Mr. Keith Nowell
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California
(ACEHS Case No. RO0000175)

Dear Mr. Nowell:

Stratus Environmental, Inc. (Stratus) has recently prepared a *Groundwater Monitoring Report, Third quarter 2012* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000175, located at 6600 Foothill Boulevard, Oakland, California.

I have reviewed a copy of this report, sent to me by representatives of Stratus, and "I declare, under penalty of perjury, that the information and or/recommendations contained in the attached document or report is true and correct to the best of my knowledge."

Sincerely,

Ravi Sekhon

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

September 18, 2012
Project No. 2087-6600-01

Mr. Keith Nowell
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Groundwater Monitoring Report, Third Quarter 2012, for Foothill Mini Mart, located at 6600 Foothill Boulevard, Oakland, California (ACEHD Case No. RO0000175)

Dear Mr. Nowell:

Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of Mr. Ravi Sekhon, to document the findings of a groundwater monitoring and sampling event conducted during the third quarter 2012 at the Foothill Mini Mart, located at 6600 Foothill Boulevard, Oakland, California (Figure 1). Stratus representatives whose signatures appear below declare under penalty of perjury, that the information contained in the attached report are true and correct to the best of our knowledge.

If you have any questions regarding this report, please contact Scott Bittinger at (530) 676-2062.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

PROFESSIONAL GEOLOGIST
Scott Bittinger
No 7477
STATE OF CALIFORNIA

Scott G. Bittinger, P.G.
Project Manager

Stephen J. Carter, P.G.
Senior Geologist

Attachment: Semi-Annual Groundwater Monitoring Report, Third Quarter 2012

cc: Mr. Ravi Sekhon
Mr. and Ms. Joseph and Maude LeBlanc

Date September 18, 2012

FOOTHILL MINI MART
SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Facility Address:	6600 Foothill Boulevard, Oakland, California
Consulting Co./Contact Person:	Stratus Environmental, Inc. / Scott Bittinger, P.G.
Consultant Project No:	2087-6600-01
Primary Agency/Regulatory ID No:	Alameda County Environmental Health Department (ACEHD) / Case No. RO0000175

WORK PERFORMED THIS PERIOD (Second and Third Quarter 2012):

1. At the request of ACEHD, Stratus prepared and submitted a *Corrective Action Plan* (CAP), dated June 21, 2012 providing details associated with the design and implementation of an ozone and hydrogen peroxide injection project at the site.

2. On July 23, 2012, Stratus conducted third quarter 2012 groundwater monitoring and sampling activities at the site. During this event, monitoring wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B were gauged for depth to water and evaluated for the presence of free product. Following gauging, samples were collected and forwarded to a state-certified analytical laboratory for analysis.

WORK PROPOSED FOR NEXT PERIOD (Fourth Quarter 2012 and First Quarter 2013):

1. Based on recent communication with ACEHD personnel, it is our understanding that ACEHD and the UST Cleanup Fund are in discussions as to whether the site can potentially qualify for environmental case closure under the State Water Resources Control Board's recently adopted Low Threat Closure Policy. Future environmental work activities at the site, including possible implementation of the June 21, 2012 CAP, will be based upon this determination.

2. If the site does not qualify for closure, the next groundwater monitoring and sampling event will be performed during the first quarter 2013.

Current Phase of Project:	SC; will request CAP/REM designation if remediation of site is deemed necessary by ACEHD and the UST Cleanup Fund
Frequency of Groundwater Sampling:	Semi-Annual (1st & 3rd): Wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B
Frequency of Groundwater Monitoring:	Semi-Annual (1st & 3rd): Wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B
Groundwater Sampling Date:	July 23, 2012
Is Free Product (FP) Present on Site:	No
Approx. Depth to Groundwater (Upper):	6.68 to 12.51 feet below top of well casing
Approx. Depth to Groundwater (Lower):	13.06 to 38.40 feet below top of well casing
Groundwater Flow Direction (Upper):	Northwesterly
Approximate Groundwater Gradient (Upper):	0.03 to 0.04 ft/ft

Groundwater Flow Direction (Lower):	Not calculated
Approximate Groundwater Gradient (Lower):	Not calculated

DISCUSSION:

On July 23, 2012, Stratus conducted semi-annual groundwater monitoring and sampling activities at the site. During this event, wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B were monitored, purged and sampled. Groundwater samples were analyzed at a state-certified analytical laboratory for gasoline range organics (GRO) by EPA Method SW8015B/DHS LUFT Manual, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), and low level ethanol, and methanol by EPA Method SW8260B. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B, and C, respectively. Analytical results of sampled wells and depth to groundwater measurements have been uploaded to the State of California's GeoTracker database. Documentation of these data uploads is attached in Appendix D.

Shallow Screened Well Network

Depth to groundwater in the monitoring wells ranged between 6.68 and 12.51 feet below the top of the well casing on July 23, 2012. Depth-to-water measurements were converted to feet above mean sea level (MSL) and used to construct a groundwater elevation contour map (Figure 2). A northwesterly groundwater flow was observed in the site vicinity, with a calculated gradient between 0.03 and 0.04 ft/ft. Variable groundwater flow directions have been calculated during historical site work.

Groundwater beneath the site is impacted with GRO, BTEX, MTBE, and TBA. During the third quarter 2012 sampling event, GRO was detected in five of the eleven sampled wells (MW-2, MW-4, MW-6, MW-12A, and MW-13A), with a maximum concentration reported in offsite downgradient well MW-6 (5,800 micrograms per liter [µg/L]). Benzene was only detected in well MW-6 (54 µg/L). MTBE was reported in ten of the eleven sampled wells with a concentration range between 1.6 µg/L (MW-11) and 320 µg/L (MW-6). TBA was detected in samples collected from seven of the shallow screened wells, at concentrations ranging from 12 µg/L (MW-13A) to 2,400 µg/L (MW-4), and TAME was reported in well MW-6 (21 µg/L). ETBE, DIPE, ethanol, and methanol were not reported in any of the shallow screened wells during the third quarter 2012 sampling event. Figures 4 through 7 illustrate the interpreted lateral extent of GRO, benzene, MTBE, and TBA distribution in shallow groundwater, respectively, using data collected on July 23, 2012. The results of third quarter 2012 well sampling, and the general configuration of the plumes depicted on Figures 4 through 7, are generally consistent with the findings of previous work.

Deeper Screened Well Network

Depth to groundwater in the monitoring wells ranged from 13.06 to 38.40 feet below the top of the well casing. Groundwater elevations are depicted on Figure 3. Given the large discrepancy in groundwater elevations measured in the three deeper screened monitoring wells, an evaluation of groundwater flow direction at this depth in the subsurface does not appear appropriate using the current data set.

Analytical results of GRO, benzene, MTBE, and TBA for groundwater samples collected from the deeper screened wells during the third quarter 2012 are presented on Figure 8. MTBE was reported in the sample collected from well MW-5B, at a concentration of 16 µg/L. All other petroleum hydrocarbon and fuel oxygenate concentrations in the deeper well samples were reported below laboratory instrument detection levels. While MTBE concentrations in MW-5B remain relatively low, an increasing concentration trend is observed in samples collected from this well.

ATTACHMENTS:

- Table 1 Groundwater Elevation and Analytical Summary
- Table 2 Groundwater Analytical Results for Oxygenates and Additives
- Table 3 Well Construction Detail Summary
- Figure 1 Site Location Map
- Figure 2 Groundwater Elevation Contour Map, Shallow Screened Wells (Third Quarter 2012)
- Figure 3 Groundwater Elevation Map, Deep Screened Wells (Third Quarter 2012)
- Figure 4 GRO Iso-Concentration Contour Map, Shallow Screened Wells (Third Quarter 2012)
- Figure 5 Benzene Iso-Concentration Contour Map, Shallow Screened Wells (Third Quarter 2012)
- Figure 6 MTBE Iso-Concentration Contour Map, Shallow Screened Wells (Third Quarter 2012)
- Figure 7 TBA Iso-Concentration Contour Map, Shallow Screened Wells (Third Quarter 2012)
- Figure 8 Groundwater Analytical Summary, Deep Screened Wells (Third Quarter 2012)
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Information

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
SHALLOW WELLS										
MW-1	06/13/01	9.36	100*	90.64	ND	ND	ND	ND	ND	130
	03/21/02	7.96	100*	92.04	95	ND	ND	ND	ND	72.5
	07/09/02	8.51	100*	91.49	ND	ND	ND	ND	ND	208
	07/11/03	8.66	160.25	151.59	ND	0.7	ND	ND	1.2	636
	11/13/03	8.10	160.25	152.15	<5,000	ND	ND	ND	ND	72,000
	02/19/04	8.24	160.25	152.01	1,350	460	ND	ND	ND	82,000
	05/21/04	8.51	160.25	151.74	ND	<50	<50	<50	<100	12,000
	08/11/05	8.34	160.25	151.91	ND	ND	ND	ND	ND	4,900
	11/30/05	9.86	160.25	150.39	<250	<2.5	<2.5	<2.5	<2.5	8,400
	08/08/08	10.62	60.02	49.40	390	<1.5	<1.5	<1.5	<1.5	720
	11/05/08	10.78	60.02	49.24	350	<5.0	<10	<10	<10	580
	02/06/09	9.05	60.02	50.97	150	<1.5	<1.5	<1.5	<1.5	610
	05/07/09	6.76	60.02	53.26	420	<0.50	<0.50	<0.50	<0.50	210
	06/01/10	7.58	60.02	52.44	190	<0.50	<0.50	<0.50	<0.50	170
	09/07/10	11.33	60.02	48.69	Not Scheduled for Sampling					
	12/08/10	10.61	60.02	49.41	150	<0.50	<0.50	<0.50	<0.50	300
	05/26/11	8.51	60.02	51.51	57	<0.50	<0.50	<0.50	<0.50	100
	12/13/11	10.54	60.02	49.48	<50	<0.50	<0.50	<0.50	<0.50	23
	07/23/12	10.82	60.02	49.20	<50	<0.50	<0.50	<0.50	<0.50	37
MW-2	06/13/01	10.44	98.71*	88.27	5,800	160	210	290	980	94,000
	03/21/02	8.18	98.71*	90.53	452	3.4	ND	1.6	2.1	79,100
	07/09/02	8.35	98.71*	90.36	497	61.6	ND	ND	1.6	37,600
	07/11/03	7.58	158.97	151.39	553	48.9	ND	ND	ND	38,200
	11/13/03	8.01	158.97	150.96	<2,500	NS	ND	ND	ND	47,000
	02/19/04	6.43	158.97	152.54	4,390	410	265	160	490	26,700
	05/21/04	6.83	158.97	152.14	1,150	254	<200	<200	<400	24,600
	08/11/05	7.31	158.97	151.66	91	ND	1.1	ND	ND	6,500
	11/30/05	7.98	158.97	150.99	69	ND	1.4	ND	ND	2,300
	08/08/08	7.19	58.74	51.55	300	<9.0	<9.0	<9.0	<9.0	9.8
	11/05/08	7.14	58.74	51.60	510	<0.50	<1.0	<1.0	<1.0	12
	02/06/09	6.92	58.74	51.82	50	<4.0	<4.0	<4.0	<4.0	10
	05/07/09	6.53	58.74	52.21	860	<4.0	<4.0	<4.0	<4.0	9.7
	06/01/10	9.15	58.74	49.59	<1,000 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	69
	09/07/10	9.69	58.74	49.05	Not Scheduled for Sampling					
	12/08/10	8.34	58.74	50.40	<1,000 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	21
	05/26/11	10.51	58.74	48.23	<500[3]	<2.5[3]	<2.5[3]	<2.5[3]	<2.5[3]	27
	12/13/11	9.50	58.74	49.24	270	<0.50	<0.50	<0.50	<0.50	22
	07/23/12	9.01	58.74	49.73	120	<0.50	<0.50	<0.50	<0.50	3.7

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Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-3	06/13/01	9.69	99.90*	90.21	300	1	ND	0.07	2	450
	03/21/02	8.80	99.90*	91.10	274	1.1	ND	1	2.5	7,520
	07/09/02	9.33	99.90*	90.57	ND	ND	ND	ND	ND	40.8
	07/11/03	9.35	160.17	150.82	ND	ND	ND	ND	ND	24
	11/13/03	8.85	160.17	151.32	ND	ND	ND	ND	ND	37
	02/19/04	8.46	160.17	151.71	83	ND	ND	ND	ND	42.7
	05/21/04	9.09	160.17	151.08	ND	ND	ND	ND	ND	54
	08/11/05	8.87	160.17	151.30	ND	ND	ND	ND	ND	27
	11/30/05	9.73	160.17	150.44	ND	ND	ND	ND	ND	28
	08/08/08	9.64	59.94	50.30	99	<0.50	<0.50	<0.50	<0.50	4.5
	11/05/08	9.33	59.94	50.61	55	<0.50	<1.0	<1.0	<1.0	4.5
	02/06/09	9.37	59.94	50.57	100	<0.50	<0.50	<0.50	<0.50	5.3
	05/07/09	8.98	59.94	50.96	410	<0.50	<0.50	<0.50	<0.50	5.5
	06/01/10	9.82	59.94	50.12	<50	<0.50	<0.50	<0.50	<0.50	5.1
	09/07/10	10.88	59.94	49.06	Not Scheduled for Sampling					
	12/08/10	9.82	59.94	50.12	53	<0.50	<0.50	<0.50	<0.50	6.6
	05/26/11	9.93	59.94	50.01	54	<0.50	<0.50	<0.50	<0.50	4.9
	12/13/11	10.52	59.94	49.42	<50	<0.50	<0.50	<0.50	<0.50	3.3
	07/23/12	10.64	59.94	49.30	<50	<0.50	<0.50	<0.50	<0.50	4.5
MW-4	07/09/02	8.14	98.19*	90.05	9,680	43	17	369	1,990	28,300
	07/11/03	6.73	158.42	151.69	3,170	16.5	6.4	71.7	240	16,600
	11/13/03	6.54	158.42	151.88	<1,000	49	ND	340	900	16,000
	02/19/04	4.37	158.42	154.05	7,230	107	7	497	1,063	14,300
	05/21/04	5.79	158.42	152.63	9,340	194	ND	309	860	7,380
	08/11/05	6.65	158.42	151.77	3,000	15	24	87	190	1,200
	11/30/05	6.05	158.42	152.37	4,300	18	28	84	130	340
	08/08/08	5.91	58.19	52.28	3,600	0.53	0.61	5.6	1.5	24
	11/05/08	5.33	58.19	52.86	2,000	0.58	<1.0	6.8	1.2	31
	02/06/09	5.15	58.19	53.04	3,400	0.81	<0.50	10	1.2	39
	05/07/09	4.86	58.19	53.33	4,500	0.73	<0.50	7.4	1.2	29
	06/01/10	6.00	58.19	52.19	3,300	<1.0 [3]	<1.0 [3]	4.1	<1.0 [3]	9.4
	09/07/10	Inaccessible for monitoring; not scheduled for sampling								
	12/08/10	5.75	58.19	52.44	3,800	<1.0 [3]	<1.0 [3]	7.3	<1.0 [3]	7.6
	05/26/11	5.87	58.19	52.32	4,000	<2.5[3]	<2.5[3]	2.6	<2.5[3]	3.7
	12/13/11	6.36	58.19	51.83	1,500	<0.50	0.54	0.55	1.21	8.2
	07/23/12	6.82	58.19	51.37	2,300	<1.0[3]	<1.0[3]	<1.0[3]	<1.0[3]	4.7

TABLE 1
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Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-5	07/09/02	8.16	97.81*	89.65	275	30.2	ND	ND	3	18,600
	07/11/03	7.94	158.03	150.09	890	10	0.6	ND	7.1	5,090
	11/13/03	7.41	158.03	150.62	<1,000	ND	ND	ND	ND	3,400
	02/19/04	6.14	158.03	151.89	1,310	ND	0.7	ND	2.2	438
	05/21/04	7.42	158.03	150.61	1,960	9.7	0.7	ND	ND	214
	08/11/05	7.67	158.03	150.36	410 [2]	ND	3.3	ND	ND	100
	11/30/05	8.51	158.03	149.52	240 [2]	ND	1.8	ND	1.4	82
	08/08/08	7.59	57.80	50.21	1,900	<0.50	<0.50	<0.50	4.0	8.6
	11/05/08	6.91	57.80	50.89	1,600	<0.50	<1.0	<1.0	1.1	4.8
	02/06/09	6.98	57.80	50.82	680	<0.50	<0.50	<0.50	2.2	5.5
	05/07/09	6.43	57.80	51.37	1,900	0.72	0.91	<0.50	2.3	4.3
	06/01/10	8.15	57.80	49.65	1,000	<0.50	<0.50	<0.50	<0.50	4.3
	09/07/10	9.37	57.80	48.43	Not Scheduled for Sampling					
	12/08/10	7.78	57.80	50.02	200	<0.50	<0.50	<0.50	<0.50	5.9
	05/26/11	8.08	57.80	49.72	230	<1.0[3]	<1.0[3]	<1.0[3]	<1.0[3]	3.5
	12/13/11	8.63	57.80	49.17	<200[3]	<1.0[3]	<1.0[3]	<1.0[3]	<1.0[3]	2.8
	07/23/12	8.99	57.80	48.81	<100[3]	<0.50	<0.50	<0.50	<0.50	2.5
MW-6	07/09/02	7.45	97*	89.55	12,000	432	22	637	1,740	11,300
	07/11/03	7.98	157.24	149.26	2,970	534	6.3	70.1	278	18,000
	11/13/03	7.47	157.24	149.77	<2,500	300	ND	ND	52	18,000
	02/19/04	5.09	157.24	152.15	5,340	184	5	65	127	5,310
	05/21/04	6.38	157.24	150.86	6,110	340	12.7	205	308.8	3,900
	08/11/05	6.68	157.24	150.56	6,100	470	48	23	30	3,200
	11/30/05	7.43	157.24	149.81	3,700	310	30	16	12	3,400
	08/08/08	6.23	57.01	50.78	6,500	63	2.0	42	98	230
	11/05/08	5.35	57.01	51.66	4,800	74	<5.0	23	42	340
	02/06/09	5.44	57.01	51.57	5,800	34	1.1	16	38	140
	05/07/09	4.91	57.01	52.10	5,800	32	1.2	14	37	150
	06/01/10	5.85	57.01	51.16	7,500	100	<2.5 [3]	28	48	350
	09/07/10	7.84	57.01	49.17	Not Scheduled for Sampling					
	12/08/10	5.15	57.01	51.86	6,200	90	1.1	46	53.7	420
	05/26/11	5.73	57.01	51.28	5,500	54	<1.0[3]	23	30.4	230
	12/13/11	6.28	57.01	50.73	6,400	77	<2.5[3]	19	19	400
	07/23/12	6.88	57.01	50.13	5,800	54	<1.5[3]	9.4	9.3	320

TABLE 1
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Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-7	06/01/10	9.74	58.66	48.92	<50	<0.50	<0.50	<0.50	<0.50	22
	09/07/10	9.74	58.66	48.92	<50	<0.50	<0.50	<0.50	<0.50	17
	12/08/10	8.95	58.66	49.71	<50	<0.50	<0.50	<0.50	<0.50	7.6
	05/26/11	11.15	58.66	47.51	<50	<0.50	<0.50	<0.50	<0.50	2.8
	12/13/11	9.41	58.66	49.25	<50	<0.50	<0.50	<0.50	<0.50	9.6
	07/23/12	11.20	58.66	47.46	<50	<0.50	<0.50	<0.50	<0.50	6.7
MW-10	06/01/10	8.85	61.89	53.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/07/10	11.75	61.89	50.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/08/10	13.60	61.89	48.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	10.45	61.89	51.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/11	12.91	61.89	48.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/23/12	11.12	61.89	50.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-11	06/01/10	9.74	60.97	51.23	<50	<0.50	<0.50	<0.50	<0.50	6.7
	09/07/10	11.68	60.97	49.29	59	<0.50	<0.50	<0.50	<0.50	98
	12/08/10	12.19	60.97	48.78	52	<0.50	<0.50	<0.50	<0.50	96
	05/26/11	10.80	60.97	50.17	<50	<0.50	<0.50	<0.50	<0.50	17
	12/13/11	12.27	60.97	48.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/23/12	12.51	60.97	48.46	<50	<0.50	<0.50	<0.50	<0.50	1.6
MW-12A	06/01/10	8.07	62.98	54.91	270	<0.50	<0.50	<0.50	<0.50	260
	09/07/10					Inaccessible				
	12/08/10	10.35	62.98	52.63	150	<0.50	<0.50	<0.50	<0.50	300
	05/26/11	8.84	62.98	54.14	140	<0.50	<0.50	<0.50	<0.50	250
	12/13/11	9.45	62.98	53.53	240	<0.50	<0.50	<0.50	<0.50	420
	07/23/12	10.28	62.98	52.70	170	<0.50	<0.50	<0.50	<0.50	260
MW-13A	06/01/10	6.47	60.90	54.43	1,500	<0.50	<0.50	<0.50	<0.50	7.1
	09/07/10					Inaccessible				
	12/08/10	5.45	60.90	55.45	2,200	0.63	<0.50	<0.50	<0.50	15
	05/26/11	6.37	60.90	54.53	840	<0.50	<0.50	<0.50	<0.50	8.3
	12/13/11	6.59	60.90	54.31	1,500	<0.50	<0.50	<0.50	<0.50	6.8
	07/23/12	6.68	60.90	54.22	970	<0.50	<0.50	<0.50	<0.50	2.1
REMEDIATION WELL										
EX-1	05/26/11	10.26	NM	NM	600	<2.5[3]	<2.5[3]	<2.5[3]	<2.5[3]	730
	12/13/11	NM	NM	NM	--	--	--	--	--	--
	07/23/12	NM	NM	NM	--	--	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
DEEPER WELLS										
MW-5B	06/01/10	12.87	57.69	44.82	<50	<0.50	<0.50	<0.50	<0.50	0.70
	09/07/10	13.28	57.69	44.41	<50	<0.50	<0.50	<0.50	<0.50	1.4
	12/08/10	13.95	57.69	43.74	<50	<0.50	<0.50	<0.50	<0.50	1.6
	05/26/11	12.51	57.69	45.18	<50	<0.50	<0.50	<0.50	<0.50	3.2
	12/13/11	11.94	57.69	45.75	<50	<0.50	<0.50	<0.50	<0.50	7.5
	07/23/12	13.06	57.69	44.63	<50	<0.50	<0.50	<0.50	<0.50	16
MW-6B	06/01/10	35.75	56.71	20.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/07/10	37.24	56.71	19.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/08/10	39.82	56.71	16.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	36.70	56.71	20.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/11	39.80	56.71	16.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/23/12	38.40	56.71	18.31	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-12B	06/01/10	37.49	62.94	25.45	<50	<0.50	<0.50	<0.50	<0.50	0.84
	09/07/10					Inaccessible				
	12/08/10	39.66	62.94	23.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	34.74	62.94	28.20	<50	<0.50	<0.50	<0.50	<0.50	0.80
	12/13/11	38.91	62.94	24.03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/23/12	38.34	62.94	24.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50

Legend/Key:

GRO = Gasoline range organics

MTBE = Methyl tertiary butyl ether

ND= "not-detected" or below the Method Detection Limits

-- = Not available/not analyzed

ft msl = feet above mean sea level

µg/L = micrograms per liter

[1] = The TOC elevations reported in groundwater monitoring reports prior to second quarter 2010 are incorrect. The datum elevation adopted previously was revised on August 4, 2008 using the city of Oakland datum ('-D83). The revised TOC elevations are converted to mean sea level elevation and used to calculate all groundwater elevations.

[2] = Laboratory reported does not match gasoline pattern.

[3] = Reporting limits were increased due to high concentration of target analytes.

* The top of casing (TOC) elevations originally surveyed on June 31, 2001 used MW-1 as the common datum with assumed elevation of 100.00 feet above mean sea level (msl). All other TOC elevations were surveyed relative to MW-1. All of the wells were again surveyed per GeoTracker standard on July 11, 2003, by PLS Surveys Inc., a California licensed surveyor. All elevations are reported with respect to feet above mean sea level.

TABLE 2
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
SHALLOW WELLS										
MW-1	06/13/01	130	--	--	--	--	--	--	--	--
	03/21/02	72.5	--	--	--	--	--	--	--	--
	07/09/02	208	--	--	--	--	--	--	--	--
	07/11/03	636	--	--	--	--	--	--	--	--
	11/13/03	72,000	22,000	--	--	--	--	--	--	--
	02/19/04	82,000	8,360	--	--	--	--	--	--	--
	05/21/04	12,000	<1,000	--	--	--	--	--	--	--
	08/11/05	4,900	--	--	--	--	--	--	--	--
	11/30/05	8,400	--	--	--	--	--	--	--	--
	08/08/08	720	7.4J	<1.5	<1.5	<1.5	<300	<15	<1.5	<1.5
	11/05/08	580	<100	<20	<20	<20	--	<1,000	--	--
	02/06/09	610	120	<1.5	<1.5	<1.5	<600	<15	--	--
	05/07/09	210	110	<0.50	<0.50	<0.50	<150	<5.0	--	--
	06/01/10	170	200	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	300	110	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	100	81	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	23	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	37	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-2	06/13/01	94,000	980	--	--	--	--	--	--	--
	03/21/02	79,100	--	--	--	--	--	--	--	--
	07/09/02	37,600	--	--	--	--	--	--	--	--
	07/11/03	38,200	--	--	--	--	--	--	--	--
	11/13/03	47,000	11,000	--	--	--	--	--	--	--
	02/19/04	26,700	3,930	--	--	--	--	--	--	--
	05/21/04	24,600	<4,000	--	--	--	--	--	--	--
	08/11/05	6,500	--	--	--	--	--	--	--	--
	11/30/05	2,300	--	--	--	--	--	--	--	--
	08/08/08	9.8	17,000	<9.0	<9.0	<9.0	<900	<90	<9.0	<9.0
	11/05/08	12	13,000	<2.0	<2.0	<2.0	--	<100	--	--
	02/06/09	10	11,000	<4.0	<4.0	<4.0	<400	<40	--	--
	05/07/09	9.7	12,000	<4.0	<4.0	<4.0	<400	<40	--	--
	06/01/10	69	7,300	<10 [1]	<10 [1]	<10 [1]	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	21	9,900	<10 [1]	<10 [1]	<10 [1]	<50	<5.0	--	--
	05/26/11	27	5,400	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--
	12/13/11	22	840	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	3.7	510	<1.0	<1.0	<1.0	<50	<5.0	--	--

TABLE 2
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-3	06/13/01	450	--	--	--	--	--	--	--	--
	03/21/02	7,520	--	--	--	--	--	--	--	--
	07/09/02	40.8	--	--	--	--	--	--	--	--
	07/11/03	24.3	--	--	--	--	--	--	--	--
	11/13/03	37	27	--	--	--	--	--	--	--
	02/19/04	42.7	508	--	--	--	--	--	--	--
	05/21/04	54	1,100	--	--	--	--	--	--	--
	08/11/05	27	--	--	--	--	--	--	--	--
	11/30/05	28	--	--	--	--	--	--	--	--
	08/08/08	4.5	130	<0.50	<0.50	<0.50	<80	<5.0	<0.50	<0.50
	11/05/08	4.5	500	<2.0	<2.0	<2.0	--	<100	--	--
	02/06/09	5.3	770	<0.50	<0.50	<0.50	<100	<5.0	--	--
	05/07/09	5.5	900	<0.50	<0.50	<0.50	<50	<5.0	--	--
	06/01/10	5.1	36	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	6.6	680	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	4.9	590	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	3.3	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	4.5	14	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-4	07/09/02	28,300	--	--	--	--	--	--	--	--
	07/11/03	16,600	--	--	--	--	--	--	--	--
	11/13/03	16,000	4,500	--	--	--	--	--	--	--
	02/19/04	14,300	1,440	--	--	--	--	--	--	--
	05/21/04	7,380	<2,000	--	--	--	--	--	--	--
	08/11/05	1,200	--	--	--	--	--	--	--	--
	11/30/05	340	--	--	--	--	--	--	--	--
	08/08/08	24	1,800	<0.50	<0.50	<0.50	<80	<5.0	<0.50	<0.50
	11/05/08	31	760	<2.0	<2.0	<2.0	--	<100	--	--
	02/06/09	39	1,400	<0.50	<0.50	<0.50	<200	<5.0	--	--
	05/07/09	29	1,000	<0.50	<0.50	<0.50	<200	<5.0	--	--
	06/01/10	9.4	900	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	7.6	940	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--
	05/26/11	3.7	1,400	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--
	12/13/11	8.2	1,700	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	4.7	2,400	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--

TABLE 2
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-5	07/09/02	18,600	--	--	--	--	--	--	--	--
	07/11/03	5,090	--	--	--	--	--	--	--	--
	11/13/03	3,400	3,100	--	--	--	--	--	--	--
	02/19/04	438	1,340	--	--	--	--	--	--	--
	05/21/04	214	436	--	--	--	--	--	--	--
	08/11/05	100	--	--	--	--	--	--	--	--
	11/30/05	82	--	--	--	--	--	--	--	--
	08/08/08	8.6	510	<0.50	<0.50	<0.50	<50	<5.0	<0.50	<0.50
	11/05/08	4.8	170	<2.0	<2.0	<2.0	--	<100	--	--
	02/06/09	5.5	110	<0.50	<0.50	<0.50	<200	<5.0	--	--
	05/07/09	4.3	60	<0.50	<0.50	<0.50	<50	<5.0	--	--
	06/01/10	4.3	570	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	5.9	1,300	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	3.5	1,300	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--
	12/13/11	2.8	2,800	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--
	07/23/12	2.5	1,400	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-6	07/09/02	11,300	--	--	--	--	--	--	--	--
	07/11/03	18,000	--	--	--	--	--	--	--	--
	11/13/03	18,000	ND	--	--	--	--	--	--	--
	02/19/04	5,310	4,260	--	--	--	--	--	--	--
	05/21/04	3,900	4,060	--	--	--	--	--	--	--
	08/11/05	3,200	--	--	--	--	--	--	--	--
	11/30/05	3,400	--	--	--	--	--	--	--	--
	08/08/08	230	810	<0.50	<0.50	<0.66	<200	<8.0	<0.50	<0.50
	11/05/08	340	950	<10	<10	<10	--	<500	--	--
	02/06/09	140	690	<0.50	<0.50	<0.50	<200	<5.0	--	--
	05/07/09	150	460	<0.50	<0.50	<0.50	<100	<5.0	--	--
	06/01/10	350	770	<5.0 [1]	<5.0 [1]	<5.0 [1]	<50	<5.0	--	--
	09/07/10	Not Scheduled for Sampling								
	12/08/10	420	890	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--
	05/26/11	230	640	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--
	12/13/11	400	1,200	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--
	07/23/12	320	1,200	<3.0[1]	<3.0[1]	21	<50	<5.0	--	--

TABLE 2
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-7	06/01/10	22	18	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	17	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	7.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	2.8	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	9.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	6.7	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-10	06/01/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-11	06/01/10	6.7	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	98	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	96	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	17	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	1.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-12A	06/01/10	260	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	300	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	250	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	420	66	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	260	90	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-13A	06/01/10	7.1	33	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	15	61	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	8.3	33	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	6.8	27	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	2.1	12	<1.0	<1.0	<1.0	<50	<5.0	--	--
REMEDIATION WELL										
EX-1	05/26/11	730	6,700	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--
	12/13/11	--	--	--	--	--	--	--	--	--
	07/23/12	--	--	--	--	--	--	--	--	--

TABLE 2
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
DEEPER WELLS										
MW-5B	06/01/10	0.70	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	1.4	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	1.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	3.2	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	7.5	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	16	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-6B	06/01/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
MW-12B	06/01/10	0.84	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	<50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	0.80	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	07/23/12	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--

Legend/Key:

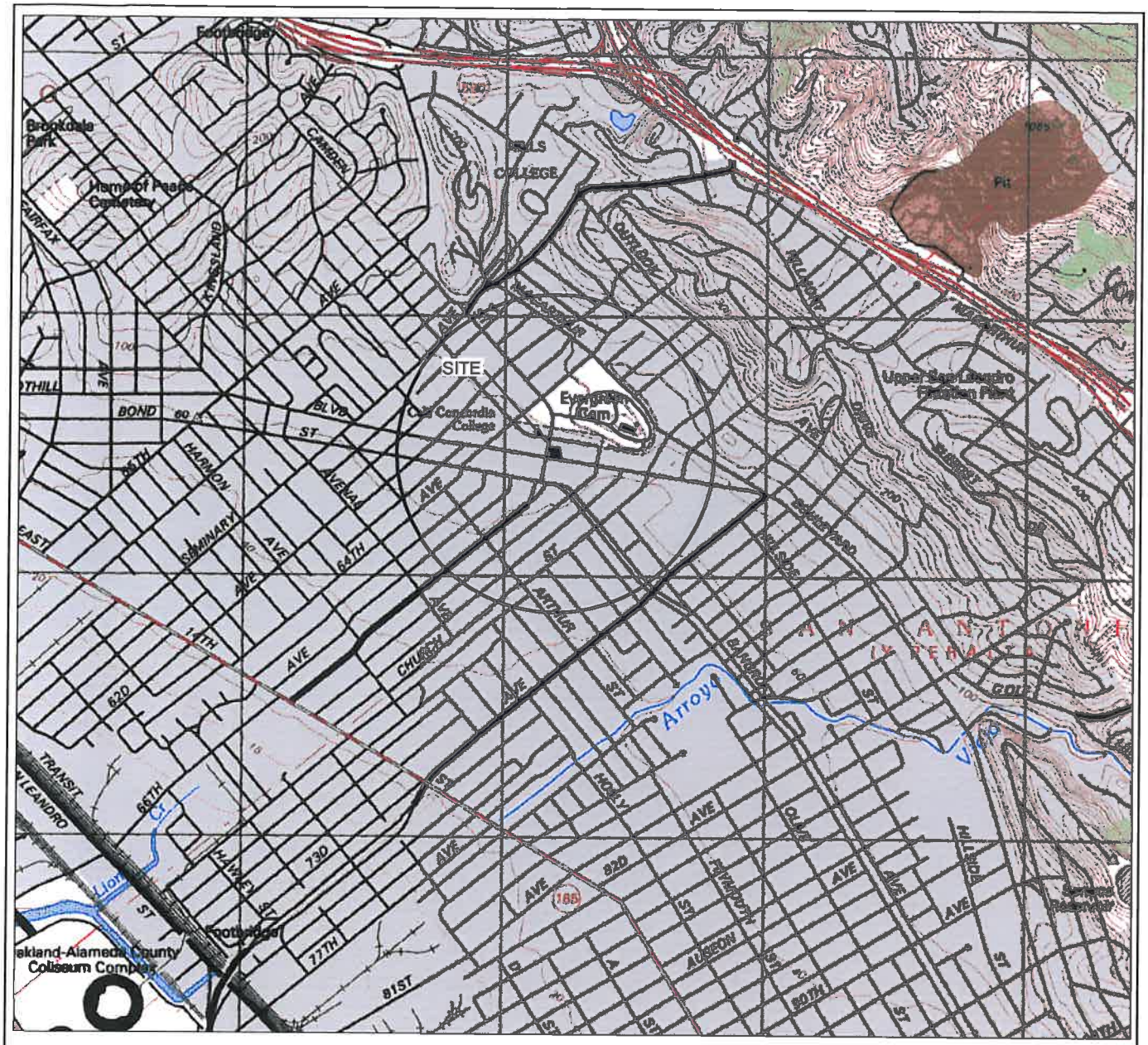
MTBE = Methyl tertiary butyl ether
TBA = Tertiary butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
ND= "not-detected" or below the Method Detection Limits
--= Not available/not analyzed
mg/L = micrograms per liter

[1] = Reporting limits were increased due to high concentration of target analytes.

TABLE 3
WELL CONSTRUCTION DETAIL SUMMARY
Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Boring/Well I.D.	Date Installed	Boring Depth (feet)	Boring Diameter (inches)	Well Diameter (inches)	Well Depth (feet)	Screen Interval (feet bgs)	Slot Size (inches)	Drilling Method
Shallow Groundwater Monitoring Wells								
MW-1	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-2	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-3	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-4	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-5	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-6	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-7	09/23/09	25	8	2	25	10-25	0.01	HSA
MW-10	09/22/09	25	8	2	25	15-25	0.01	HSA
MW-11	09/23/09	25	8	2	25	10-25	0.01	HSA
MW-12A	09/22/09	25	8	2	25	10-25	0.01	HSA
MW-13A	09/24/09	25	8	2	25	5--25	0.01	HSA
Deeper Groundwater Monitoring Wells								
MW-5B	09/23/09	45	8	2	45	35-45	0.01	HSA
MW-6B	09/24/09	50	8	2	50	35-50	0.01	HSA
MW-12B	09/22/09	43	8	2	43	33-43	0.01	HSA
Remediation Wells								
EX-1	04/04/11	30	10	4	30	10-30	0.02	HSA
IW-1A/B	04/06/11	28	8	1	21.5	20.5-21.5	0.02	HSA
				1	27	25-27	microporous	
IW-2A/B	04/06/11	28	8	1	21.5	20.5-21.5	0.02	HSA
				1	27	25-27	microporous	
Soil Gas Monitoring Wells								
SGW-1	04/06/11	2.5	6	0.25	2.5	2-2.5	mesh	hand digging
SGW-2	04/07/11	1.5	6	0.25	1.5	1-1.5	mesh	hand digging

Notes:
HSA = hollow stem auger



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
OAKLAND EAST, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

N

QUADRANGLE LOCATION

0 2000 FT

SCALE 1:24,000

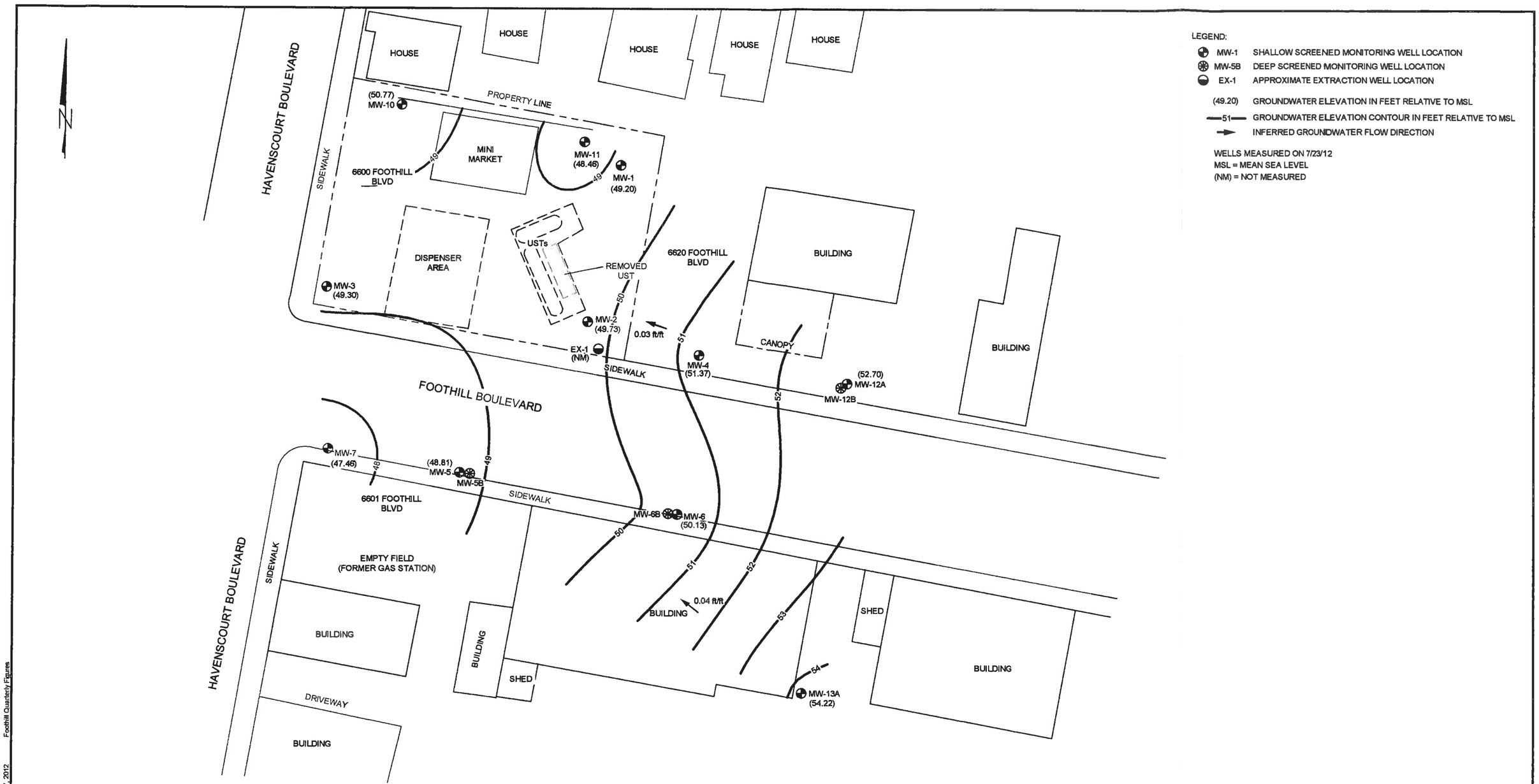
STRATUS
ENVIRONMENTAL, INC.

FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE
1

PROJECT NO.
2087-6600-01



NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

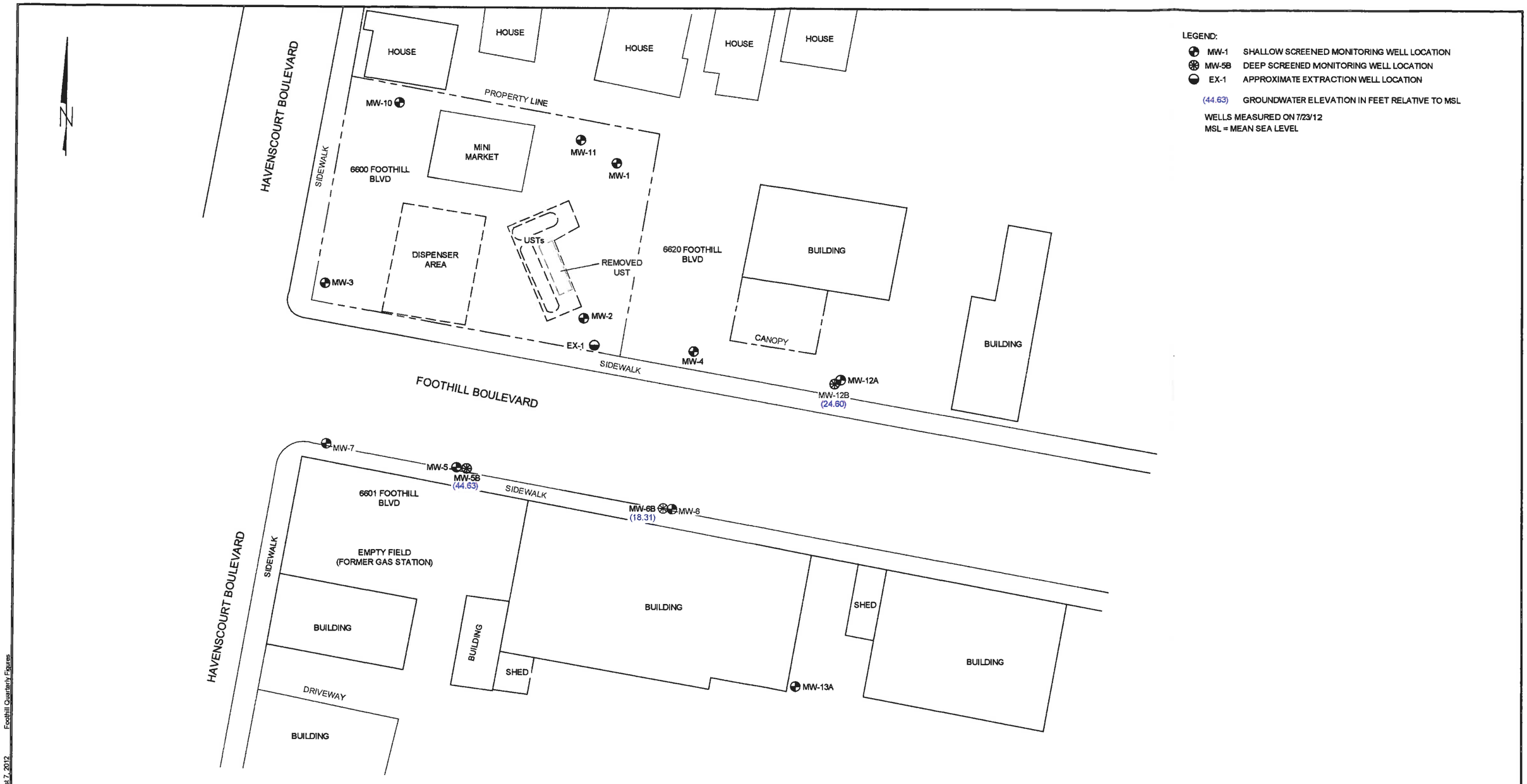
FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2012

FIGURE
2

PROJECT NO.
2087-6600-01

Foothill Mini Mart\Quarterly JMP REV August 7, 2012 Foothill Quarterly Figures



NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

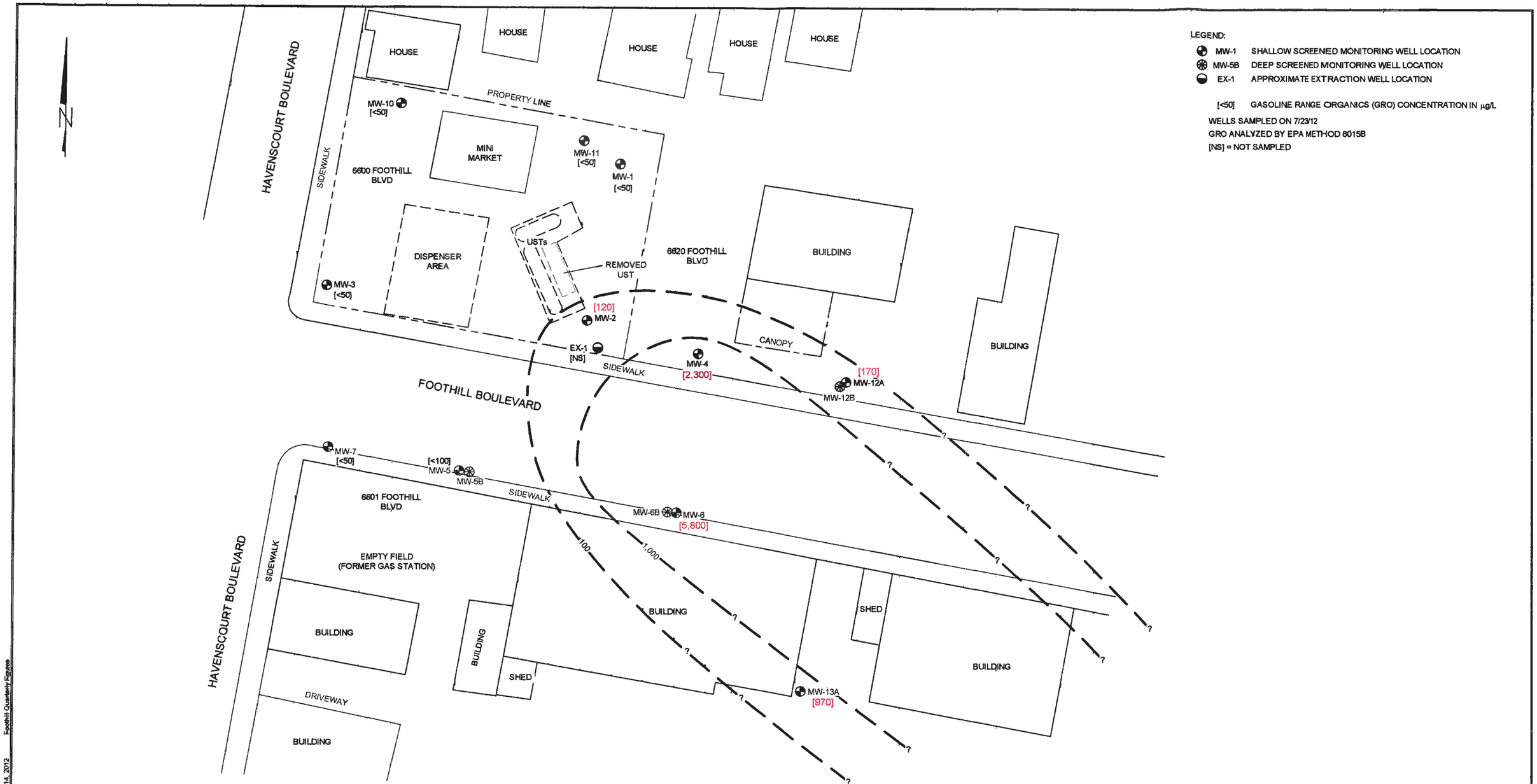
FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION MAP
DEEP SCREENED WELLS
3rd QUARTER 2012

FIGURE
3

PROJECT NO.
2087-6600-01

JMP REV August 7, 2012 Foothill Quarterly Figures
Foothill Mini Mart\Quarterly



LEGEND:

- MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-5B DEEP SCREENED MONITORING WELL LOCATION
- EX-1 APPROXIMATE EXTRACTION WELL LOCATION

[<50] GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L

WELLS SAMPLED ON 7/23/12
GRO ANALYZED BY EPA METHOD 8015B
[NS] = NOT SAMPLED

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

GRO ISO-CONCENTRATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2012

FIGURE
4

PROJECT NO.
2087-6600-01

Foothill Mini Mart\Quarterly JMP REV August 14, 2012 Foothill Quarterly Figures

LEGEND:

- MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-5B DEEP SCREENED MONITORING WELL LOCATION
- EX-1 APPROXIMATE EXTRACTION WELL LOCATION

[<0.50] BENZENE CONCENTRATION IN µg/L

WELLS SAMPLED ON 7/23/12
BENZENE ANALYZED BY EPA METHOD 8260B
[NS] = NOT SAMPLED

N

HAVENSCOURT BOULEVARD

SIDEWALK

PROPERTY LINE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

MW-10 [<0.50]

6600 FOOTHILL BLVD

MINI MARKET

MW-11 [<0.50]

MW-1 [<0.50]

DISPENSER AREA

USTs

REMOVED UST

6620 FOOTHILL BLVD

BUILDING

CANOPY

BUILDING

MW-3 [<0.50]

MW-2 [<0.50]

EX-1 [NS]

SIDEWALK

MW-4 [<1.0]

[<0.50] MW-12A

MW-12B

FOOTHILL BOULEVARD

MW-7 [<0.50]

[<0.50] MW-5

MW-5B

SIDEWALK

6601 FOOTHILL BLVD

MW-6B

MW-6 [54]

1.0

10

EMPTY FIELD (FORMER GAS STATION)

SIDEWALK

HAVENSCOURT BOULEVARD

BUILDING

BUILDING

SHED

BUILDING

DRIVEWAY

BUILDING

BUILDING

SHED

BUILDING

MW-13A [<0.50]

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT

SCALE

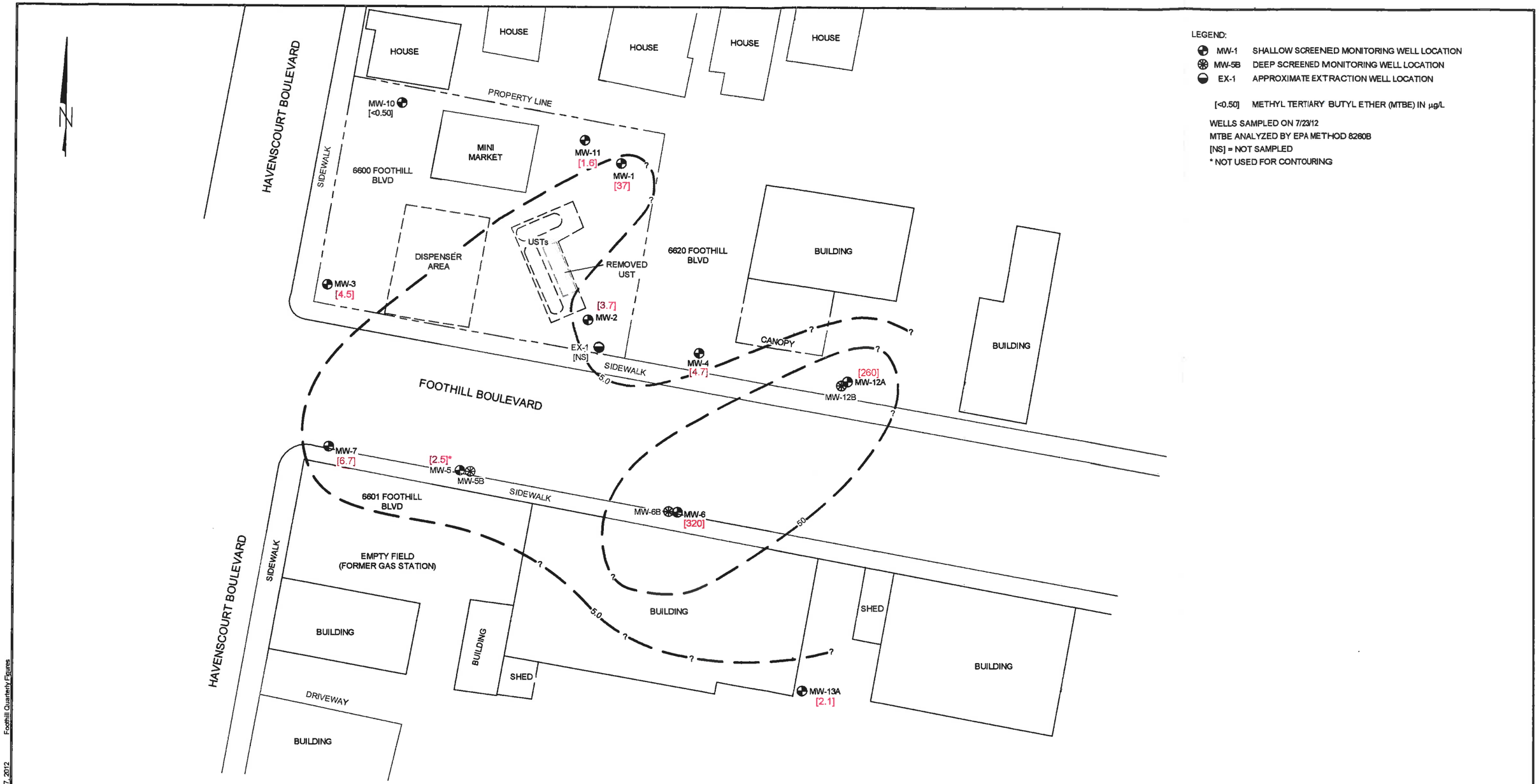
FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

BENZENE ISO-CONCENTRATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2012

FIGURE
5

PROJECT NO.
2087-6600-01

Foothill Mini Mart\Quarterly JMP REV August 14, 2012 Foothill Quarterly Figures



LEGEND:

- MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-5B DEEP SCREENED MONITORING WELL LOCATION
- EX-1 APPROXIMATE EXTRACTION WELL LOCATION

[<0.50] METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

WELLS SAMPLED ON 7/23/12
MTBE ANALYZED BY EPA METHOD 8260B
[NS] = NOT SAMPLED
* NOT USED FOR CONTOURING

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

Foothill Mini Mart\Quarterly JMP REV August 7, 2012 Foothill Quarterly Figures

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

MTBE ISO-CONCENTRATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2012

FIGURE
6

PROJECT NO.
2087-6600-01

LEGEND:

- MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-5B DEEP SCREENED MONITORING WELL LOCATION
- EX-1 APPROXIMATE EXTRACTION WELL LOCATION
- [<10] TERT-BUTYL ALCOHOL (TBA) CONCENTRATION IN µg/L

WELLS SAMPLED ON 7/23/12
TBA ANALYZED BY EPA METHOD 8260B
[NS] = NOT SAMPLED

HAVENSCOURT BOULEVARD
FOOTHILL BOULEVARD
SIDEWALK
PROPERTY LINE
HOUSE
MINI MARKET
6600 FOOTHILL BLVD
6620 FOOTHILL BLVD
6601 FOOTHILL BLVD
EMPTY FIELD (FORMER GAS STATION)
DISPENSER AREA
USTs
REMOVED UST
CANOPY
BUILDING
SHED
DRIVEWAY
MW-10 [<10]
MW-11 [<10]
MW-1 [<10]
MW-3 [14]
[510] MW-2
EX-1 [NS]
MW-4 [2,400]
[90] MW-12A
MW-12B
MW-7 [<10]
[1,400] MW-5
MW-5B
MW-6B
MW-6 [1,200]
MW-13A [12]
10
100
1,000

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

TBA ISO-CONCENTRATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2012

FIGURE
7

PROJECT NO.
2087-6600-01

Foothill Mini Mart\Quarterly JMP REV August 14, 2012 Foothill Quarterly Figures

LEGEND:

- MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-5B DEEP SCREENED MONITORING WELL LOCATION
- EX-1 APPROXIMATE EXTRACTION WELL LOCATION

<50	GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L
<50	BENZENE CONCENTRATION IN µg/L
<0.50	METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L
<10	TERT-BUTYL ALCOHOL (TBA) CONCENTRATION IN µg/L

WELLS SAMPLED ON 7/23/12
GRO ANALYZED BY EPA METHOD 8015B
TBA, MTBE, & BENZENE ANALYZED BY EPA METHOD 8260B

N

HAVENSCOURT BOULEVARD

SIDEWALK

PROPERTY LINE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

MW-10

MINI MARKET

6600 FOOTHILL BLVD

MW-11

MW-1

DISPENSER AREA

USTs

REMOVED UST

MW-3

MW-2

6620 FOOTHILL BLVD

BUILDING

CANOPY

BUILDING

EX-1

SIDEWALK

MW-4

FOOTHILL BOULEVARD

MW-12A

MW-12B

<50
<0.50
<0.50
<10

MW-7

MW-5

MW-5B

<50
<0.50
16
<10

SIDEWALK

6601 FOOTHILL BLVD

<50
<0.50
<0.50
<10

MW-6B

MW-6

HAVENSCOURT BOULEVARD

SIDEWALK

EMPTY FIELD (FORMER GAS STATION)

BUILDING

DRIVEWAY

BUILDING

BUILDING

SHED

BUILDING

SHED

BUILDING

MW-13A

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

0 40 FT
SCALE

FOOTHILL MINI MART
6600 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

GROUNDWATER ANALYTICAL SUMMARY
DEEP SCREENED WELLS
3rd QUARTER 2012

FIGURE
8

PROJECT NO.
2087-6600-01

JMP REV August 7, 2012 Foothill Quarterly Figures
Foothill Mini MartQuarterly

APPENDIX A

FIELD DATA SHEETS

STRATUS ENVIRONMENTAL, INC.

Site Address: 6600 Foothill Blvd
City: Oakland
Sampled by: Shane Edmunds
Signature: Shane Edmunds

Site Number: Foothill Mini Mart
Project Number: 2087-6600-01
Project PM: Scott Bittinger
DATE: 7/23/12

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
MW-1	0710		10.82	24.18	13.36	2	0.5	6.68	7		X		LOW	12.34	MW-1	1459	
2	0659		9.01	24.01	15.00			7.50	7.5				LOW	14.40	MW-2	1511	
3	0716		10.64	23.55	12.91			6.46	6.5					11.33	MW-3	1244	
4	0754		6.82	17.89	9.07			4.54	5					8.81	MW-4	0856	
5	0731		8.99	19.34	10.35			5.18	5.5				LOW	10.64	MW-5	1412	
5B	0728		13.06	45.13	32.07			16.04	7			X	DRY	13.08	MW-5B	1422	
6	0736		6.88	18.42	11.54			5.77	6		X			8.86	MW-6	1124	
6B	0740		38.40	49.87	11.47			5.74	6				LOW	40.40	MW-6B	1433	
7	0722		11.20	24.70	13.50			6.75	7				LOW	15.54	MW-7	1401	
10	0720		11.12	24.90	13.78			6.89	7				LOW	16.71	MW-10	1447	
11	0705		12.51	24.78	12.27			6.14					LOW	13.64	MW-11	1325	
12A	0750		10.28	21.47	11.19			5.60	6					13.17	MW-12A	0817	
12B	0746		38.34	43.31	4.97			2.49	2.5				LOW	40.61	MW-12B	1142	
13A	1018		6.68	24.90	18.22	2.0	0.5	9.11	9.5		X			10.24	MW-13A	1037	

Multiplier
2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures
pH/Conductivity/temperature Meter - Oakton Model PC-10
DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE
pH 7/23 SE
Conductivity Error
DO 7/23 SE

T:\Forms

STRATUS ENVIRONMENTAL, INC.

Site Address 6600 Foothill Blvd
City Oakland
Sampled By: S. Edmonds
Signature S. Edmonds

Site Number Foothill Mini Mart
Project Number 2087-6600-01
Project PM Scott Bittinger
DATE 7/23/12

Well ID MW-6

Purge start time | Odor (Y) N

	Temp C	pH	cond	gallons
time 1112	20.6	6.77	137	0
time 1116	19.2	6.70	138	3
time 1119	18.7	6.76	134	6
time				

purge stop time DO=1.19 | ORP 53

Well ID MW-3

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 1230	21.5	6.76	141	0
time 1235	20.9	6.86	134	3.5
time 1239	20.8	6.83	129	6.5
time				

purge stop time DO=1.30 | ORP 48

Well ID MW-1

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 1309	20.0	6.54	162	0
time 1314	19.3	6.25	166	3.5
time 1318	19.2	6.35	168	7
time				

purge stop time DO=0.98 | ORP 61

Well ID

Purge start time | Odor Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time | ORP

Well ID MW-10

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 1207	19.8	8.00	138	0
time 1211	18.8	7.86	145	3
time 1216	18.4	7.74	155	7
time				

purge stop time DO=0.93 | ORP 58

Well ID MW-11

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 1255	19.3	6.61	179	0
time 1259	18.8	6.24	189	3.5
time 1303	18.6	6.33	195	6.5
time				

purge stop time DO=1.45 | ORP 58

Well ID MW-2

Purge start time | Odor (Y) N

	Temp C	pH	cond	gallons
time 1334	22.5	6.74	173	0
time 1339	21.3	6.53	177	3.5
time 1344	20.2	6.90	173	7.5
time				

purge stop time DO=0.54 | ORP 46

Well ID

Purge start time | Odor Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time | ORP

STRATUS ENVIRONMENTAL, INC.

Site Address 6600 Foothill Blvd
City Oakland
Sampled By: S. Edmunds
Signature S. Edmunds

Site Number Foothill Mini Mart
Project Number 2087-6600-01
Project PM Scott Bittinger
DATE 7/23/12

Well ID MW-12A

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 0807	19.5	7.70	130	0
time 0810	19.2	7.47	145	3
time 0813	19.0	7.18	151	6
time				

purge stop time DO = 1.34 | ORP 119

Well ID MW-12B

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 0825	19.6	7.18	184	0
time 0828	19.2	7.25	187	1.5
time 0831	18.9	7.34	188	2.5
time				

purge stop time DO = 2.88 | ORP 94

Well ID MW-4

Purge start time | Odor (Y) N

	Temp C	pH	cond	gallons
time 0842	20.9	6.93	151	0
time 0845	21.3	6.85	148	2.5
time 0848	20.8	6.85	146	5
time				

purge stop time DO = 1.39 | ORP 91

Well ID MW-7

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 0921	19.3	7.13	149	0
time 0926	18.4	7.17	147	3.5
time 0932	18.4	6.97	152	7
time				

purge stop time DO = 1.00 | ORP 390

Well ID MW-5B

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 0949	18.8	7.58	149	0
time 0956	Dry @ 7 Gallons purged			
time				
time				

purge stop time DO = 0.95 | ORP 43

Well ID MW-5

Purge start time | Odor (Y) N

	Temp C	pH	cond	gallons
time 0954	19.8	6.92	106	0
time 0957	19.1	6.82	134	3
time 1000	18.3	6.73	141	5.5
time				

purge stop time DO = 1.66 | ORP 48

Well ID MW-13

Purge start time | Odor (Y) N

	Temp C	pH	cond	gallons
time 1023	19.9	6.80	127	0
time 1028	20.0	6.84	127	4.5
time 1033	18.2	6.85	127	9.5
time				

purge stop time DO = 2.12 | ORP 43

Well ID MW-6R

Purge start time | Odor Y (N)

	Temp C	pH	cond	gallons
time 1050	19.8	7.27	142	0
time 1057	18.8	7.20	140	3
time 1104	18.7	7.17	142	6
time				

purge stop time DO = 1.30 | ORP 50

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

The sampling and analysis procedures as well as the quality assurance plan are contained in this appendix. The procedures and adherence to the quality assurance plan will provide for consistent and reproducible sampling methods; proper application of analytical methods; accurate and precise analytical results; and finally, these procedures will provide guidelines so that the overall objectives of the monitoring program are achieved.

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the ground water depth in monitoring wells that do not contain LPH. Depth to ground water or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typical a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

Subjective Analysis of Ground Water

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

Monitoring Well Purging and Sampling

Monitoring wells are purged using a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water have been removed. If three well volumes can not be removed in one half hour's time the well is allowed to recharge to 80% of original level. After recharging, a ground water sample is then removed from each of the wells using a disposable bailer.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped.

The water sample is collected, labeled, and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of accruing to regulatory accepted method pertaining to the site.

QUALITY ASSURANCE PLAN

Procedures to provide data quality should be established and documented so that conditions adverse to quality, such as deficiencies, deviations, nonconforments, defective material, services, and/or equipment, can be promptly identified and corrected.

General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample is collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of samples used on this project can be found in this section.

Soil and Water Sample Labeling and Preservation

Label information includes a unique sample identification number, job identification number, date, and time. After labeling all soil and water samples are placed in a Ziploc® type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

Upon recovery, the sample container is sealed to minimize the potential of volatilization and cross-contamination prior to chemical analysis. Soil sampling tubes are typically closed at each end with Teflon® sheeting and plastic caps. The sample is then placed in a Ziploc® type bag and sealed. The sample is labeled and refrigerated at approximately 4° Celsius for delivery, under strict chain-of-custody, to the analytical laboratory.

Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded on the borehole log or in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and

noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

Equipment Cleaning

Sample bottles, caps, and septa used in sampling for volatile and semivolatile organics will be triple rinsed with high-purity deionized water. After being rinsed, sample bottles will be dried overnight at a temperature of 200°C. Sample caps and septa will be dried overnight at a temperature of 60°C. Sample bottles, caps, and septa will be protected from solvent contact between drying and actual use at the sampling site. Sampling containers will be used only once and discarded after analysis is complete.

Plastic bottles and caps used in sampling for metals will be soaked overnight in a 1-percent nitric acid solution. Next, the bottles and caps will be triple rinsed with deionized water. Finally, the bottles and caps will be air dried before being used at the site. Plastic bottles and caps will be constructed of linear polyethylene or polypropylene. Sampling containers will be used only once and discarded after analysis is complete. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

Before the sampling event is started, equipment that will be placed in the well or will come in contact with groundwater will be disassembled and cleaned thoroughly with detergent water, and then steam cleaned with deionized water. Any parts that may absorb contaminants, such as plastic pump valves, etc. will be cleaned as described above or replaced.

During field sampling, equipment surfaces that are placed in the well or contact groundwater will be steam cleaned with deionized water before the next well is purged or sampled. Equipment blanks will be collected and analyzed from non-disposable sampling equipment that is used for collecting groundwater samples at the rate of one blank per twenty samples collected.

Internal Quality Assurance Checks

Internal quality assurance procedures are designed to provide reliability of monitoring and measurement of data. Both field and laboratory quality assurance checks are necessary to evaluate the reliability of sampling and analysis results. Internal quality assurance procedures generally include:

- Laboratory Quality Assurance

  - Documentation of instrument performance checks
  - Documentation of instrument calibration
  - Documentation of the traceability of instrument standards, samples, and data
  - Documentation of analytical and QC methodology (QC methodology includes use of spiked samples, duplicate samples, split samples, use of reference blanks, and check standards to check method accuracy and precision)

- Field Quality Assurance

  - Documentation of sample preservation and transportation
  - Documentation of field instrument calibration and irregularities in performance

Internal laboratory quality assurance checks will be the responsibility of the contract laboratories. Data and reports submitted by field personnel and the contract laboratory will be reviewed and maintained in the project files.

Types of Quality Control Checks

Samples are analyzed using analytical methods outlined in EPA Manual SW 846 and approved by the California Regional Water Quality Control Board-Central Valley Region in the Leaking Underground Fuel Tanks (LUFT) manual and appendices. Standard contract laboratory quality control may include analysis or use of the following:

- Method blanks – reagent water used to prepare calibration standards, spike solutions, etc. is analyzed in the same manner as the sample to demonstrate that analytical interferences are under control.
- Matrix spiked samples – a known amount of spike solution containing selected constituents is added to the sample at concentrations at which the accuracy of the analytical method is to satisfactorily monitor and evaluate laboratory data quality.
- Split samples – a sample is split into two separate aliquots before analysis to assess the reproducibility of the analysis.
- Surrogate samples – samples are spiked with surrogate constituents at known concentrations to monitor both the performance of the analytical system and the effectiveness of the method in dealing with the sample matrix.
- Control charts – graphical presentation of spike or split sample results used to track the accuracy or precision of the analysis.
- Quality control check samples – when spiked sample analysis indicates atypical instrument performance, a quality check sample, which is prepared independently of the calibration standards and contains the constituents of interest, is analyzed to confirm that measurements were performed accurately.

- Calibration standards and devices – traceable standards or devices to set instrument response so that sample analysis results represent the absolute concentration of the constituent.

Field QA samples will be collected to assess sample handling procedures and conditions. Standard field quality control may include the use of the following, and will be collected and analyzed as outlined in EPA Manual SW 846.

- Field blanks – reagent water samples are prepared at the sampling location by the same procedure used to collect field groundwater samples and analyzed with the groundwater samples to assess the impact of sampling techniques on data quality. Typically, one field blank per twenty groundwater samples collected will be analyzed per sampling event.
- Field replicates – duplicate or triplicate samples are collected and analyzed to assess the reproducibility of the analytical data. One replicate groundwater sample per twenty samples collected will be analyzed per sampling event, unless otherwise specified. Triplicate samples will be collected only when specific conditions warrant and generally are sent to an alternate laboratory to confirm the accuracy of the routinely used laboratory.
- Trip blanks – reagent water samples are prepared before field work, transported and stored with the samples and analyzed to assess the impact of sample transport and storage for data quality. In the event that any analyte is detected in the field blank, a trip blank will be included in the subsequent groundwater sampling event.

Data reliability will be evaluated by the certified laboratory and reported on a cover sheet attached to the laboratory data report. Analytical data resulting from the testing of field or trip blanks will be included in the laboratory's report. Results from matrix spike, surrogate, and method blank testing will be reported, along with a statement of whether the samples were analyzed within the appropriate holding time.

Stratus will evaluate the laboratory's report on data reliability and note significant QC results that may make the data biased or unacceptable. Data viability will be performed as outlined in EPA Manual SW 846. If biased or unacceptable data is noted, corrective actions (including re-sample/re-analyze, etc.) will be evaluated on a site-specific basis.

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

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

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 07/25/12

Job: 2087-6600-01/Foothill Mini Mart

GC/MSD by Direct Injection
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **MW-1**				
Lab ID : STR12072540-01A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:59 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-2**				
Lab ID : STR12072540-02A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 15:11 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-3**				
Lab ID : STR12072540-03A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 23:44 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-4**				
Lab ID : STR12072540-04A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 08:56 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-5**				
Lab ID : STR12072540-05A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:12 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-5B**				
Lab ID : STR12072540-06A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:22 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-6**				
Lab ID : STR12072540-07A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 11:24 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-6B**				
Lab ID : STR12072540-08A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:33 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-7**				
Lab ID : STR12072540-09A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:01 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-10**				
Lab ID : STR12072540-10A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 14:47 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-11**				
Lab ID : STR12072540-11A Methanol	ND	50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 13:25 Ethanol	ND	5.0 µg/L	07/25/12	07/25/12

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Client ID: **MW-12A**						
Lab ID : STR12072540-12A	Methanol	ND		50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 08:17	Ethanol	ND		5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-12B**						
Lab ID : STR12072540-13A	Methanol	ND		50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 11:42	Ethanol	ND		5.0 µg/L	07/25/12	07/25/12
Client ID: **MW-13A**						
Lab ID : STR12072540-14A	Methanol	ND		50 µg/L	07/25/12	07/25/12
Date Sampled 07/23/12 10:37	Ethanol	ND		5.0 µg/L	07/25/12	07/25/12

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.

8/1/12
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 07/25/12

Job: 2087-6600-01/Foothill Mini Mart

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-1					
Lab ID :	STR12072540-01A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:59	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	37	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	MW-2					
Lab ID :	STR12072540-02A	TPH-P (GRO)	120	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 15:11	Tertiary Butyl Alcohol (TBA)	510	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	3.7	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	MW-3					
Lab ID :	STR12072540-03A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 23:44	Tertiary Butyl Alcohol (TBA)	14	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	4.5	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12

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Client ID :	**MW-4**						
Lab ID :	STR12072540-04A	TPH-P (GRO)	2,300		200 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 08:56	Tertiary Butyl Alcohol (TBA)	2,400		20 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	4.7		1.0 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	V	2.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	2.0 µg/L	07/30/12	07/30/12
		Benzene	ND	V	1.0 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	V	2.0 µg/L	07/30/12	07/30/12
		Toluene	ND	V	1.0 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	V	1.0 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	V	1.0 µg/L	07/30/12	07/30/12
		o-Xylene	ND	V	1.0 µg/L	07/30/12	07/30/12
Client ID :	**MW-5**						
Lab ID :	STR12072540-05A	TPH-P (GRO)	ND	V	100 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:12	Tertiary Butyl Alcohol (TBA)	1,400		10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	2.5		0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/30/12	07/30/12
		Benzene	ND		0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/30/12	07/30/12
		Toluene	ND		0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND		0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND		0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND		0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-5B**						
Lab ID :	STR12072540-06A	TPH-P (GRO)	ND		50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:22	Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	16		0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/30/12	07/30/12
		Benzene	ND		0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/30/12	07/30/12
		Toluene	ND		0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND		0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND		0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND		0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-6**						
Lab ID :	STR12072540-07A	TPH-P (GRO)	5,800		300 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 11:24	Tertiary Butyl Alcohol (TBA)	1,200		30 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	320		1.5 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	V	3.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	3.0 µg/L	07/30/12	07/30/12
		Benzene	54		1.5 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	21		3.0 µg/L	07/30/12	07/30/12
		Toluene	ND	V	1.5 µg/L	07/30/12	07/30/12
		Ethylbenzene	9.4		1.5 µg/L	07/30/12	07/30/12
		m,p-Xylene	9.3		1.5 µg/L	07/30/12	07/30/12
		o-Xylene	ND	V	1.5 µg/L	07/30/12	07/30/12

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Client ID :	**MW-6B**					
Lab ID :	STR12072540-08A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:33	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-7**					
Lab ID :	STR12072540-09A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:01	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	6.7	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-10**					
Lab ID :	STR12072540-10A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 14:47	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-11**					
Lab ID :	STR12072540-11A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 13:25	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	1.6	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12

Alpha Analytical, Inc.

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Client ID :	**MW-12A**					
Lab ID :	STR12072540-12A	TPH-P (GRO)	170	100 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 08:17	Tertiary Butyl Alcohol (TBA)	90	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	260	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-12B**					
Lab ID :	STR12072540-13A	TPH-P (GRO)	ND	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 11:42	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
Client ID :	**MW-13A**					
Lab ID :	STR12072540-14A	TPH-P (GRO)	970	50 µg/L	07/30/12	07/30/12
Date Sampled	07/23/12 10:37	Tertiary Butyl Alcohol (TBA)	12	10 µg/L	07/30/12	07/30/12
		Methyl tert-butyl ether (MTBE)	2.1	0.50 µg/L	07/30/12	07/30/12
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	07/30/12	07/30/12
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	07/30/12	07/30/12
		Benzene	ND	0.50 µg/L	07/30/12	07/30/12
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	07/30/12	07/30/12
		Toluene	ND	0.50 µg/L	07/30/12	07/30/12
		Ethylbenzene	ND	0.50 µg/L	07/30/12	07/30/12
		m,p-Xylene	ND	0.50 µg/L	07/30/12	07/30/12
		o-Xylene	ND	0.50 µg/L	07/30/12	07/30/12

Gasoline Range Organics (GRO) C4-C13

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

ND = Not Detected

Reported in micrograms per Liter, per client request.

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.

8/1/12

Report Date

Alpha Analytical, Inc.

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

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

VOC Sample Preservation Report

Work Order: STR12072540 **Job:** 2087-6600-01/Foothill Mini Mart

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12072540-01A	MW-1	Aqueous	2
12072540-02A	MW-2	Aqueous	2
12072540-03A	MW-3	Aqueous	2
12072540-04A	MW-4	Aqueous	2
12072540-05A	MW-5	Aqueous	2
12072540-06A	MW-5B	Aqueous	2
12072540-07A	MW-6	Aqueous	2
12072540-08A	MW-6B	Aqueous	2
12072540-09A	MW-7	Aqueous	2
12072540-10A	MW-10	Aqueous	2
12072540-11A	MW-11	Aqueous	2
12072540-12A	MW-12A	Aqueous	2
12072540-13A	MW-12B	Aqueous	2
12072540-14A	MW-13A	Aqueous	2

8/1/12

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

Date: 31-Jul-12

QC Summary Report

Work Order: 12072540

Method Blank

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

File ID: **C:\HPCHEM\MS11\DATA\120725\12072508.D** Batch ID: **29132** Analysis Date: **07/25/2012 17:36**

Sample ID: **MBLK-29132** Units : **µg/L** Run ID: **MSD_11_120725A** Prep Date: **07/25/2012 14:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	ND	50								
Ethanol	ND	5								
Surr: Hexafluoro-2-propanol	541		500		108	61	134			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS11\DATA\120725\12072504.D** Batch ID: **29132** Analysis Date: **07/25/2012 16:20**

Sample ID: **LCS-29132** Units : **µg/L** Run ID: **MSD_11_120725A** Prep Date: **07/25/2012 14:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	174	50	250		70	44	145			
Ethanol	295	5	250		118	62	150			
Surr: Hexafluoro-2-propanol	534		500		107	61	134			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS11\DATA\120725\12072506.D** Batch ID: **29132** Analysis Date: **07/25/2012 16:58**

Sample ID: **12072540-02AMS** Units : **µg/L** Run ID: **MSD_11_120725A** Prep Date: **07/25/2012 14:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	198	50	250	0	79	33	159			
Ethanol	333	5	250	0	133	56	153			
Surr: Hexafluoro-2-propanol	516		500		103	61	134			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS11\DATA\120725\12072507.D** Batch ID: **29132** Analysis Date: **07/25/2012 17:17**

Sample ID: **12072540-02AMSD** Units : **µg/L** Run ID: **MSD_11_120725A** Prep Date: **07/25/2012 14:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	205	50	250	0	82	33	159	198.4	3.4(28)	
Ethanol	324	5	250	0	130	56	153	333.1	2.7(40)	
Surr: Hexafluoro-2-propanol	552		500		110	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: 01-Aug-12

QC Summary Report

Work Order: 12072540

Method Blank

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

File ID: **12073005.D** Batch ID: **MS15W0730B** Analysis Date: **07/30/2012 13:28**

Sample ID: **MBLK MS15W0730B** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 13:28**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	10.3		10		103	70	130			
Surr: Toluene-d8	9.63		10		96	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

Laboratory Control Spike

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

File ID: **12073003.D** Batch ID: **MS15W0730B** Analysis Date: **07/30/2012 12:37**

Sample ID: **GLCS MS15W0730B** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 12:37**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	410	50	400		102	70	130			
Surr: 1,2-Dichloroethane-d4	10.3		10		103	70	130			
Surr: Toluene-d8	9.51		10		95	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike

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

File ID: **12073028.D** Batch ID: **MS15W0730B** Analysis Date: **07/30/2012 21:47**

Sample ID: **12072540-01AGS** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 21:47**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2020	250	2000	0	101	51	144			
Surr: 1,2-Dichloroethane-d4	51.4		50		103	70	130			
Surr: Toluene-d8	47.1		50		94	70	130			
Surr: 4-Bromofluorobenzene	52.7		50		105	70	130			

Sample Matrix Spike Duplicate

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

File ID: **12073029.D** Batch ID: **MS15W0730B** Analysis Date: **07/30/2012 22:09**

Sample ID: **12072540-01AGSD** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 22:09**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2190	250	2000	0	110	51	144	2016	8.3(29)	
Surr: 1,2-Dichloroethane-d4	51.2		50		102	70	130			
Surr: Toluene-d8	47.4		50		95	70	130			
Surr: 4-Bromofluorobenzene	52.3		50		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.

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

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Date: 01-Aug-12

QC Summary Report

Work Order: 12072540

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**
File ID: **12073005.D** Batch ID: **MS15W0730A** Analysis Date: **07/30/2012 13:28**
Sample ID: **MBLK MS15W0730A** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 13:28**

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								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	10.3		10		103	70	130			
Surr: Toluene-d8	9.63		10		96	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**
File ID: **12073002.D** Batch ID: **MS15W0730A** Analysis Date: **07/30/2012 12:15**
Sample ID: **LCS MS15W0730A** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 12:15**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.15	0.5	10		82	65	140			
Benzene	9.85	0.5	10		99	70	130			
Toluene	9.09	0.5	10		91	80	120			
Ethylbenzene	9.35	0.5	10		94	80	120			
m,p-Xylene	8.88	0.5	10		89	70	130			
o-Xylene	8.96	0.5	10		90	70	130			
Surr: 1,2-Dichloroethane-d4	11.2		10		112	70	130			
Surr: Toluene-d8	9.6		10		96	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**
File ID: **12073026.D** Batch ID: **MS15W0730A** Analysis Date: **07/30/2012 21:04**
Sample ID: **12072302-19AMS** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 21:04**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	60.6	1.3	50	9.94	101	47	150			
Benzene	51.4	1.3	50	0	103	59	138			
Toluene	47.9	1.3	50	0	96	68	130			
Ethylbenzene	48.7	1.3	50	0	97	68	130			
m,p-Xylene	46.8	1.3	50	0	94	68	131			
o-Xylene	47.8	1.3	50	0	96	70	130			
Surr: 1,2-Dichloroethane-d4	51.3		50		103	70	130			
Surr: Toluene-d8	47.4		50		95	70	130			
Surr: 4-Bromofluorobenzene	52.3		50		105	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**
File ID: **12073027.D** Batch ID: **MS15W0730A** Analysis Date: **07/30/2012 21:25**
Sample ID: **12072302-19AMSD** Units : **µg/L** Run ID: **MSD_15_120730B** Prep Date: **07/30/2012 21:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	62.4	1.3	50	9.94	105	47	150	60.64	2.9(40)	
Benzene	54.2	1.3	50	0	108	59	138	51.42	5.2(21)	
Toluene	50.9	1.3	50	0	102	68	130	47.9	6.2(20)	
Ethylbenzene	51	1.3	50	0	102	68	130	48.67	4.7(20)	
m,p-Xylene	49	1.3	50	0	98	68	131	46.83	4.5(20)	
o-Xylene	50.2	1.3	50	0	100	70	130	47.77	4.9(20)	
Surr: 1,2-Dichloroethane-d4	50.7		50		101	70	130			
Surr: Toluene-d8	48.2		50		96	70	130			
Surr: 4-Bromofluorobenzene	53.3		50		107	70	130			

Alpha Analytical, Inc.

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

Date: *01-Aug-12*

QC Summary Report

Work Order: 12072540

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 : STR12072540

Report Due By : 5:00 PM On : 01-Aug-12

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EMail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

EDD Required : **Yes**

Sampled by : Shane Edmunds

PO :

Client's COC # : 57621, 57637 Job : 2087-6600-01/Foothill Mini Mart

Cooler Temp	Samples Received	Date Printed
3 °C	25-Jul-12	25-Jul-12

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
STR12072540-01A	MW-1	AQ	07/23/12 14:59	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-02A	MW-2	AQ	07/23/12 15:11	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-03A	MW-3	AQ	07/23/12 23:44	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-04A	MW-4	AQ	07/23/12 08:56	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-05A	MW-5	AQ	07/23/12 14:12	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-06A	MW-5B	AQ	07/23/12 14:22	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY C						
STR12072540-07A	MW-6	AQ	07/23/12 11:24	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-08A	MW-6B	AQ	07/23/12 14:33	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen ice. Low level Alcohols, per COC. Sample -14A ID labeled MW-13A, confirmed as sample ID, per phone call with Scott 7/25/12. Sample -03A sampling time logged in per VOA containers. ;

	Signature	Print Name	Company	Date/Time
Logged in by:		Sarah Den	Alpha Analytical, Inc.	7/25/12 1100

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 :

CHAIN-OF-CUSTODY RECORD

CA

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

WorkOrder : STR12072540

Report Due By : 5:00 PM On : 01-Aug-12

Report Attention	Phone Number	EMail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

EDD Required : **Yes**

Sampled by : Shane Edmunds

PO :

Client's COC # : 57621, 57637 Job : 2087-6600-01/Foothill Mini Mart

Cooler Temp	Samples Received	Date Printed
3 °C	25-Jul-12	25-Jul-12

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
STR12072540-09A	MW-7	AQ	07/23/12 14:01	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY C						
STR12072540-10A	MW-10	AQ	07/23/12 14:47	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-11A	MW-11	AQ	07/23/12 13:25	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-12A	MW-12A	AQ	07/23/12 08:17	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-13A	MW-12B	AQ	07/23/12 11:42	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR12072540-14A	MW-13A	AQ	07/23/12 10:37	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen ice. Low level Alcohols, per COC. Sample -14A ID labeled MW-13A, confirmed as sample ID, per phone call with Scott 7/25/12. Sample -03A sampling time logged in per VOA containers. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Sarah Neri	Alpha Analytical, Inc.	7/25/12 1107

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

Alpha Analytical, Inc.

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

Sample Receipt Checklist

Date Report is due to Client : **8/1/2012**

Date of Notice : **7/25/2012 11:00:25 AM**

Please take note of any NO check marks. If we receive no response concerning these items within 24 hours of the date of this notice, all of the samples will be analyzed as requested.

Client Name: **Stratus Environmental**	Project ID : **2087-6600-01/Foothill Mini Mart**	
Project Manager: **Scott Bittinger**	Client's EMail: **sbittinger@stratusinc.net**	
	Client's Phone: **(530) 676-2062**	Client's FAX: **(530) 676-6005**
Work Order Number: **STR12072540**	Date Received: **7/25/2012**	Received by: Sarah Neri

Chain of Custody (COC) Information

Carrier name: FedEx

Chain of custody present ?	Yes ☑	No ☐	
Custody seals intact on shippping container/cooler ?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles ?	Yes ☐	No ☐	Not Present ☑
Chain of custody signed when relinquished and received ?	Yes ☑	No ☐	
Chain of custody agrees with sample labels ?	Yes ☑	No ☐	
Sample ID noted by Client on COC ?	Yes ☑	No ☐	
Date and time of collection noted by Client on COC ?	Yes ☑	No ☐	
Samplers's name noted on COC ?	Yes ☑	No ☐	
Internal Chain of Custody (COC) requested ?	Yes ☐	No ☑	
Sub Contract Lab Used :	None ☑	See Comments ☐	

Sample Receipt Information

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐		Cooler Temperature
Container/Temp Blank temperature in compliance (0-6°C)?	Yes ☑	No ☐		3 °C
Samples arrived in a timely manner?	Yes ☑	No ☐		
Client attempted to be contacted?	Yes ☐	No ☑	If YES : see Comments	
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	N/A ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐		
TOC Water - pH acceptable upon receipt (H2SO4 pH<2)?	Yes ☐	No ☐	N/A ☑	
Are NV non-SDWA 314 samples field filtered (0.2µ)?	Yes ☐	No ☐	N/A ☑	

Analytical Requirement Information

Are non-Standard or Modified methods requested ?	Yes ☐	No ☑	
Are there client specific Project requirements ?	Yes ☐	No ☑	If YES : see the Chain of Custody (COC)
Is this a Drinking Water regulatory sample ?	Yes ☐	No ☑	

Comments : Sample -14A ID labeled MW-13A, confirmed as sample ID, per phone call with Scott 7/25/12. Sample -03A sampling time logged in per VOA containers.

Sarah Neri

From: Sarah Neri
Sent: Wednesday, July 25, 2012 12:23 PM
To: Allan Dudding (adudding@stratusinc.net); Debbie Barr (dbarr@stratusinc.net); Renee Scherr (rscherr@stratusinc.net); Sarah Salcedo (ssalcedo@stratusinc.net)
Subject: STR12072540, 41 Sample Receipts
Attachments: STR12072541SR.pdf; STR12072540SR.pdf

Please see attached file(s).

Sarah Neri

Sample Custodian

Alpha Analytical, Inc.

800-283-1183 Ext. 118

Billing Information:

Company Name: STRATUS ENVIRONMENTAL

Attn:

Address:

City, State, Zip:

Phone Number: Fax:

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

Samples Collected From Which State? AZ ___ CA X NV ___ WA ___ DOD Site ___
ID ___ OR ___ OTHER ___

57621

Page # 1 of 2

Consultant / Client Name: Foothill Mini Mart

Address: 6600 Foothill Blvd

City, State, Zip: Oakland

Job # 2087-6600-01

Job Name:

Report Attention / Project Manager
Name: Scott Billinger
Email:
Phone: Mobile:

P.O. #:

Data Validation Level: III or IV

EDD / EDF? YES X NO ___

Global ID # T0600102286

Time Sampled	Date Sampled	Matrix* See Key Below	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	GRO	BTEX	5 Oxys	Methanol *	Ethanol *	REMARKS
1459	7/2	AQ	SIR 2072540 01A	MW-1	STD		6V	X	X	X	X	X	
1511			02A	MW-2									* Please use low detection levels for ethanol and methanol
1244			03A	MW-3									
0856			04A	MW-4									
1412			05A	MW-5									
1422			06A	MW-5B									
1124			07A	MW-6									
1433			08A	MW-6B									
1401			09A	MW-7									
1447			10A	MW-10									
1325			11A	MW-11									
0817			12A	MW-12A									
1142			13A	MW-12B									

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: Shawn Edmonds

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Shawn Edmonds		7-24-12	1600
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date: 7/25/12	Time: 1024
Relinquished by. (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*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.

Billing Information: STRATUS ENV.
Company Name
Attn:
Address
City, State, Zip
Phone Number ____ Fax ____

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

Samples Collected From Which State? AZ ____ CA ____ NV ____ WA ____ DOD Site ____
ID ____ OR ____ OTHER ____ Page # 2 of 2

57637

Consultant / Client Name: Foothill Mini Mart
Address:
City, State, Zip:
Job # 2087-6000-01
Job Name:
Report Attention / Project Manager
Name: Scot Bittinger
Email:
Phone: ____ Mobile: ____

Time Sampled	Date Sampled	Matrix* See Key Below	P.O. # / Lab ID Number / Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	GRO	BTEX	5 Oxys	Ethanol	Methanol			Data Validation Level: III or IV / REMARKS
1037	7/23	AQ	-14A	MW-13B	STD		6V	X	X	X	X	X			* See Page 1

EDD / EDF? YES X NO ____
Global ID # T0600102286

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: Shane Edwards

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Shane Edwards		7-24-12	1600
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*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.

APPENDIX D

GEOTRACKER ELECTRONIC SUBMITTAL CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	GEO_WELL
Report Title:	3Q12 QMR GeoWell 7-23-12
Facility Global ID:	T0600102286
Facility Name:	FOOTHILL MINI MART
File Name:	GEO_WELL.zip
Organization Name:	Stratus Environmental, Inc.
Username:	STRATUS NOCAL
IP Address:	12.186.106.98
Submittal Date/Time:	8/17/2012 2:53:06 PM
Confirmation Number:	4616194963

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	EDF
Report Title:	3Q12 QMR - ANALTYICAL 7-23-12
Report Type:	Monitoring Report - Quarterly
Facility Global ID:	T0600102286
Facility Name:	FOOTHILL MINI MART
File Name:	12072540_EDF.zip
Organization Name:	Stratus Environmental, Inc.
Username:	STRATUS NOCAL
IP Address:	12.186.106.98
Submittal Date/Time:	8/20/2012 7:02:49 AM
Confirmation Number:	8322906434

VIEW QC REPORT

VIEW DETECTIONS REPORT