map, December 5, 2011
Figure 3:	Dissolved-Phase Constituent Concentrations, December 5, 2011
Table 1:	Summary of Groundwater Levels and Chemical Analysis
Appendix:	General Field Procedures, Field Measurement Forms, Official Laboratory Reports, and Chain of Custody Records

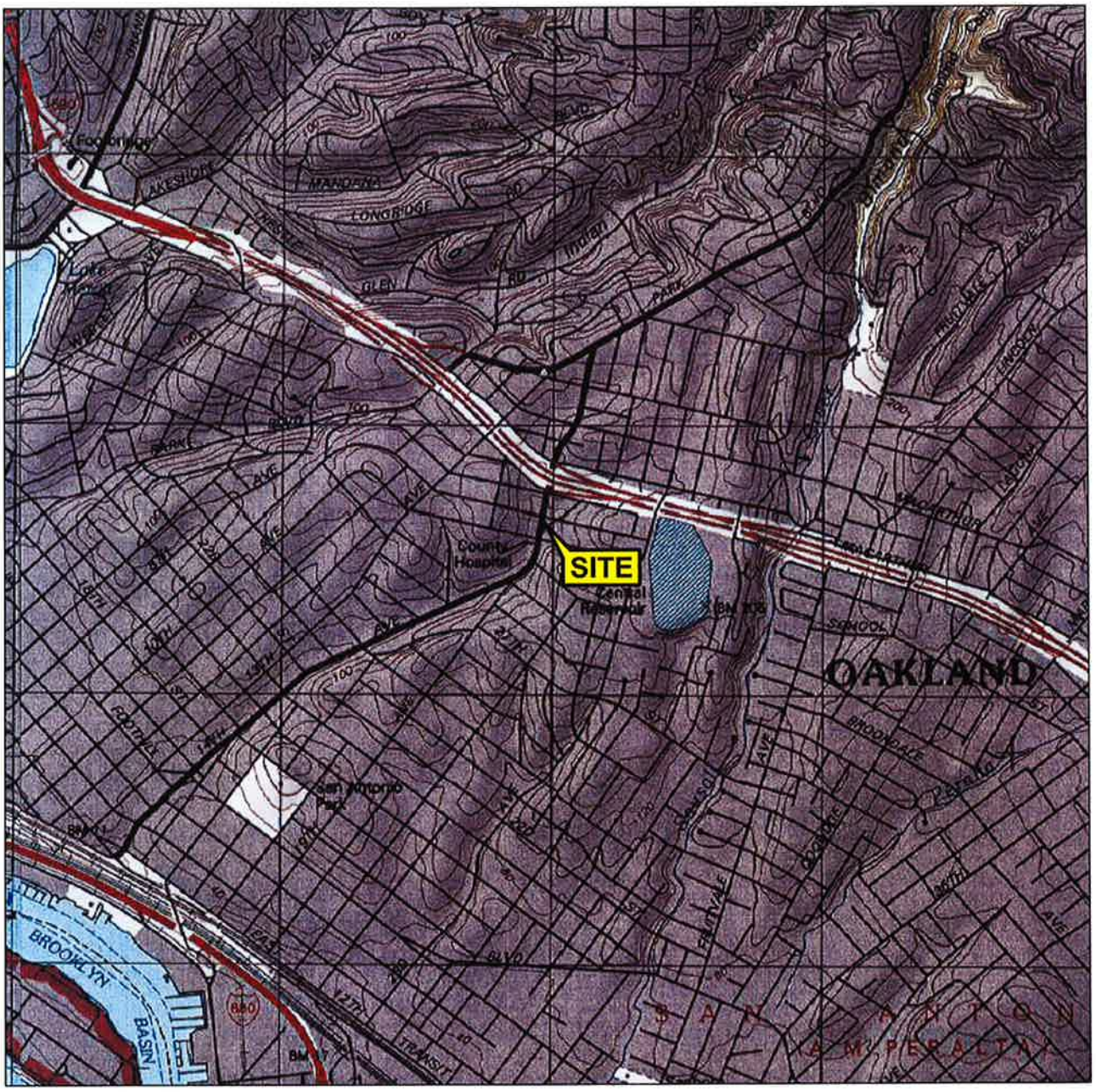
If you have any questions regarding this report, please call me at (925) 688-2473.

Sincerely,

Jonathan Scheiner
Project Manager

Rachelle Clair, P.G.
Project Geologist

FIGURES



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

SCALE 1 : 24,000

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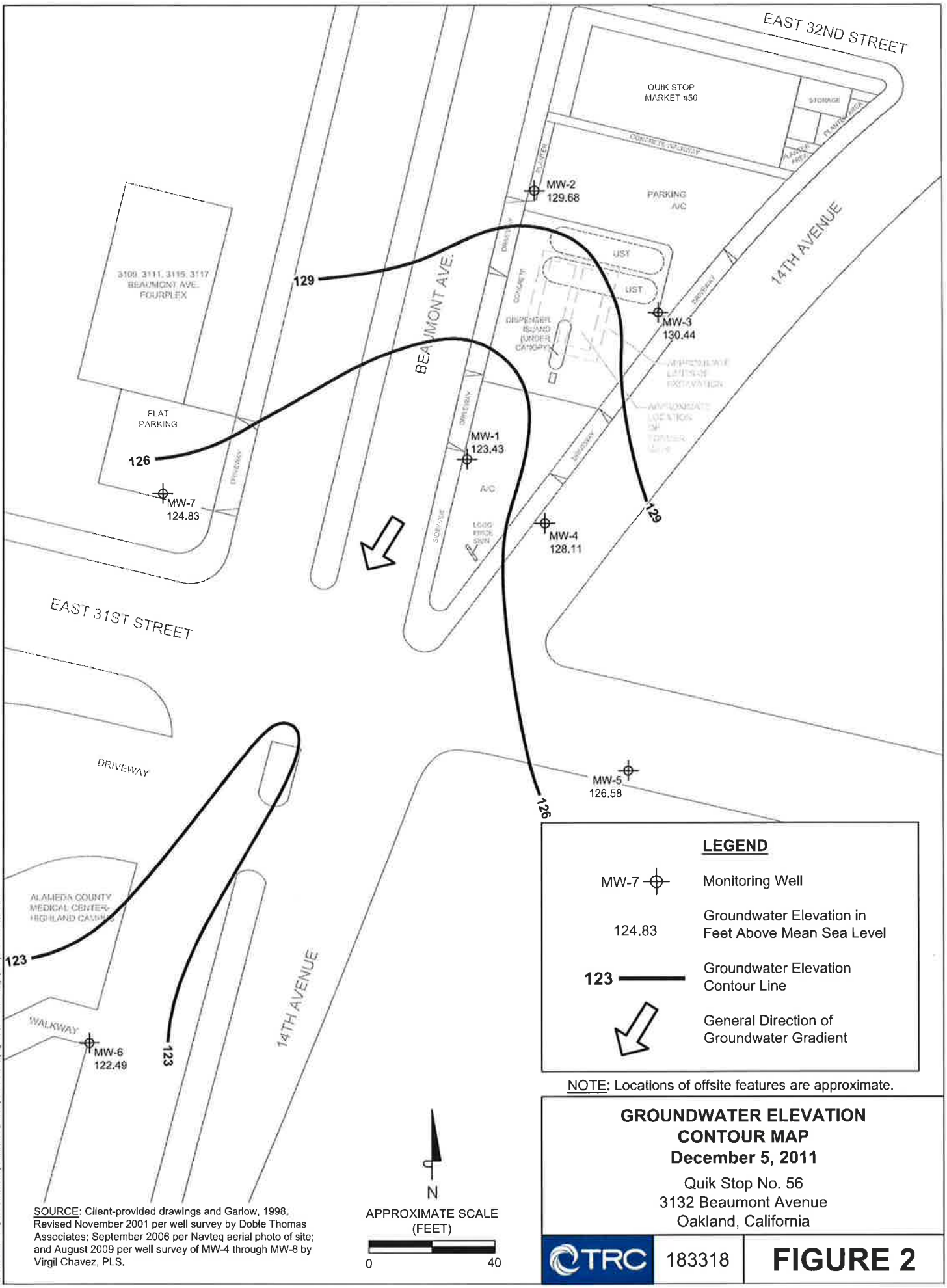
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland East and
Oakland West Quadrangles

VICINITY MAP

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC

FIGURE 1



NOTE: Locations of offsite features are approximate.

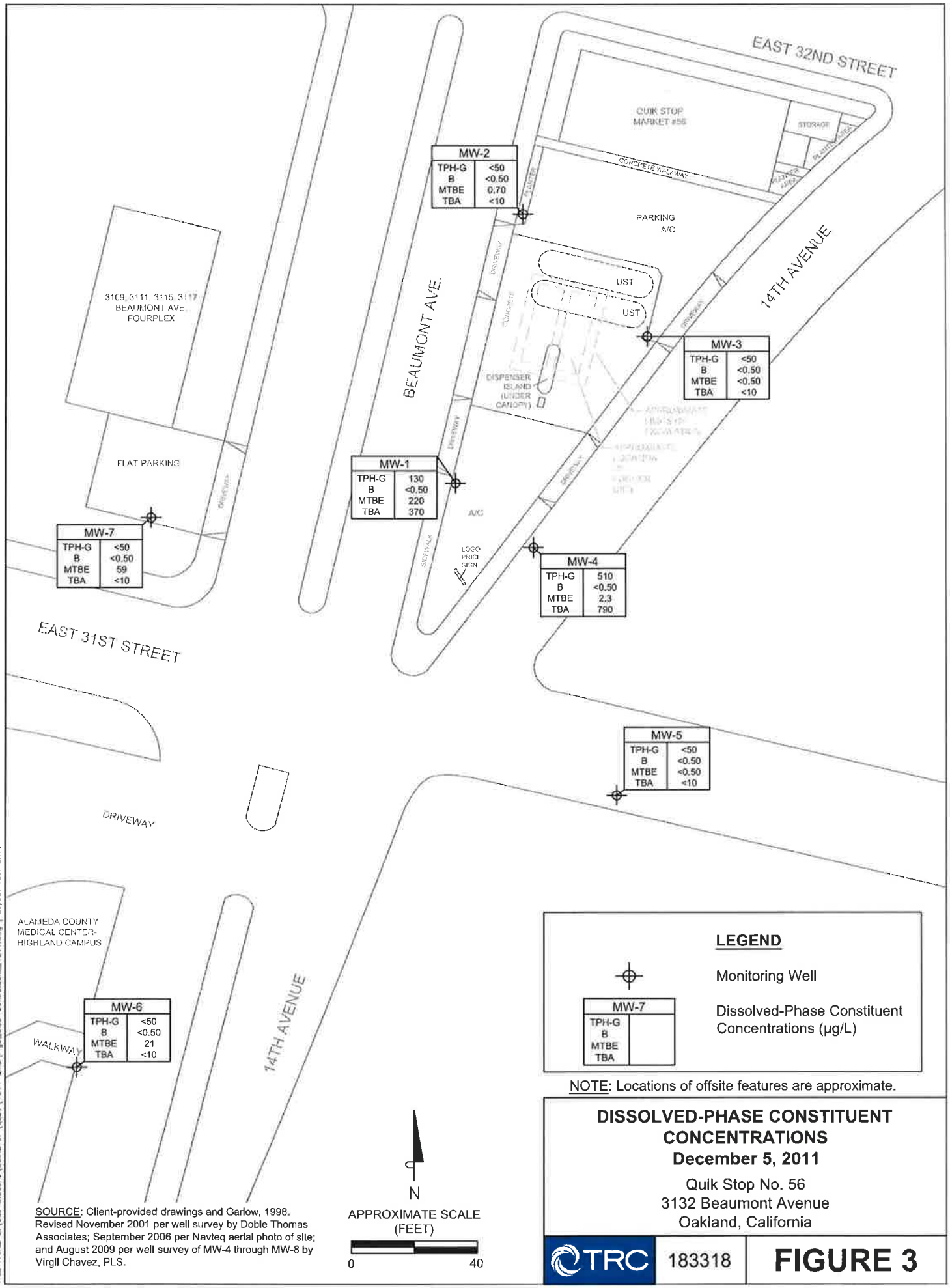
SOURCE: Client-provided drawings and Garlow, 1998. Revised November 2001 per well survey by Doble Thomas Associates; September 2006 per Navteq aerial photo of site; and August 2009 per well survey of MW-4 through MW-8 by Virgil Chavez, PLS.

GROUNDWATER ELEVATION CONTOUR MAP
December 5, 2011

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC | 183318 | **FIGURE 2**

FILE NAME: Z:\Geo Stations\QUIKSTOP\Qs56\4Q11 GMS\Fig2_GW_4Q11.dwg | Layout Tab: 8x11



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
December 5, 2011

Quik Stop No. 56
3132 Beaumont Avenue
Oakland, California

TRC | 183318 | **FIGURE 3**

FILE NAME: Z:\Gas Stations\QUIKSTOP\Q4'11 QMS\Fig3_Diss-Constituent_4Q11.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-1	06/08/10	134.13	9.67	124.46	<300	<1.5	<1.5	<1.5	<1.5	500	<5.0	3,500	<3.0	<3.0	<3.0	—
MW-1	09/14/10	134.13	10.48	123.65	320	<1.0	<1.0	<1.0	<1.0	470	<5.0	2,500	<2.0	<2.0	<2.0	—
MW-1	12/03/10	134.13	10.45	123.68	500	<1.0	<1.0	<1.0	<1.0	740	<5.0	1,900	<2.0	<2.0	<2.0	—
MW-1	06/09/11	134.13	9.09	125.04	240	<0.50	<0.50	<0.50	<0.50	500	<5.0	1,700	<1.0	<1.0	<1.0	—
MW-1	12/05/11	134.13	10.70	123.43	130	<0.50	<0.50	<0.50	<0.50	220	<5.0	370	<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)
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	—	—	—	—	—
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-2	06/08/10	135.16	4.73	130.43	<50	<0.50	<0.50	<0.50	<0.50	1.0	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	09/14/10	135.16	5.47	129.69	<50	<0.50	<0.50	<0.50	<0.50	1.2	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	12/03/10	135.16	4.83	130.33	<50	<0.50	<0.50	<0.50	<0.50	1.0	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	06/09/11	135.16	4.70	130.46	<50	<0.50	<0.50	<0.50	<0.50	0.92	<5.0	<10	<1.0	<1.0	<1.0	—
MW-2	12/05/11	135.16	5.48	129.68	<50	<0.50	<0.50	<0.50	<0.50	0.70	<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)
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	—	—	—	—	—	—
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-3	06/08/10	136.35	5.04	131.31	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	09/14/10	136.35	6.13	130.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	12/03/10	136.35	5.07	131.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	06/09/11	136.35	4.67	131.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-3	12/05/11	136.35	5.91	130.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<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)
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-4	06/08/10	133.59	4.44	129.15	370	<0.50	<0.50	<0.50	0.68	2.0	<5.0	450	<1.0	<1.0	<1.0	—
MW-4	09/14/10	133.59	5.88	127.71	520	<1.0	<1.0	<1.0	<1.0	6.3	<5.0	2,900	<2.0	<2.0	<2.0	—
MW-4	12/03/10	133.59	4.66	128.93	510	<0.50	<0.50	<0.50	0.86	2.3	<5.0	980	<1.0	<1.0	<1.0	—
MW-4	06/09/11	133.59	4.44	129.15	320	<0.50	<0.50	<0.50	<0.50	2.0	<5.0	350	<1.0	<1.0	<1.0	—
MW-4	12/05/11	133.59	5.48	128.11	510	<0.50	<0.50	<0.50	0.69	2.3	<5.0	790	<1.0	<1.0	4.2	—
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-5	06/08/10	133.58	5.97	127.61	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	09/14/10	133.58	7.62	125.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	12/03/10	133.58	6.12	127.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	06/09/11	133.58	5.54	128.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<10	<1.0	<1.0	<1.0	—
MW-5	12/05/11	133.58	7.00	126.58	<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-6	06/08/10	128.83	5.78	123.05	<50	<0.50	<0.50	<0.50	<0.50	24	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	09/14/10	128.83	6.27	122.56	<50	<0.50	<0.50	<0.50	<0.50	26	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	12/03/10	128.83	5.89	122.94	<50	<0.50	<0.50	<0.50	<0.50	19	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	06/09/11	128.83	5.66	123.17	<50	<0.50	<0.50	<0.50	<0.50	39	<5.0	<10	<1.0	<1.0	<1.0	—
MW-6	12/05/11	128.83	6.34	122.49	<50	<0.50	<0.50	<0.50	<0.50	21	<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	—
MW-7	06/08/10	134.37	8.68	125.69	<50	<0.50	<0.50	<0.50	<0.50	22	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	09/14/10	134.37	9.39	124.98	<50	<0.50	<0.50	<0.50	<0.50	35	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	12/03/10	134.37	8.88	125.49	<50	<0.50	<0.50	<0.50	<0.50	34	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	06/09/11	134.37	8.69	125.68	<50	<0.50	<0.50	<0.50	<0.50	51	<5.0	<10	<1.0	<1.0	<1.0	—
MW-7	12/05/11	134.37	9.54	124.83	<50	<0.50	<0.50	<0.50	<0.50	59	<5.0	<10	<1.0	<1.0	<1.0	—

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.

TRC

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 183318 Date: 12/05/11

Site # Quik Stop 56 Project Manager J. Scheiner 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-2	X	0639	29.90	5.43	—	—	1103	2"
MW-3	X	0712	30.26	5.91	—	—	1055	2" Delivery Truck Parked over well
MW-1	X	0642	30.06	10.70	—	—	0935	2"
MW-5	X	0644	10.24	7.00	—	—	1145	2"
MW-4	X	0646	14.76	5.48	—	—	0828	2"
MW-7	X	0650	24.80	9.54	—	—	1225	2"
MW-6	Y	0656	19.72	6.34	—	—	1204	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: Quik Stop 56 Project No.: 183318 Date: 12/05/11

Well No. MW-2 Purge Method: ~~SUB~~ HB

Depth to Water (feet): 5.43 Depth to Product (feet): —

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

Water Column (feet): 24.42 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.36 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									
1025			4	1206	19.3	7.47			
			8	1244	20.0	7.40			
	1043		12	1278	19.2	7.52			

Static at Time Sampled	Total Gallons Purged	Sample Time
10.26	12	1103

Comments:

Well No. MW-3 Purge Method: SUB

Depth to Water (feet): 5.91 Depth to Product (feet): —

Total Depth (feet) 30.26 LPH & Water Recovered (gallons): —

Water Column (feet): 24.35 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.79 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									
1016			4	835.9	17.8	7.94			
			8	835.3	19.6	7.40			
	1020		12	837.2	19.7	7.20			

Static at Time Sampled	Total Gallons Purged	Sample Time
6.43	12	1055

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: QUIK STOP 56 Project No.: 183318 Date: 12/05/11

Well No. MW-1 Purge Method: HB

Depth to Water (feet): 10.70 Depth to Product (feet): —

Total Depth (feet) 30.06 LPH & Water Recovered (gallons): —

Water Column (feet): 19.36 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 14.57 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									
0843			3	976.2	17.7	6.96			
			6	946.3	18.4	6.87			
	0856		9	935.2	18.2	6.82			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.20	9	0935

Comments:

Well No. MW-5 Purge Method: HB

Depth to Water (feet): 7.00 Depth to Product (feet): —

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

Water Column (feet): 3.24 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 7.63 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									
0902			1	358.7	16.3	7.00			
			2	355.9	17.6	6.71			
	0906		3	350.1	17.3	6.61			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.05	3	1145

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: Quik Stop 56 Project No.: 183318 Date: 12/05/11

Well No. MW-4 Purge Method: HB

Depth to Water (feet): 5.48 Depth to Product (feet): —

Total Depth (feet) 14.76 LPH & Water Recovered (gallons): —

Water Column (feet): 9.28 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 7.33 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									
0310			2	781.4	16.6	7.02			
			4	753.3	17.9	6.63			
	0320		6	761.3	17.1	6.52			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.10	6	0325

Comments:

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 9.54 Depth to Product (feet): —

Total Depth (feet) 24.80 LPH & Water Recovered (gallons): —

Water Column (feet): 15.26 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 12.59 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									
0742			3	1830	16.8	7.61			
			6	1802	17.9	7.38			
	0759		9	1811	18.0	6.67			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.55	9	1225

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: Quik Stop 56 Project No.: 193318 Date: 12/05/11

Well No. MW-6 Purge Method:

Depth to Water (feet): 6.34 Depth to Product (feet):

Total Depth (feet) 19.72 LPH & Water Recovered (gallons):

Water Column (feet): 13.38 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 9.01 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									
0914			2	803.4	17.5	6.34			
			4	914.9	17.7	6.35			
	0922		6	929.7	17.7	6.33			

Static at Time Sampled	Total Gallons Purged	Sample Time
6.45	6	1204

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

DRUM INVENTORY FIELD SHEET

CLIENT: TRC

PROJECT NUMBER: 183318 **DATE:** 12/05/11

SITE #: Quik Stop 56

ADDRESS: 3132 Beaumont Ave.

CITY: Oakland

ACTIVE STATION: Yes ✓ No

DRUMS EMPTY: **DRUMS FULL:**

DRUMS LABELED: Yes ✓ No

TOTAL GALLONS GENERATED:

DRUMS LEFT ONSITE: Yes ✓ No

SPECIAL INSTRUCTIONS: Left 2 drums on site

Drums were filled with Purge water & Decon water

Total Gallons 102 57 Gallons of purge water & 45 Gallons of Decon

Technician:

Alpha Analytical, Inc.

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ANALYTICAL REPORT

TRC-Alton Geoscience
One Concord Center
Concord, CA 94520

Attn: Jonathan Scheiner
Phone: (925) 688-2473
Fax: (925) 688-0388
Date Received : 12/07/11

Job: Quik Stop 56

GC/MSD by Direct Injection
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **MW-2**				
Lab ID : TRC11120705-01A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 11:03				
Client ID: **MW-3**				
Lab ID : TRC11120705-02A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 10:55				
Client ID: **MW-1**				
Lab ID : TRC11120705-03A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 09:35				
Client ID: **MW-5**				
Lab ID : TRC11120705-04A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 11:45				
Client ID: **MW-4**				
Lab ID : TRC11120705-05A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 08:28				
Client ID: **MW-7**				
Lab ID : TRC11120705-06A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 12:25				
Client ID: **MW-6**				
Lab ID : TRC11120705-07A Ethanol	ND	5.0 µg/L	12/07/11	12/07/11
Date Sampled 12/05/11 12:04				

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) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com
Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered an any way.
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.

12/19/11
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

TRC-Alton Geoscience
One Concord Center
Concord, CA 94520

Attn: Jonathan Scheiner
Phone: (925) 688-2473
Fax: (925) 688-0388
Date Received : 12/07/11

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-2**					
Lab ID :	TRC11120705-01A	TPH-P (GRO)	ND	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 11:03	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	0.70	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11
Client ID :	**MW-3**					
Lab ID :	TRC11120705-02A	TPH-P (GRO)	ND	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 10:55	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11
Client ID :	**MW-1**					
Lab ID :	TRC11120705-03A	TPH-P (GRO)	0.13	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 09:35	Tertiary Butyl Alcohol (TBA)	370	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	220	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11

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Client ID :	**MW-5**					
Lab ID :	TRC11120705-04A	TPH-P (GRO)	ND	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 11:45	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11
Client ID :	**MW-4**					
Lab ID :	TRC11120705-05A	TPH-P (GRO)	0.51	0.10 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 08:28	Tertiary Butyl Alcohol (TBA)	790	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	2.3	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	4.2	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	0.69	0.50 µg/L	12/14/11	12/14/11
Client ID :	**MW-7**					
Lab ID :	TRC11120705-06A	TPH-P (GRO)	ND	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 12:25	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	59	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11
Client ID :	**MW-6**					
Lab ID :	TRC11120705-07A	TPH-P (GRO)	ND	0.050 mg/L	12/14/11	12/14/11
Date Sampled	12/05/11 12:04	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/14/11	12/14/11
		Methyl tert-butyl ether (MTBE)	21	0.50 µg/L	12/14/11	12/14/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/14/11	12/14/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/14/11	12/14/11
		Benzene	ND	0.50 µg/L	12/14/11	12/14/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/14/11	12/14/11
		Toluene	ND	0.50 µg/L	12/14/11	12/14/11
		Ethylbenzene	ND	0.50 µg/L	12/14/11	12/14/11
		Xylenes, Total	ND	0.50 µg/L	12/14/11	12/14/11

Alpha Analytical, Inc.

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Gasoline Range Organics (GRO) C4-C13
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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12/19/11
Report Date

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VOC Sample Preservation Report

Work Order: TRC11120705 **Job:** Quik Stop 56

Alpha's Sample ID	Client's Sample ID	Matrix	pH
11120705-01A	MW-2	Aqueous	2
11120705-02A	MW-3	Aqueous	2
11120705-03A	MW-1	Aqueous	2
11120705-04A	MW-5	Aqueous	2
11120705-05A	MW-4	Aqueous	2
11120705-06A	MW-7	Aqueous	2
11120705-07A	MW-6	Aqueous	2

12/19/11
Report Date

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Date: 19-Dec-11

QC Summary Report

Work Order: 11120705

Method Blank

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

File ID: **C:\HPCHEM\MS11\DATA\111207\11120709.D** Batch ID: **27851** Analysis Date: **12/07/2011 15:55**

Sample ID: **MBLK-27851** Units : **µg/L** Run ID: **MSD_11_111207A** Prep Date: **12/07/2011 12:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	ND	5								
Surr: Hexafluoro-2-propanol	458		500		92	61	134			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS11\DATA\111207\11120705.D** Batch ID: **27851** Analysis Date: **12/07/2011 14:34**

Sample ID: **LCS-27851** Units : **µg/L** Run ID: **MSD_11_111207A** Prep Date: **12/07/2011 12:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	294	5	250		118	62	150			
Surr: Hexafluoro-2-propanol	485		500		97	61	134			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS11\DATA\111207\11120707.D** Batch ID: **27851** Analysis Date: **12/07/2011 15:14**

Sample ID: **11120611-04AMS** Units : **µg/L** Run ID: **MSD_11_111207A** Prep Date: **12/07/2011 12:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	292	5	250	0	117	56	153			
Surr: Hexafluoro-2-propanol	496		500		99	61	134			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS11\DATA\111207\11120708.D** Batch ID: **27851** Analysis Date: **12/07/2011 15:34**

Sample ID: **11120611-04AMSD** Units : **µg/L** Run ID: **MSD_11_111207A** Prep Date: **12/07/2011 12:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Ethanol	277	5	250	0	111	56	153	292.3	5.6(40)	
Surr: Hexafluoro-2-propanol	489		500		98	61	134			

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.

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Date: *19-Dec-11*

QC Summary Report

Work Order: 11120705

Method Blank

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

File ID: **11121411.D** Batch ID: **MS15W1214B** Analysis Date: **12/14/2011 12:30**

Sample ID: **MBLK MS15W1214B** Units : **mg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 12:30**

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	0.0106		0.01		106	70	130			
Surr: Toluene-d8	0.0101		0.01		101	70	130			
Surr: 4-Bromofluorobenzene	0.00972		0.01		97	70	130			

Laboratory Control Spike

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

File ID: **11121409.D** Batch ID: **MS15W1214B** Analysis Date: **12/14/2011 11:46**

Sample ID: **GLCS MS15W1214B** Units : **mg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 11:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.399	0.05	0.4		99.8	70	130			
Surr: 1,2-Dichloroethane-d4	0.0106		0.01		106	70	130			
Surr: Toluene-d8	0.00968		0.01		97	70	130			
Surr: 4-Bromofluorobenzene	0.00998		0.01		99.8	70	130			

Sample Matrix Spike

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

File ID: **11121414.D** Batch ID: **MS15W1214B** Analysis Date: **12/14/2011 13:35**

Sample ID: **11120740-03AGS** Units : **mg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 13:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	9.76	1	8	1.844	99	51	144			
Surr: 1,2-Dichloroethane-d4	0.214		0.2		107	70	130			
Surr: Toluene-d8	0.192		0.2		96	70	130			
Surr: 4-Bromofluorobenzene	0.2		0.2		100	70	130			

Sample Matrix Spike Duplicate

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

File ID: **11121415.D** Batch ID: **MS15W1214B** Analysis Date: **12/14/2011 13:56**

Sample ID: **11120740-03AGSD** Units : **mg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 13:56**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	9.05	1	8	1.844	90	51	144	9.765	7.6(29)	
Surr: 1,2-Dichloroethane-d4	0.212		0.2		106	70	130			
Surr: Toluene-d8	0.196		0.2		98	70	130			
Surr: 4-Bromofluorobenzene	0.199		0.2		99	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.

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Date: 19-Dec-11

QC Summary Report

Work Order: 11120705

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**
File ID: **11121411.D** Batch ID: **MS15W1214A** Analysis Date: **12/14/2011 12:30**
Sample ID: **MBLK MS15W1214A** Units : **µg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 12:30**

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	10.6		10		106	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	9.72		10		97	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**
File ID: **11121408.D** Batch ID: **MS15W1214A** Analysis Date: **12/14/2011 11:25**
Sample ID: **LCS MS15W1214A** Units : **µg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 11:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	11	0.5	10		110	65	140			
Benzene	9.54	0.5	10		95	70	130			
Toluene	9.62	0.5	10		96	80	120			
Ethylbenzene	10.5	0.5	10		105	80	120			
Xylenes, Total	19.7	0.5	20		98	70	130			
Surr: 1,2-Dichloroethane-d4	11.7		10		117	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	10.7		10		107	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**
File ID: **11121412.D** Batch ID: **MS15W1214A** Analysis Date: **12/14/2011 12:51**
Sample ID: **11120740-03AMS** Units : **µg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 12:51**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	195	5	200	0	98	47	150			
Benzene	655	5	200	617.8	19	59	138			M2
Toluene	173	5	200	5.7	84	68	130			
Ethylbenzene	196	5	200	13.05	91	68	130			
Xylenes, Total	356	5	400	0	89	70	130			
Surr: 1,2-Dichloroethane-d4	233		200		116	70	130			
Surr: Toluene-d8	199		200		99.7	70	130			
Surr: 4-Bromofluorobenzene	211		200		105	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**
File ID: **11121413.D** Batch ID: **MS15W1214A** Analysis Date: **12/14/2011 13:13**
Sample ID: **11120740-03AMSD** Units : **µg/L** Run ID: **MSD_15_111214A** Prep Date: **12/14/2011 13:13**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	206	5	200	0	103	47	150	195.3	5.4(40)	
Benzene	657	5	200	617.8	19	59	138	654.9	0.3(21)	M2
Toluene	171	5	200	5.7	83	68	130	173	1.4(20)	
Ethylbenzene	192	5	200	13.05	90	68	130	195.5	1.6(20)	
Xylenes, Total	351	5	400	0	88	70	130	355.8	1.5(20)	
Surr: 1,2-Dichloroethane-d4	214		200		107	70	130			
Surr: Toluene-d8	197		200		99	70	130			
Surr: 4-Bromofluorobenzene	210		200		105	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.

M2 = Matrix spike recovery was low, 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 : TRC11120705

Report Due By : 5:00 PM On : 20-Dec-11

Report Attention	Phone Number	EMail Address
Jonathan Scheiner	(925) 688-2473 x 236	jscheiner@trcsolutions.com

Client:
TRC-Alton Geoscience
One Concord Center
2300 Clayton Rd., Ste. 610
Concord, CA 94520

EDD Required : **Yes**

Sampled by : Joe D. Lewis

PO :

Client's COC # : 57457 Job : Quik Stop 56

Cooler Temp	Samples Received	Date Printed
3 °C	07-Dec-11	07-Dec-11

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
TRC11120705-01A	MW-2	AQ	12/05/11 11:03	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-02A	MW-3	AQ	12/05/11 10:55	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-03A	MW-1	AQ	12/05/11 09:35	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-04A	MW-5	AQ	12/05/11 11:45	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-05A	MW-4	AQ	12/05/11 08:28	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-06A	MW-7	AQ	12/05/11 12:25	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						
TRC11120705-07A	MW-6	AQ	12/05/11 12:04	6	0	9	Low Level EtOH	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen Ice. Added Ethanol to analysis per conversation with Christina. Logged in low level per previous report from June and client notes. Please send EDF to Jonathan Scheiner @jscheiner@trcsolutions.com. Total Xylenes :

	Signature	Print Name	Company	Date/Time
Logged in by:		Cheryl Gamble	Alpha Analytical, Inc.	12/7/11 14:00

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

57457

Billing Information:
Company Name: TRC Solutions
Attn: Jonathan Scheiner
Address: 2300 Clayton RD.
City, State, Zip: ~~Concord~~ CONCORD, CA 94520
Phone Number: 925-688-1200 Fax: 925-688-0333

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 ____ DOD Site ____
ID ____ OR ____ OTHER ____ Page # ____ of ____

Consultant / Client Name: TRC
Address: 2300 Clayton RD
City, State, Zip: Concord, CA 94520

Job #: QUIK STOP 56
Job Name:

Report Attention / Project Manager
Name: Jonathan Scheiner
Email: jscheiner@trcsolutions.com
Phone: 925-688-1200 Mobile:

Analyses Required

Data Validation Level: III or IV

EDD / EDF? YES ✓ NO ____
Global ID # T0600977175

Time Sampled	Date Sampled	Matrix* See Key Below	P.O. # / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	TPH - GAS	BTEX, MTBE	TBA, DIPE	ETBE, TAME			REMARKS
1103	12/5	GT	TRC1120705-01A	MW-2	STD	N	6							Send EDF to
1053			-02A	MW-3										Jonathan Scheiner
0935			-03A	MW-1										at
1115			-04A	MW-5										jscheiner@trcsolutions.com
0930			-05A	MW-4										
1225			-06A	MW-7										
1204	↓	↓	-07A	MW-6	↓	↓	↓							

FOR LAB USE ONLY

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: JOE D LEWIS

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date: 12/5/11	Time: 1415
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date: 12-6-11	Time: 11:00
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) Alpha	Date: 12/7/11	Time: 13:40

*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.