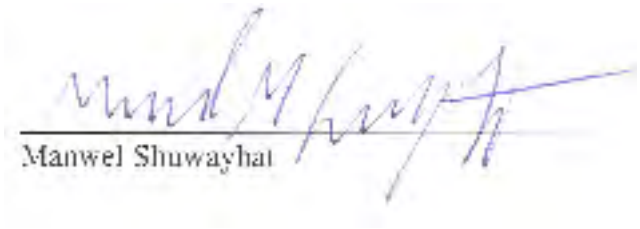
Allterra Environmental, Inc.
849 Almar Avenue, Suite C
No. 281
Santa Cruz, California 95060

Client: Manwel Shuwayhat
Project Location: 160 Holmes Street, Livermore, California
Subject: First Quarter 2014 Groundwater Monitoring Report
Report Date: April 22, 2014

To Whom It May Concern:

I have reviewed the report referenced above and approve its distribution to the necessary regulatory agencies. Should any of the regulatory agencies require it, "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached proposal or report is true and correct to the best of my knowledge."

Sincerely,



Manwel Shuwayhat

First Quarter 2014 Groundwater Monitoring Report
Fuel Leak Case No. RO0000324, Livermore Gas and Mini Mart
160 Holmes Street, Livermore, California

Date:
April 22, 2014

Project No.:
160

Prepared For:
Livermore Gas and Mini mart
Attention: Manwel and Samira Shuwayhat
54 Wolfe Canyon Road
Kentfield, California 94904

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April 22, 2014
Project No.: 160

Manwel and Samira Shuwayhat
Livermore Gas and Mini Mart
54 Wolfe Canyon Road
Kentfield, California 94904

SUBJECT: First Quarter 2014 Groundwater Monitoring Report for Fuel Leak Case No. RO0000324, Livermore Gas and Mini Mart, 160 Holmes Street, Livermore, California

Dear Mr. and Mrs. Shuwayhat:

On your behalf, Allterra Environmental, Inc. (Allterra) has prepared this First Quarter 2014 Groundwater Monitoring Report for the property located at 160 Holmes Street in Livermore, California (Site). This report describes the field and analytical methods, provides a summary of groundwater monitoring results, and presents conclusions and recommendations regarding groundwater conditions at the Site. Monitoring activities were completed in accordance with Alameda County Environmental Health Services (ACEHS) and Regional Water Quality Control Board (RWQCB) guidelines, and Allterra's protocols presented in Appendix A.

Site Location and Description
The Site is located on the southwest corner of Holmes Street and 2nd Street at 160 Holmes Street in Livermore, California (Figure 1). The Site currently operates as a service station and convenience store. The Site is paved with concrete and asphalt, and a canopy covers the fuel dispensers. Pertinent site features, such as monitoring well locations, are presented on Figure 2.

Groundwater Monitoring for First Quarter 2014
Field Activities
On March 6, 7, and 8, 2014, Allterra conducted groundwater monitoring at 15 on- and off-site monitoring wells (MW-1A/B through MW-9A/B) and four on-site extraction/injection wells (EW-1, EW-3, and EW-3B). Groundwater monitoring activities included the measurement of static groundwater levels, an evaluation of groundwater in the wells for the presence of petroleum hydrocarbons, field parameter testing, and groundwater quality sampling. Prior to sampling, all groundwater wells were purged using disposable bailers until temperature, color, specific conductance, and turbidity readings had stabilized or until at least three casing volumes had been removed. Groundwater sampling field logs are included in Appendix B.

Laboratory Analysis
Groundwater samples collected from the monitoring and extraction wells were submitted under chain-of-custody documentation to McCampbell Analytical, Inc., of Pittsburg, California, a State of California certified laboratory (ELAP #1644). All samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), and for benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8021B/8015B. Additionally, select wells were

tested for total petroleum hydrocarbons as diesel (TPHd) by EPA method 8015B; fuel oxygenates tert-amyl methyl ether (TAME), tert-butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), and MTBE by EPA Method 8260B; lead scavengers 1,2-dibromoethane (EDB) and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260B, and hexachrome by EPA method E218.6. Copies of the chain-of-custody documentation and the certified analytical report, including quality assurance and quality control (QA/QC) data, are included in Appendix C.

Groundwater Gradient and Flow Direction

On March 6, 2014, Allterra personnel measured and recorded depths to groundwater from the tops of well casings (TOC) for each well. Recorded depths to groundwater ranged from 23.00 to 25.16 feet below TOC. The surveyed elevations of each well casing (measured in feet relative to mean sea level), depths to groundwater, and calculated groundwater elevations are presented in Table 1 and depicted on Figure 3 as groundwater elevation contours. For the March 2014 monitoring event, the general groundwater flow direction was to the northwest at a gradient of approximately 0.0061 feet per foot (ft/ft).

Analytical Results

Petroleum constituents were detected in six of the nineteen wells sampled during this event. A summary of current and historical groundwater analytical results is presented in Table 2. Additionally, current concentrations of dissolved TPHg, TPHd, benzene, MTBE, and TBA in groundwater are shown on Figures 4 through 7. Time trend plots for contaminant concentrations in wells MW-1A, EW-1, and EW-3 are shown on Figures 8 through 15. A discussion of current groundwater analytical results is presented below:

- TPHg was detected in four wells at concentrations ranging from 63 micrograms per liter (µg/L) in MW-7A to 820 µg/L in EW-3.

- TPHd was detected in four wells at concentrations ranging from 51 µg/L in MW-7A to 480 µg/L in EW-3.

- Benzene was detected in three wells at concentrations ranging from 1.1 µg/L in MW-1A to 4.6 µg/L in EW-3.

- Toluene was detected in three wells at concentrations ranging from 1.2 µg/L in EW-3B to 4.6 in EW-3.

- Ethylbenzene was detected in two wells at concentrations of 1.5 µg/L in EW-3B and 3.0 µg/L in EW-3.

- Xylenes were detected in two wells at concentrations of 4.4 µg/L in EW-3B and 19 µg/L in EW-3.

- MTBE was detected in four wells at concentrations ranging from 0.62 µg/L in MW-7A to 8,900 µg/L in EW-3.

- TBA was detected in six wells at concentrations ranging from 54 µg/L in MW-7A to 37,000 µg/L in EW-3.

- Hexachrome was detected in one well (MW-1B) at a concentration of 1.6 µg/L.

- Lead scavengers were not detected at or above laboratory reporting limits in any wells sampled for these constituents this quarter.

Discussion

Following in-situ chemical oxidation (ISCO) activities performed in 2011 and 2013, it appears that petroleum constituents in the vicinity of EW-3 (within former source area) have been significantly reduced. Current analytical results for EW-3 indicate MTBE and TBA at concentrations of 8,900 µg/L and 37,000 µg/L, respectively. Recently, these concentrations have increased slightly in EW-3 indicating some contaminate rebound has occurred, however MTBE and TBA levels continue to be significantly lower than baseline levels. Additionally, MTBE is currently not detected higher than 16 µg/L (EW-3B) in any of the other on- and off-site wells.

To date, there has been adequate source removal and remedial effort to consider this Site a low threat. Remaining petroleum impacts beneath and down-gradient of the Site do not currently pose a significant threat to human health, safety, or the environment and natural attenuation will allow further reduction of concentrations to the ultimate cleanup levels within a reasonable timeframe.

Conclusions

Based on the current groundwater monitoring data, Allterra concludes the following:

- The overall groundwater flow direction is to the northwest with an estimated gradient of 0.0061 ft/ft, which is consistent with previous monitoring events.

- For the March 2014 monitoring event, petroleum constituents were detected at or above laboratory detection limits in six of the nineteen wells sampled. The highest concentrations of petroleum constituents remaining in shallow groundwater are limited to the area around wells EW-3.

- The highest concentration of TPHg and MTBE was detected in EW-3 at concentrations of 820 and 8,900 µg/L, respectively.

- The highest concentration of TBA was detected in well EW-3B (37,000 µg/L). Recent increases in TBA concentrations are likely due to degradation of MTBE caused by ISCO activities and natural processes.

- Since April 2011, petroleum constituents in groundwater have generally exhibited stable to decreasing trends throughout the in-situ treatment zone. Substantial contaminant reduction has occurred in key wells MW-1A, EW-1, EW-3, and EW-3B located within the former source area.

- Based on fourth quarter 2013 analytical results, MW-1A demonstrates a 99.97%, 99.91%, 99.99%, and 99.99% reduction in TPHg, TPHd, benzene, and MTBE concentrations, respectively. EW-1 demonstrates a 99.86%, 77.27%, 99.89%, and 99.97% reduction in TPHg, TPHd, benzene, and MTBE concentrations, respectively. EW-3 demonstrates a 99.41%, 99.77%, 98.08%, and 97.88% reduction in TPHg, TPHd, benzene, and MTBE concentrations, respectively.

- General stable to decreasing trends in petroleum constituents in shallow groundwater indicate that in-situ remedial efforts have been effective in treating soil and groundwater beneath the former source area at the Site.

Recommendations

Based on the conclusions presented above, Allterra recommends the following:

- Continue with the current quarterly groundwater monitoring at the Site to assess water quality under varying seasonal conditions until Site closure is granted.

- To reduce project costs, up-gradient wells MW-2A, MW-3A, and EW-2 and cross-gradient well MW-4A will continue to be sampled for TPHg, BTEX, and MTBE on an annual basis (first quarter of each year).

- All other wells will continue to be sampled and analyzed for TPHg, BTEX, and MTBE on a quarterly basis. Only select wells will be analyzed for TPHd, 5-fuel oxygenates, and lead scavengers on a quarterly basis.

- Evaluate the Site as a potential candidate for low-threat case closure.

Limitations

Allterra prepared this report for the use of Livermore Gas and Mini Mart, ACEHS and RWQCB in evaluating groundwater quality at selected locations at the time of this study. Statements, conclusions, and recommendations in this report are based solely on the field observations and analytical results related to work performed by Allterra and there is no warranty, expressed or implied. Site conditions and data can change over time; therefore, data presented in this report is only applicable to the timeframe of this study. Allterra's services have been performed in accordance with environmental principles generally accepted at this time and location.

Should you have any questions, please contact Allterra at (831) 425-2608.

Sincerely,
Allterra Environmental, Inc.

Aaron Powers
Project Geologist

Joe Mangine, P.G. 8423
Senior Geologist

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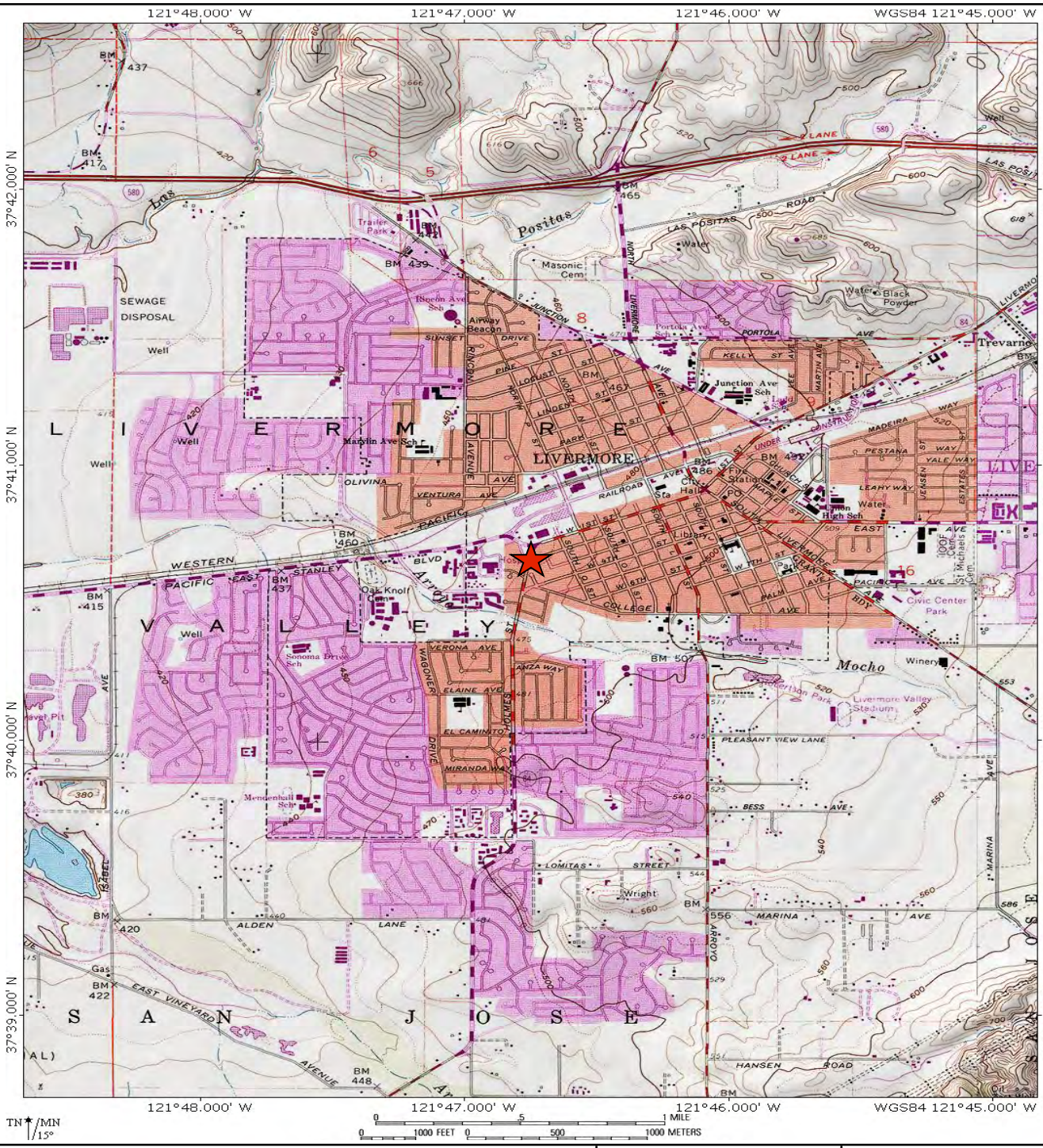
cc: Jerry Wickam, ACEHS
Geotracker

FIGURES 1 - 15



Vicinity Map

Livermore Gas and Minimart
160 Holmes Street
Livermore, California

Figure 1

4/15/14

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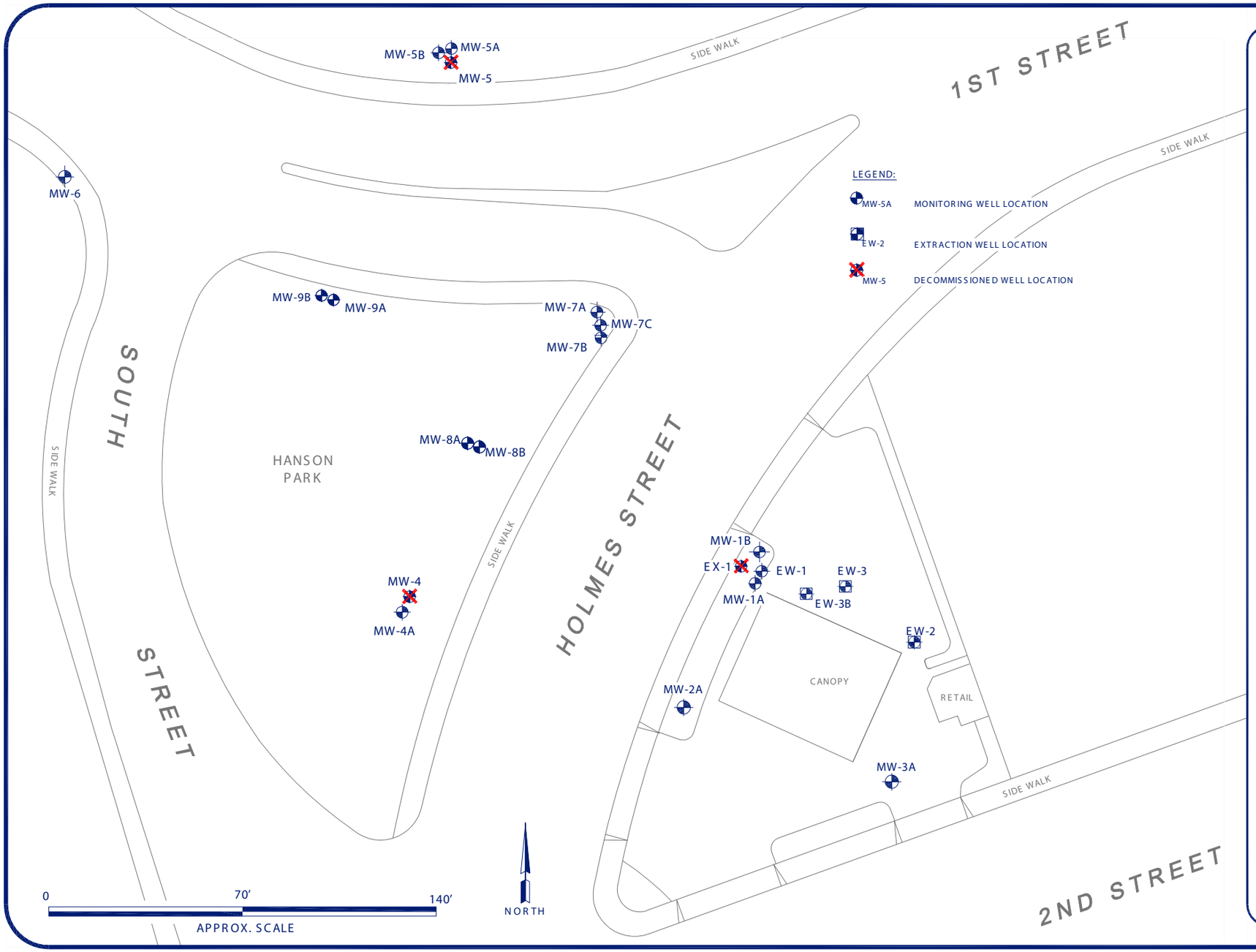

General Notes

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160 HOLMES STREET, LIVERMORE, CALIFORNIA
GROUNDWATER MONITORING REPORT

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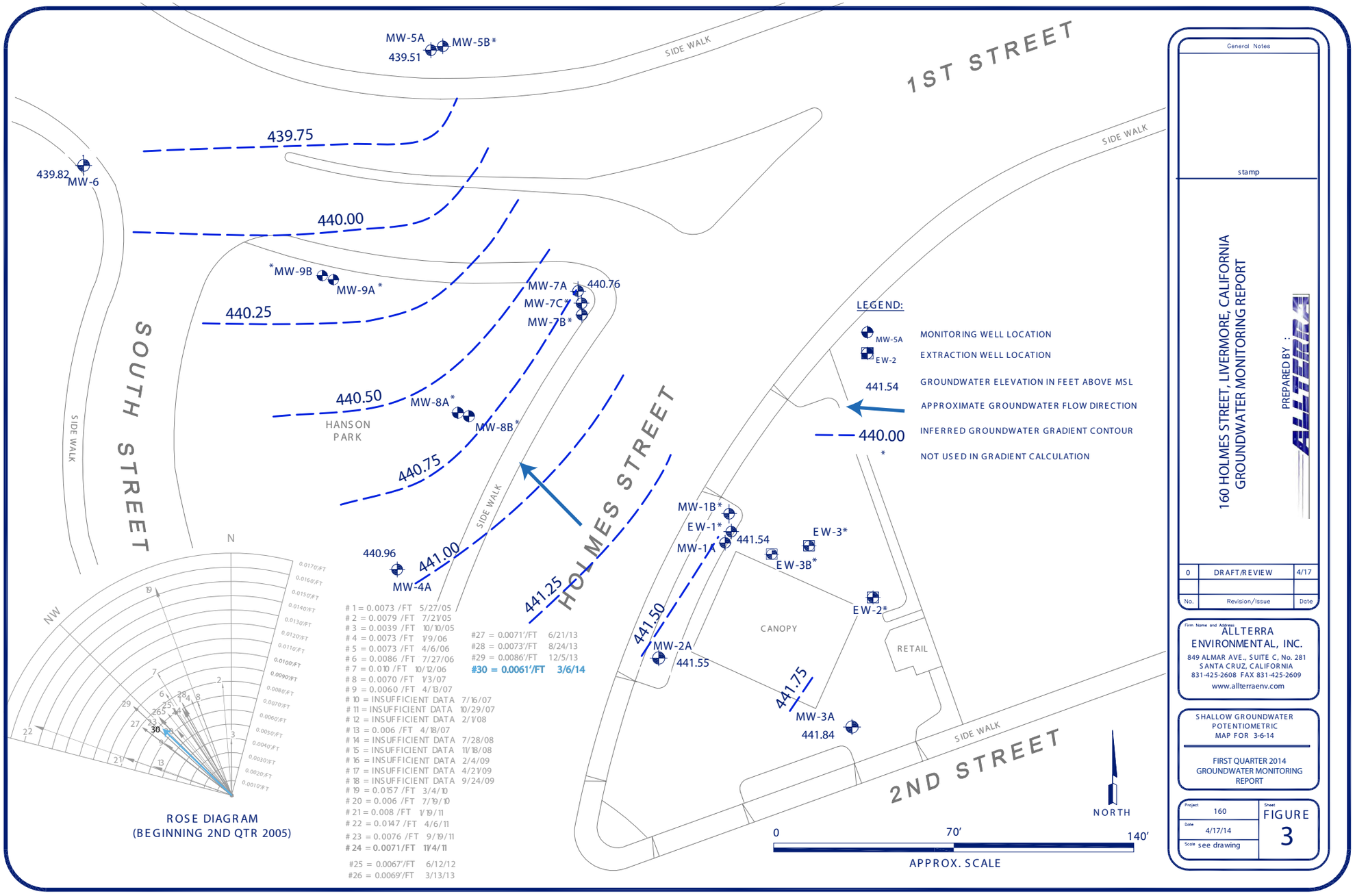
SITE PLAN

FIRST QUARTER 2014
GROUNDWATER MONITORING
REPORT

Project	Sheet
160	FIGURE 2
Date: 4/17/14	
Scale: see drawing	


MW-5A
439.51
MW-5B*
SIDE WALK
1ST STREET
439.75
439.82
MW-6
440.00
*MW-9B
MW-9A *
440.25
SOUTH STREET
SIDE WALK
MW-7A
440.76
MW-7C*
MW-7B*
440.50
MW-8A*
HANSON
PARK
MW-8B*
440.75
SIDE WALK
HOLMES STREET
440.96
441.00
MW-4A
441.25
SIDE WALK
MW-1B*
EW-1*
441.54
MW-1A*
EW-3*
EW-3B*
EW-2*
441.50
CANOPY
RETAIL
MW-2A
441.55
441.75
MW-3A
441.84
SIDE WALK
2ND STREET
LEGEND:
MW-5A
MONITORING WELL LOCATION
EW-2
EXTRACTION WELL LOCATION
441.54
GROUNDWATER ELEVATION IN FEET ABOVE MSL
APPROXIMATE GROUNDWATER FLOW DIRECTION
440.00
INFERRED GROUNDWATER GRADIENT CONTOUR
*
NOT USED IN GRADIENT CALCULATION
N
NW
0.0170'/FT
0.0160'/FT
0.0150'/FT
0.0140'/FT
0.0130'/FT
0.0120'/FT
0.0110'/FT
0.0100'/FT
0.0090'/FT
0.0080'/FT
0.0070'/FT
0.0060'/FT
0.0050'/FT
0.0040'/FT
0.0030'/FT
0.0020'/FT
0.0010'/FT
ROSE DIAGRAM
(BEGINNING 2ND QTR 2005)
1 = 0.0073 /FT 5/27/05
2 = 0.0079 /FT 7/21/05
3 = 0.0039 /FT 10/10/05
4 = 0.0073 /FT 1/9/06
5 = 0.0073 /FT 4/6/06
6 = 0.0086 /FT 7/27/06
7 = 0.010 /FT 10/12/06
8 = 0.0070 /FT 1/3/07
9 = 0.0060 /FT 4/13/07
10 = INSUFFICIENT DATA 7/16/07
11 = INSUFFICIENT DATA 10/29/07
12 = INSUFFICIENT DATA 2/1/08
13 = 0.006 /FT 4/18/07
14 = INSUFFICIENT DATA 7/28/08
15 = INSUFFICIENT DATA 11/18/08
16 = INSUFFICIENT DATA 2/4/09
17 = INSUFFICIENT DATA 4/21/09
18 = INSUFFICIENT DATA 9/24/09
19 = 0.0157 /FT 3/4/10
20 = 0.006 /FT 7/19/10
21 = 0.008 /FT 1/19/11
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24 = 0.0071/FT 11/4/11
#25 = 0.0067'/FT 6/12/12
#26 = 0.0069'/FT 3/13/13
#27 = 0.0071'/FT 6/21/13
#28 = 0.0073'/FT 8/24/13
#29 = 0.0086'/FT 12/5/13
#30 = 0.0061'/FT 3/6/14
NORTH
0
70'
140'
APPROX. SCALE
General Notes
stamp
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GROUNDWATER MONITORING REPORT
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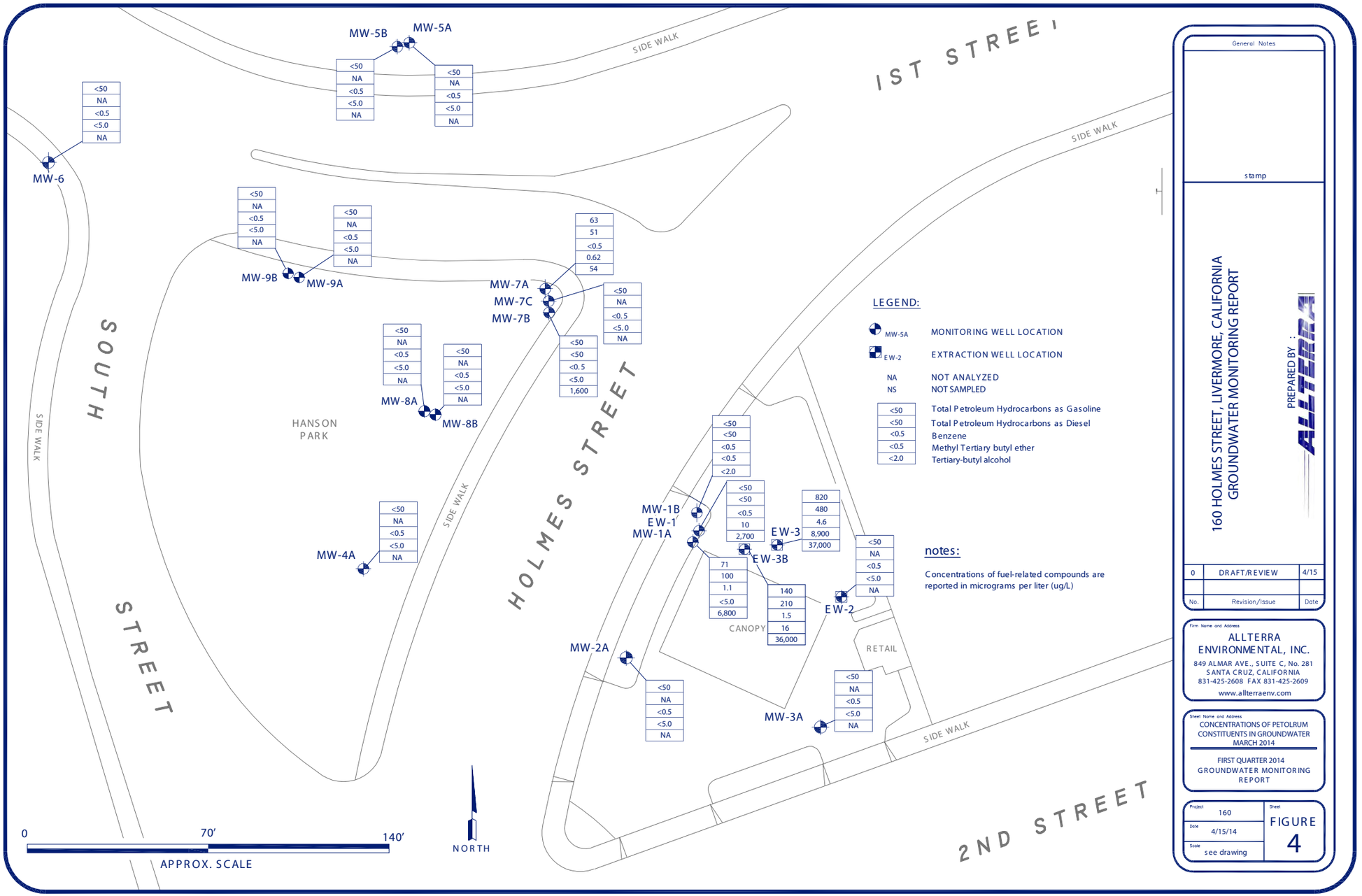
SHALLOW GROUNDWATER
POTENTIOMETRIC
MAP FOR 3-6-14
FIRST QUARTER 2014
GROUNDWATER MONITORING
REPORT
Project 160
Date 4/17/14
Scale see drawing
Sheet FIGURE 3



LEGEND:

MW-5A — MONITORING WELL LOCATION

EW-2 — EXTRACTION WELL LOCATION

NA — NOT ANALYZED

NS — NOT SAMPLED

<50	Total Petroleum Hydrocarbons as Gasoline
<50	Total Petroleum Hydrocarbons as Diesel
<0.5	Benzene
<0.5	Methyl Tertiary butyl ether
<2.0	Tertiary-butyl alcohol

notes:

Concentrations of fuel-related compounds are reported in micrograms per liter (ug/L)

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CONCENTRATIONS OF PETOLRUM CONSTITUENTS IN GROUNDWATER MARCH 2014

FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT

Project	160
Date	4/15/14
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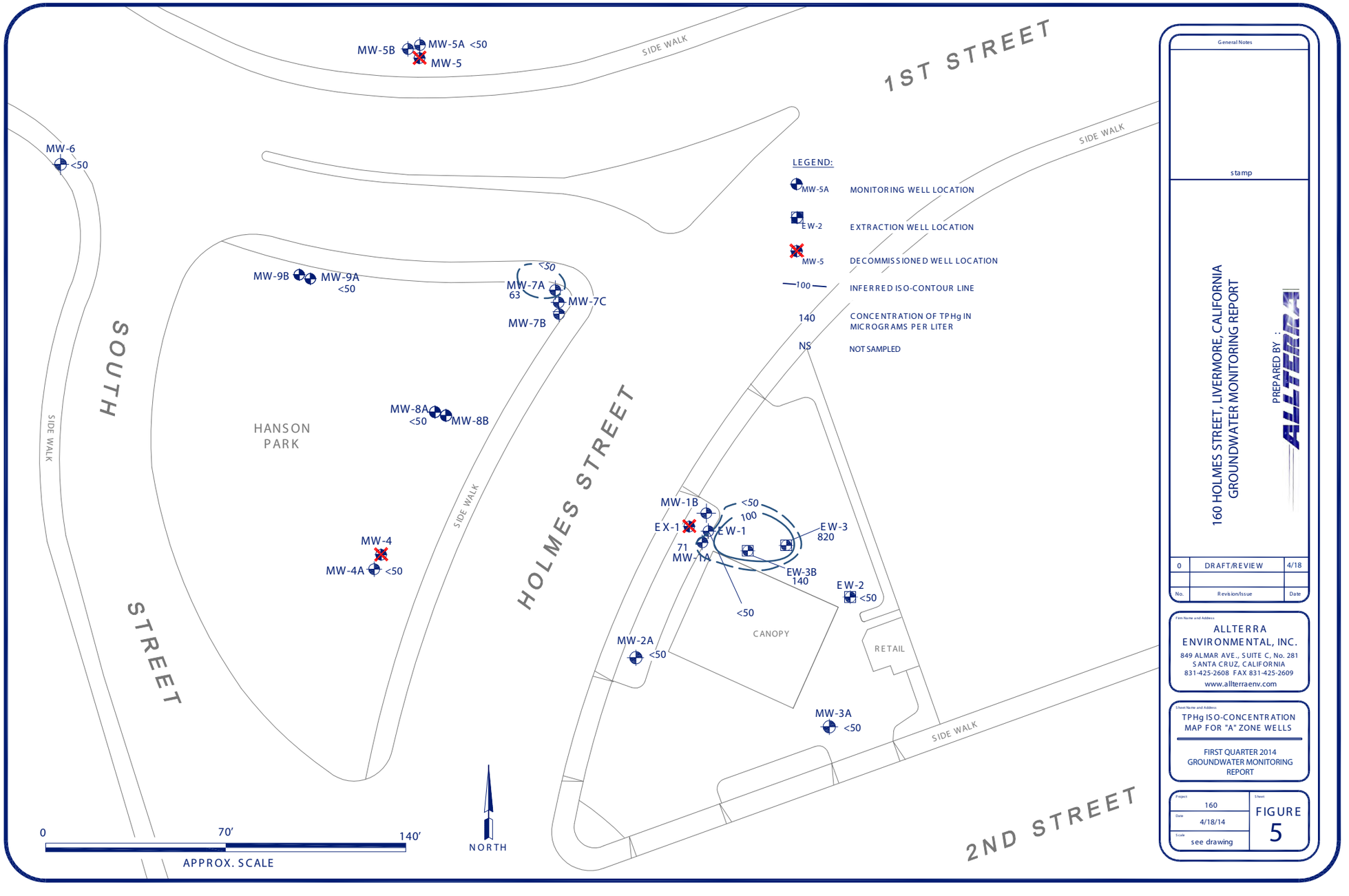
Sheet	FIGURE 4



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TPHg ISO-CONCENTRATION MAP FOR "A" ZONE WELLS

FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT

Project	Sheet
160	FIGURE 5
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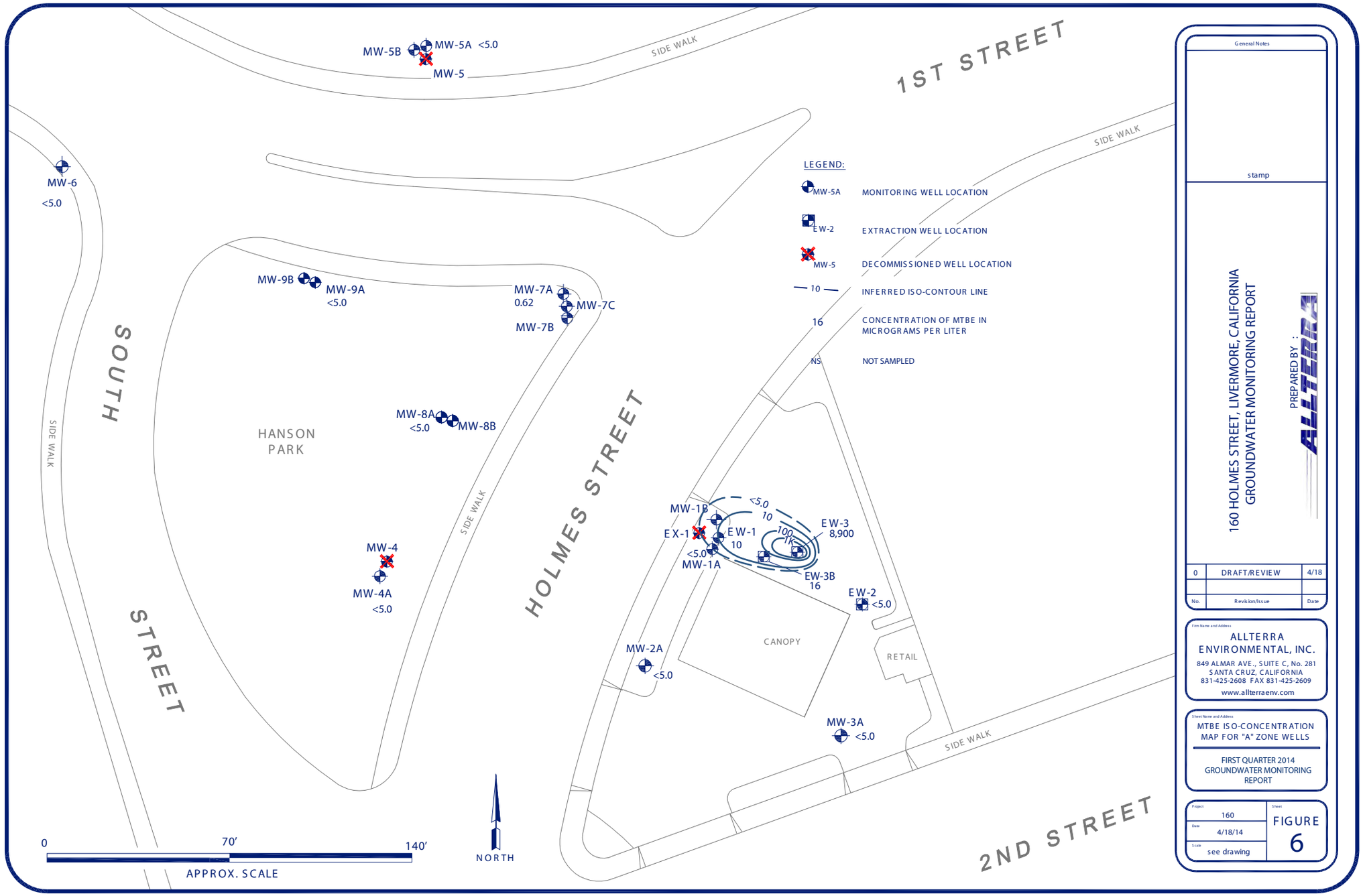
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MW-5A <5.0
MW-5
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1ST STREET
MW-6
<5.0
SIDE WALK
MW-9B
MW-9A
<5.0
MW-7A
0.62
MW-7C
MW-7B
SOUTH
STREET
MW-8A
<5.0
MW-8B
HANSON
PARK
HOLMES STREET
SIDE WALK
MW-4
MW-4A
<5.0
STREET
MW-1B
EX-1
EW-1
10
<5.0
MW-1A
<5.0
10
100
1K
EW-3
8,900
EW-3B
16
EW-2
<5.0
CANOPY
RETAIL
MW-2A
<5.0
MW-3A
<5.0
SIDE WALK
SIDE WALK
2ND STREET
LEGEND:
MW-5A MONITORING WELL LOCATION
EW-2 EXTRACTION WELL LOCATION
MW-5 DECOMMISSIONED WELL LOCATION
10 INFERRED ISO-CONTOUR LINE
16 CONCENTRATION OF MTBE IN MICROGRAMS PER LITER
NS NOT SAMPLED
0
70'
140'
APPROX. SCALE
NORTH
General Notes
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160 HOLMES STREET, LIVERMORE, CALIFORNIA
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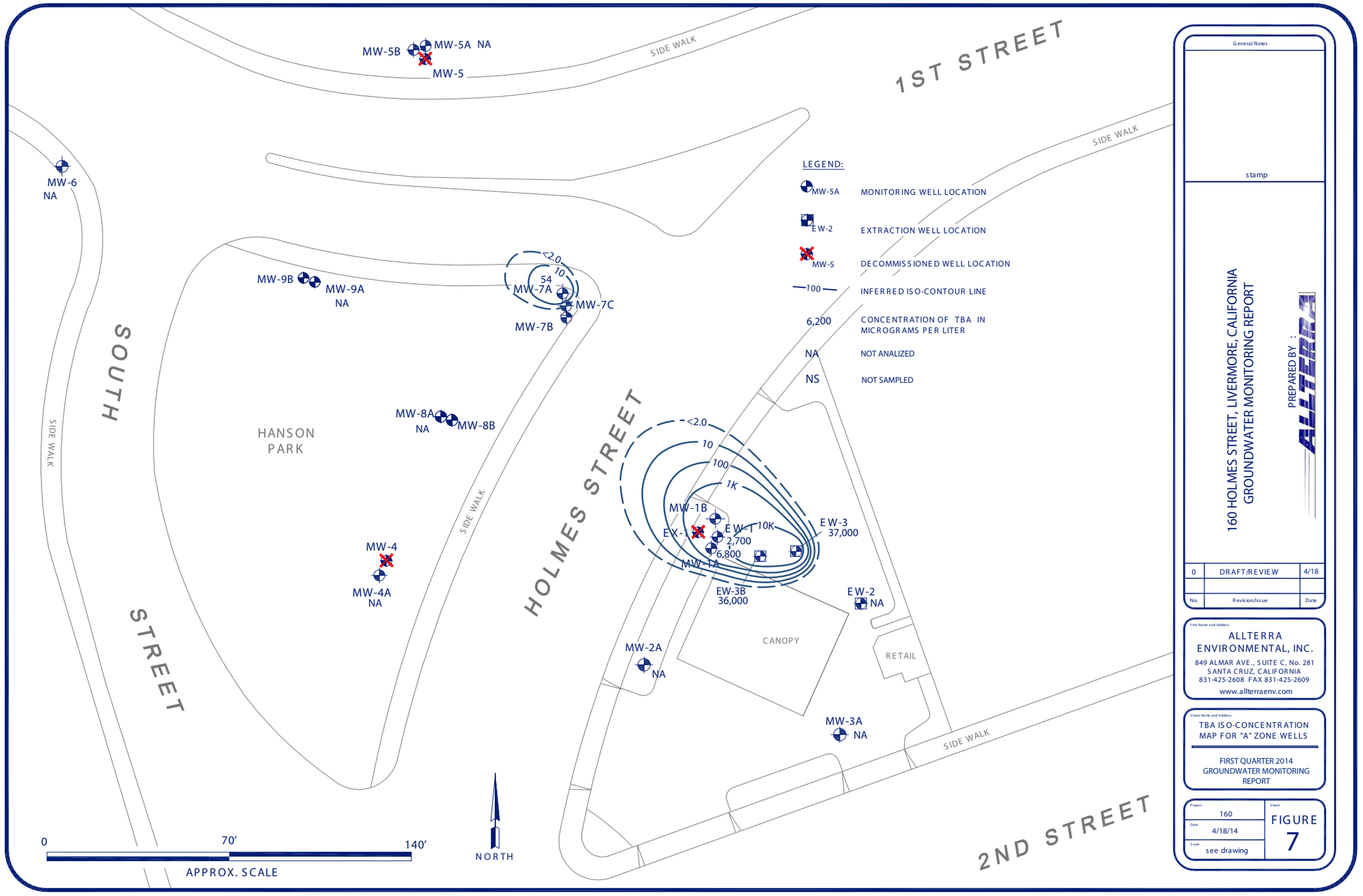
MTBE ISO-CONCENTRATION MAP FOR "A" ZONE WELLS
FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT
Project 160
Date 4/18/14
Scale see drawing
Sheet FIGURE 6


MW-5B
MW-5A NA
MW-5
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1ST STREET
MW-6
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SIDE WALK
SOUTH
MW-9B
MW-9A
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54
MW-7A
MW-7C
MW-7B
MW-8A
NA
MW-8B
HANSON
PARK
HOLMES STREET
<2.0
10
100
1K
10K
MW-1B
EX-1
EW-1
2,700
6,800
MW-1A
EW-3
37,000
EW-3B
36,000
EW-2
NA
MW-4
MW-4A
NA
SIDE WALK
STREET
MW-2A
NA
CANOPY
RETAIL
MW-3A
NA
SIDE WALK
2ND STREET
LEGEND:
MW-5A MONITORING WELL LOCATION
EW-2 EXTRACTION WELL LOCATION
MW-5 DECOMMISSIONED WELL LOCATION
100 INFERRED ISO-CONTOUR LINE
6,200 CONCENTRATION OF TBA IN MICROGRAMS PER LITER
NA NOT ANALIZED
NS NOT SAMPLED
0
70'
140'
APPROX. SCALE
NORTH
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TBA ISO-CONCENTRATION MAP FOR "A" ZONE WELLS
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Project 160
Date 4/18/14
Scale see drawing
Sheet FIGURE 7

Figure 8
MW-1A TPHg Concentrations in Groundwater Over Time

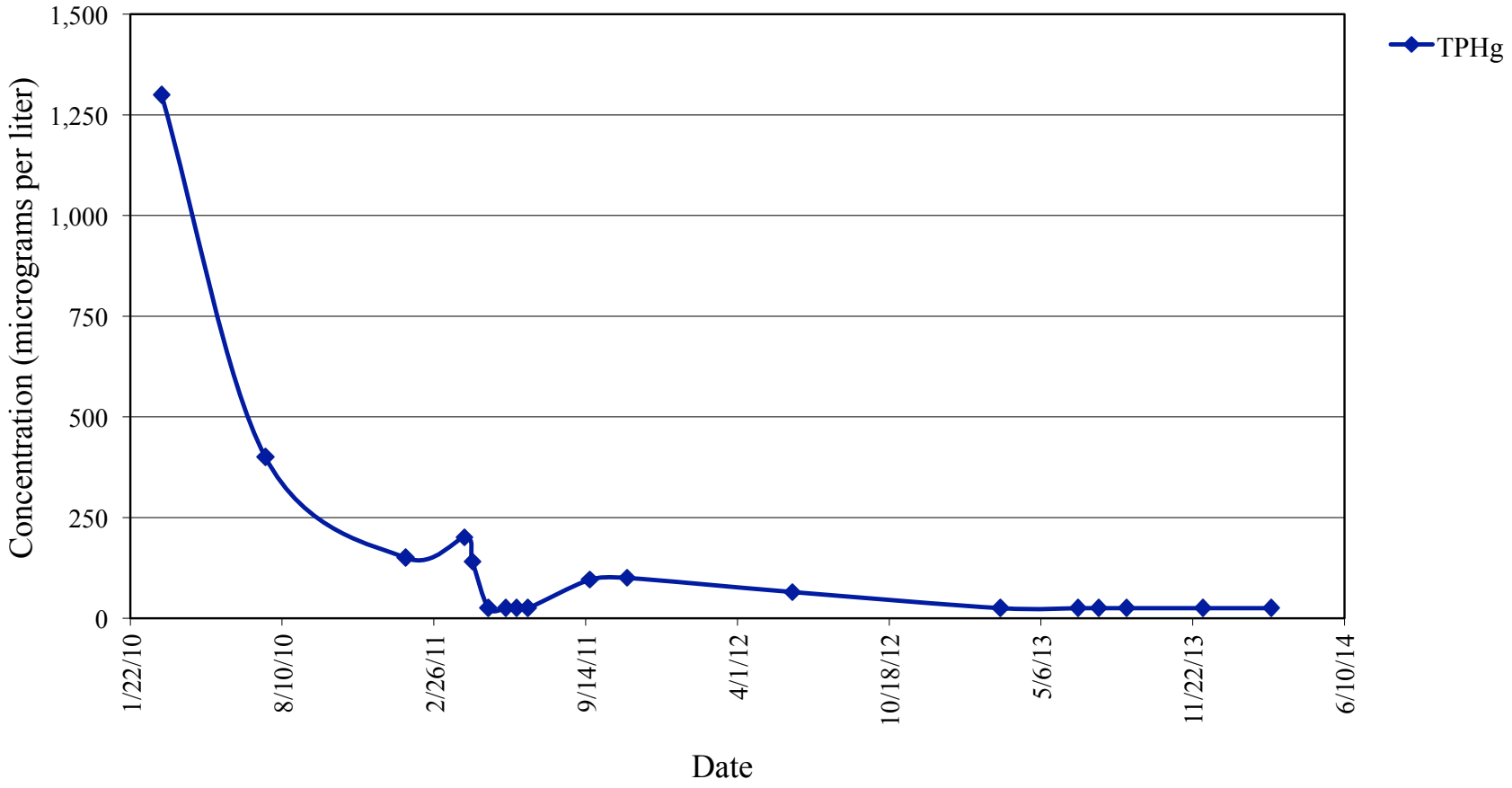


Figure 9
MW-1A MTBE Concentrations in Groundwater Over Time

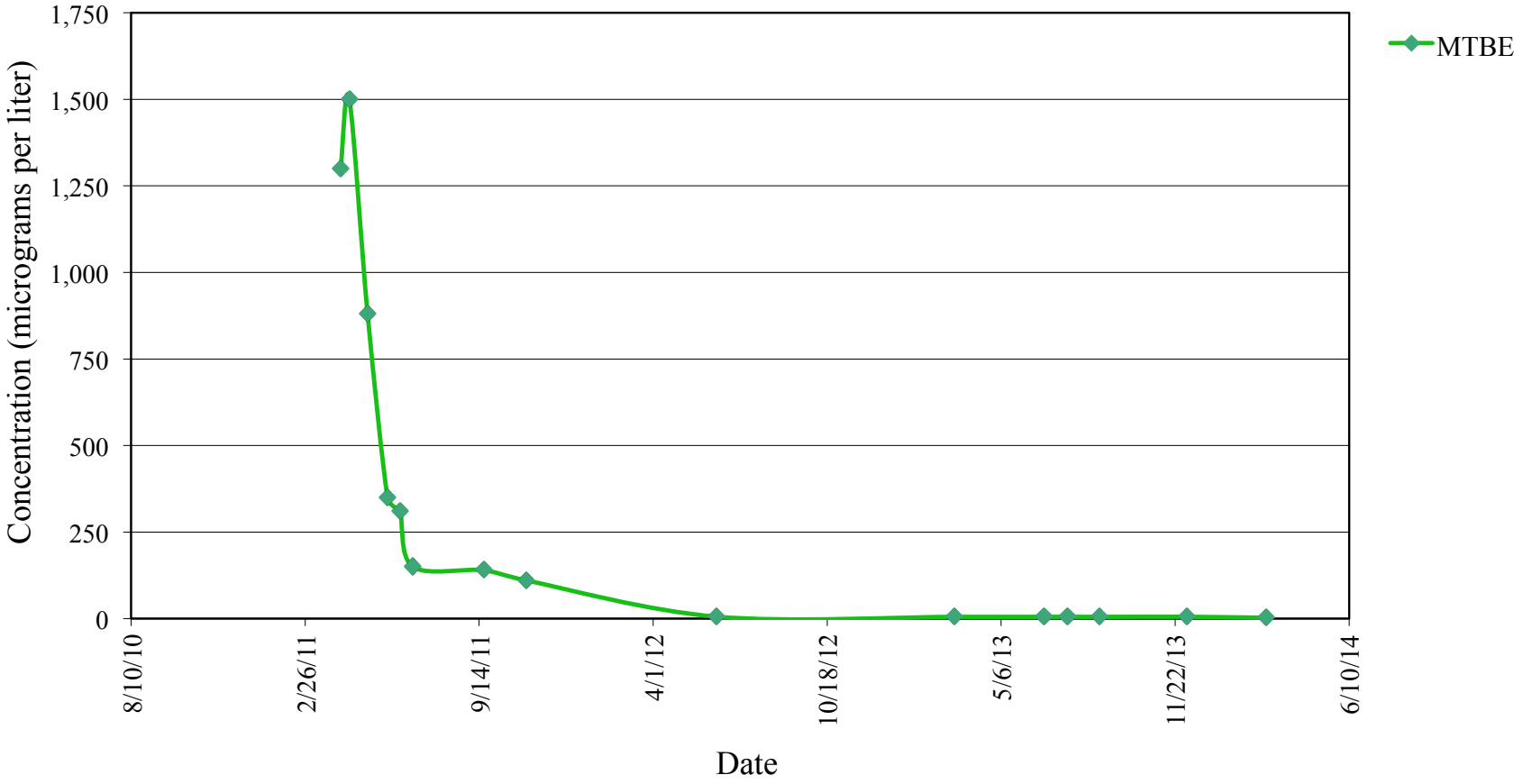


Figure 10
MW-1A TBA Concentrations in Groundwater Over Time

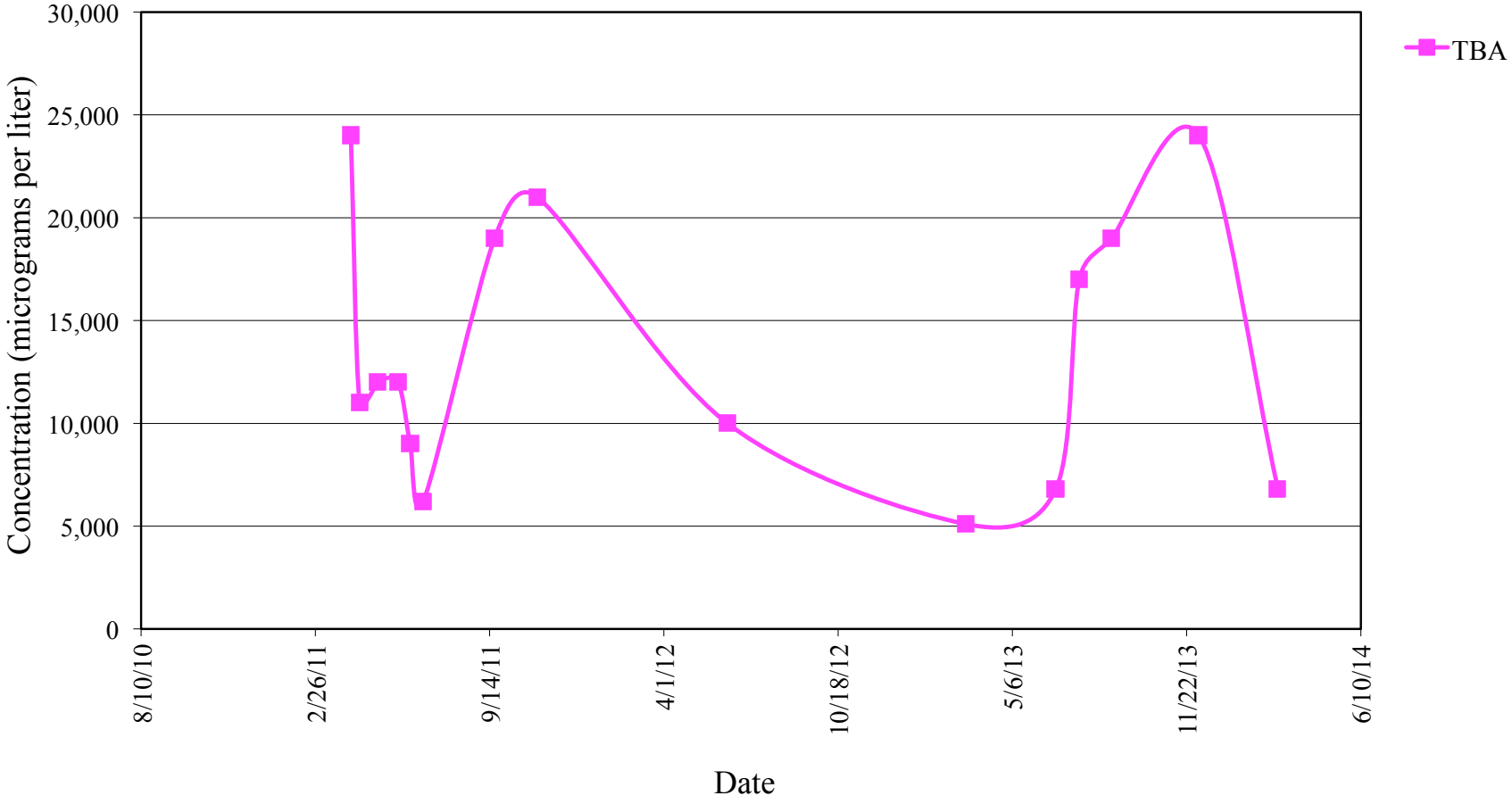


Figure 11
EW-1 TPHg Concentrations in Groundwater Over Time

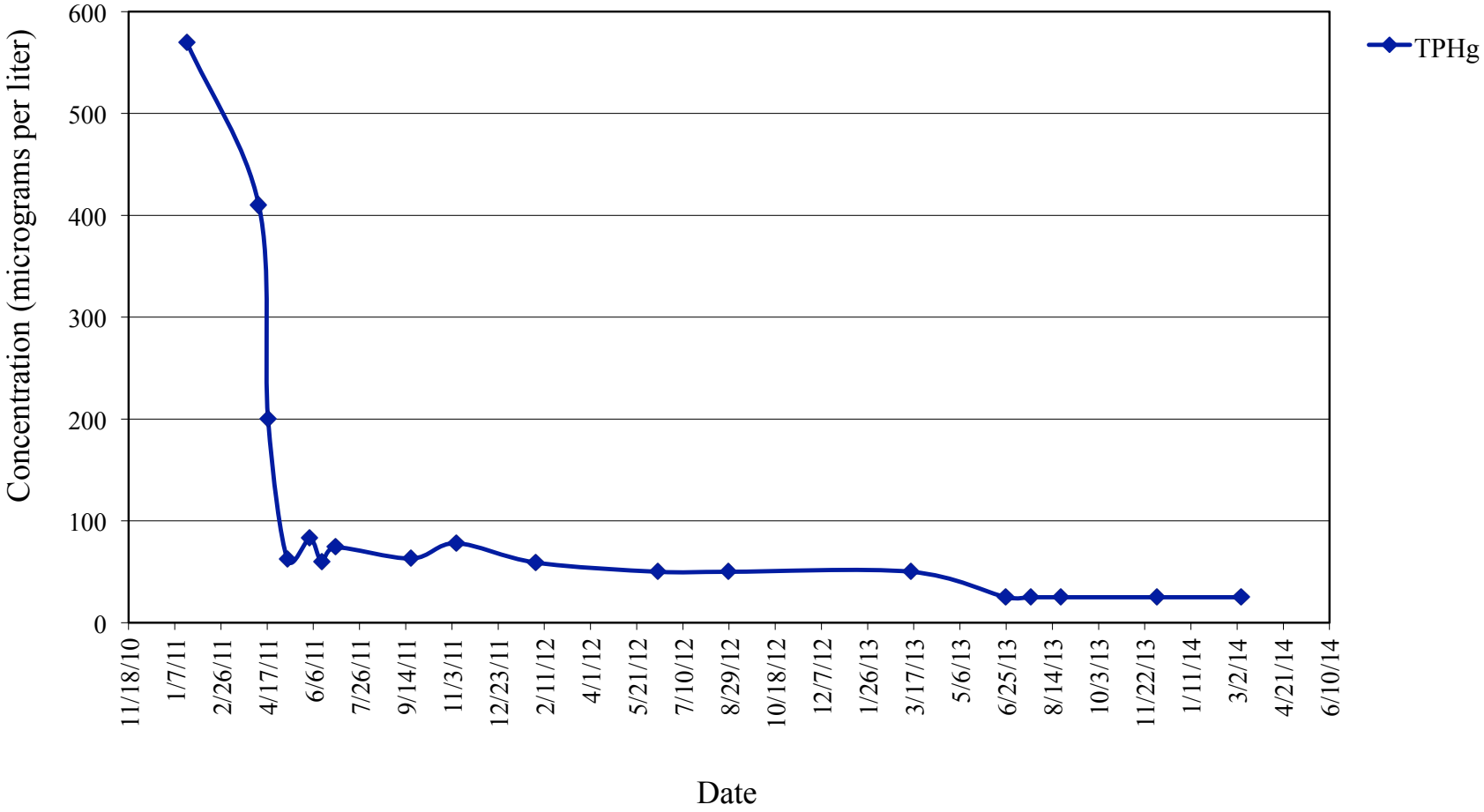


Figure 12
EW-1 MTBE Concentrations in Groundwater Over Time

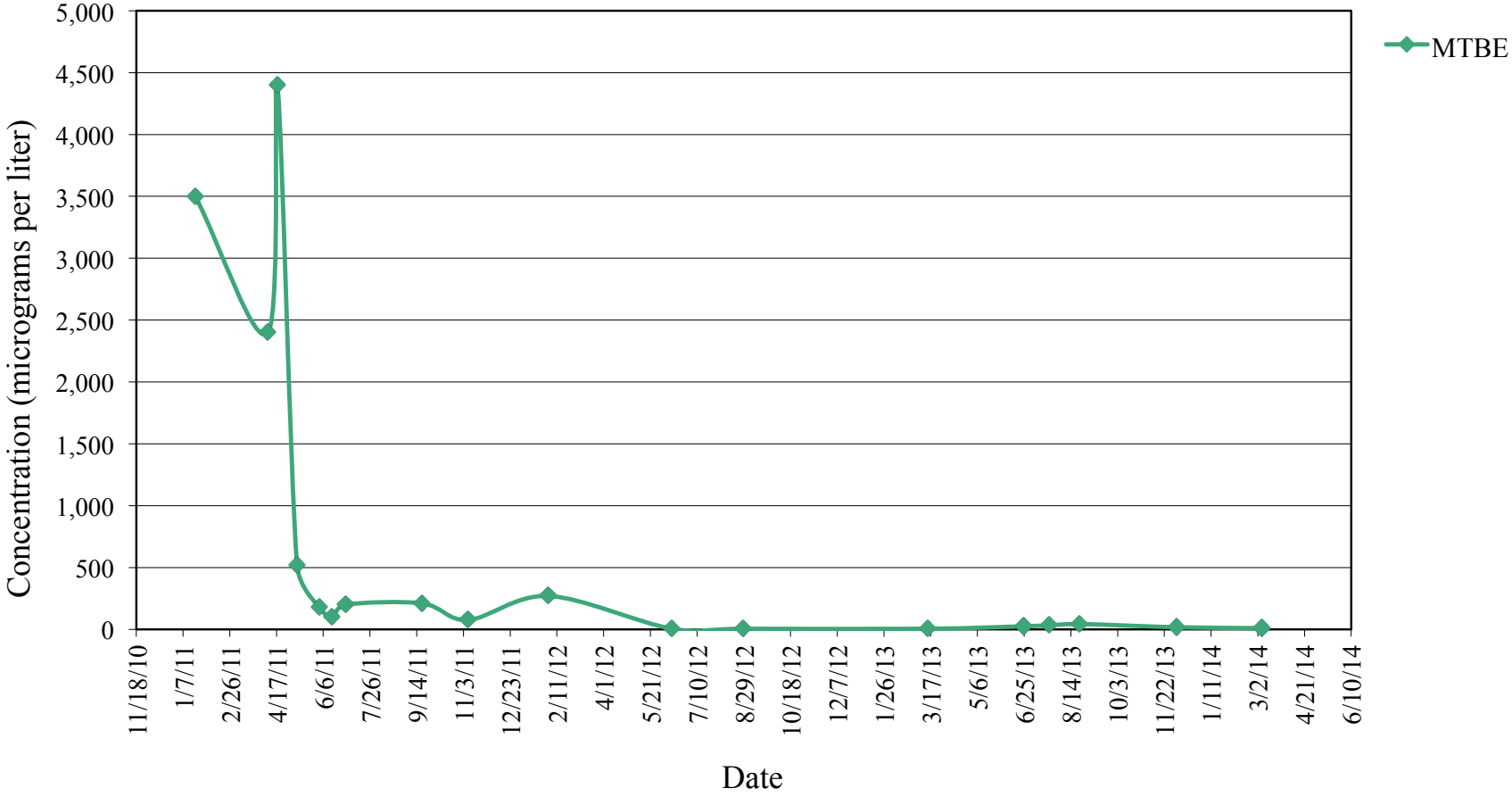


Figure 13
EW-1 TBA Concentrations in Groundwater Over Time

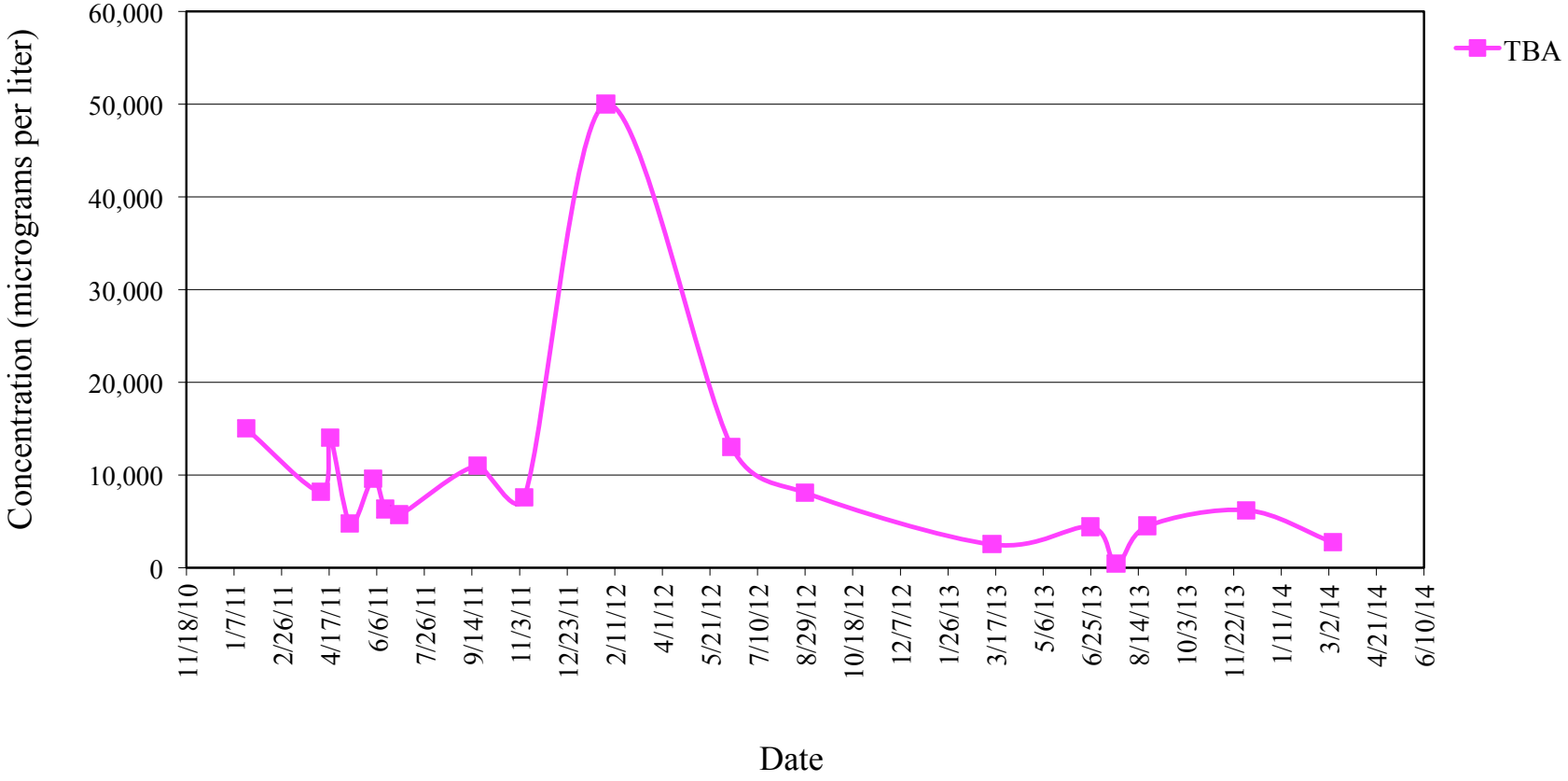


Figure 14
EW-3 TPHg Concentrations in Groundwater Over Time

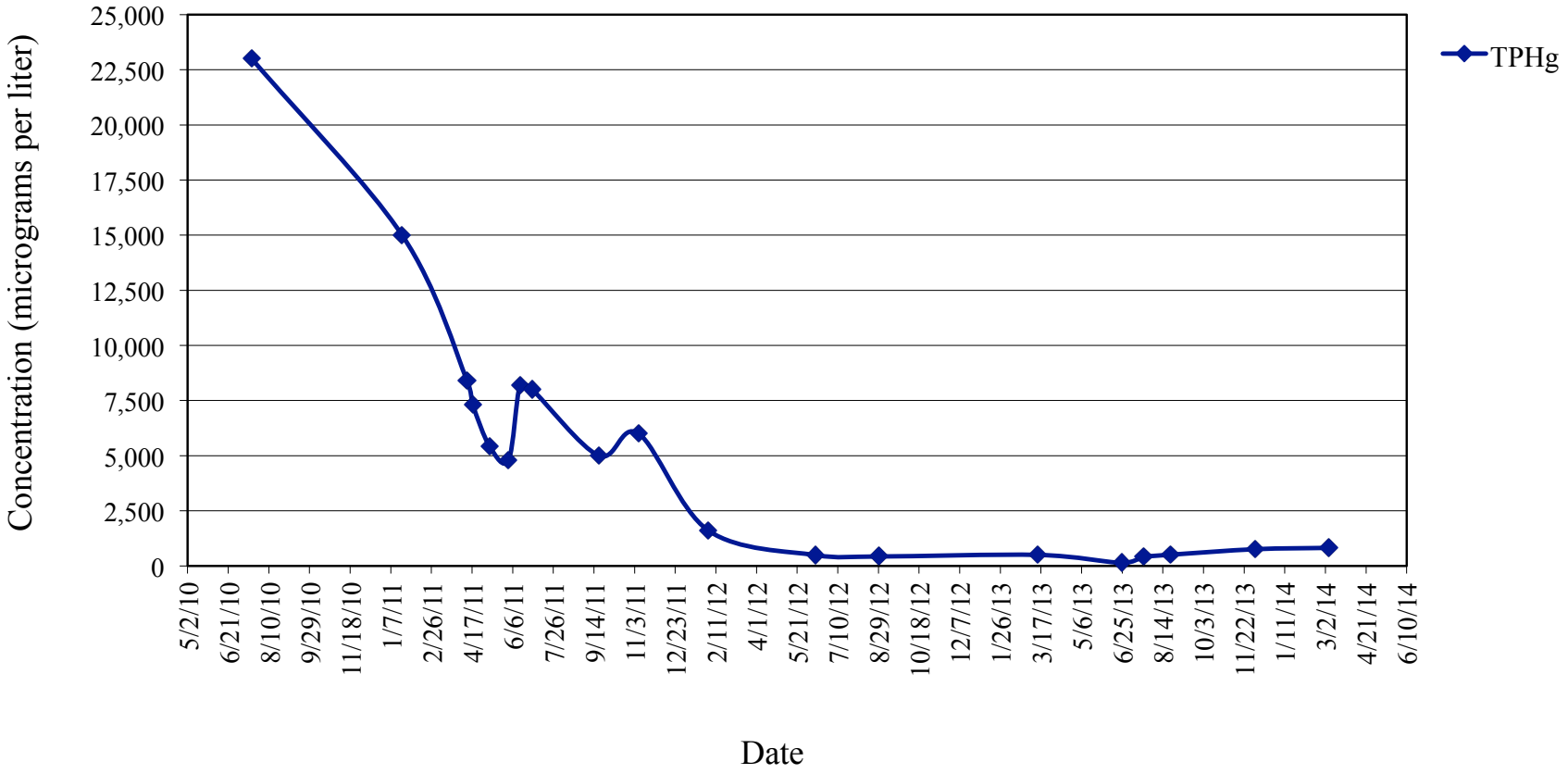
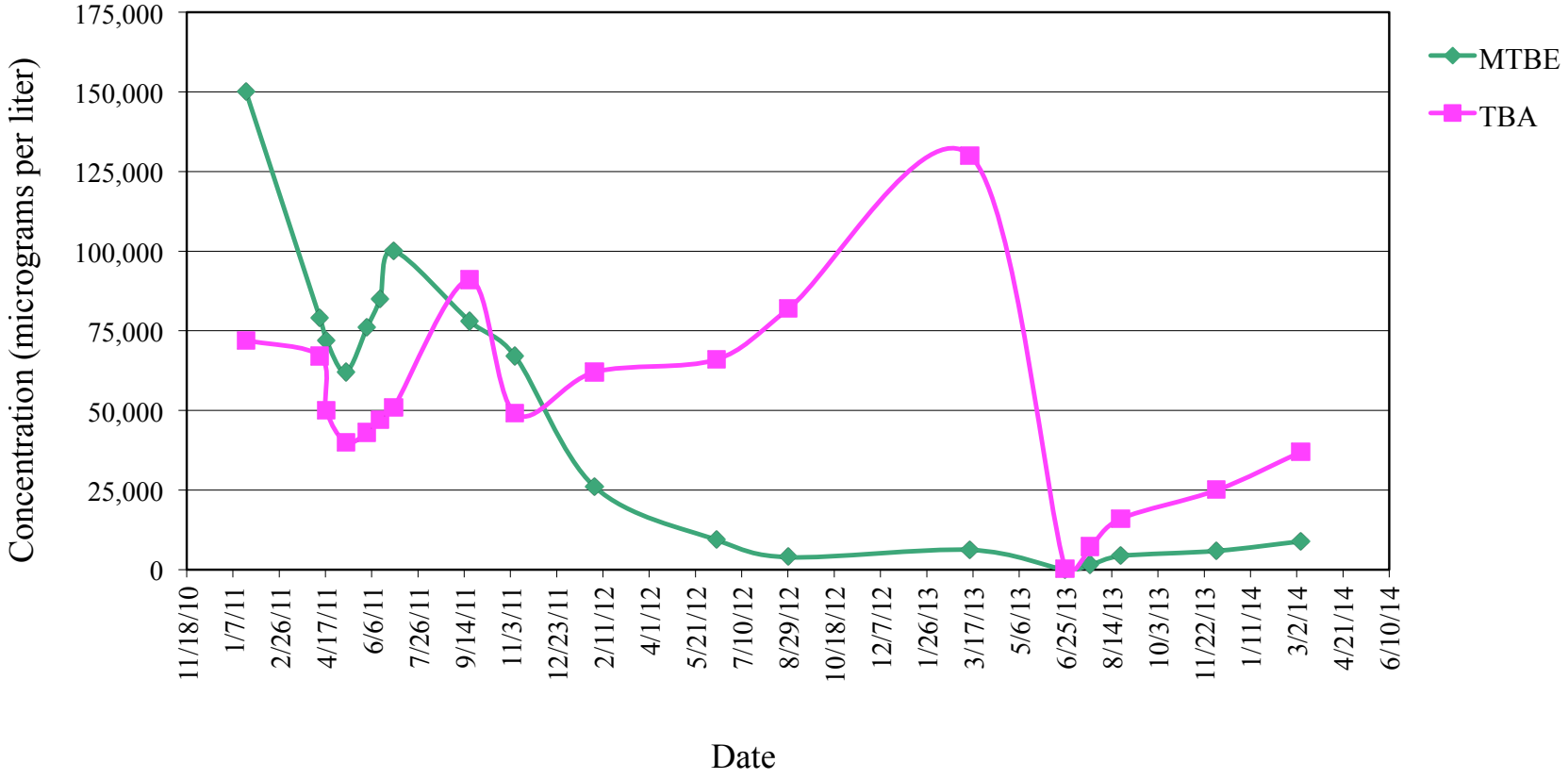


Figure 15
EW-3 MTBE and TBA Concentrations in Groundwater Over Time



TABLES 1 - 2

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-1*	8/11/00	465.03	15-30	NM	NC
	10/19/00	465.03	15-30	21.94	443.09
	2/22/01	465.03	15-30	22.91	442.12
	5/30/01	465.03	15-30	Dry	NC
	11/14/01	465.03	15-30	Dry	NC
	5/7/02	465.03	15-30	Dry	NC
	9/11/02	465.03	15-30	26.16	438.87
	12/1/02	465.03	15-30	27.55	437.48
	3/14/03	465.03	15-30	22.63	442.40
	6/25/03	465.03	15-30	22.10	442.93
	9/16/03	465.03	15-30	24.91	440.12
	12/22/03	465.03	15-30	21.75	443.28
	3/10/04	465.03	15-30	17.45	447.58
	6/15/04	465.03	15-30	22.38	442.65
	9/17/04	465.03	15-30	25.61	439.42
	12/10/04	465.03	15-30	22.18	442.85
	3/2/05	465.03	15-30	16.95	448.08
	5/27/05	465.03	15-30	18.42	446.61
	7/21/05	465.03	15-30	21.38	443.65
	10/10/05	465.03	15-30	22.49	442.54
	1/9/06	465.03	15-30	18.05	446.98
MW-1A*	4/6/06	465.03	15-30	15.60	449.43
	7/27/06	465.03	15-30	22.42	442.61
	10/12/06	465.03	15-30	23.46	441.57
	1/3/07	465.03	15-30	21.00	444.03
	4/13/07	465.03	15-30	23.24	441.79
	7/16/07	465.03	15-30	Dry	NC
	10/29/07	465.03	15-30	Dry	NC
	2/1/08	465.03	15-30	Dry	NC
	4/18/08	465.03	15-30	27.34	437.69
	7/28/08	465.03	15-30	Dry	NC
	11/18/08	465.03	15-30	Dry	NC
	2/4/09	465.03	15-30	Dry	NC
	4/21/09	465.03	15-30	Dry	NC
	9/24/09	465.03	15-30	35.00	430.03
	3/4/10	465.03	15-30	28.05	436.98
	7/19/10	465.03	15-30	23.85	441.18
	1/19/11	465.03	15-30	23.12	441.91
	4/6/11	465.03	15-30	18.40	446.63
	4/18/11	465.03	15-30	18.70	446.33
	5/9/11	465.03	15-30	19.26	445.77
	6/1/11	465.03	15-30	20.10	444.93
	6/15/11	465.03	15-30	20.44	444.59
	6/30/11	465.03	15-30	20.73	444.30
	9/19/11	465.03	15-30	22.91	442.12
	11/4/11	465.03	15-30	23.00	442.03
	2/1/12	465.03	15-30	Dry	NC
	6/13/12	465.03	15-30	26.90	438.13
	8/28/12	465.03	15-30	Dry	NC
	3/13/13	465.03	15-30	21.94	443.09
	6/21/13	465.03	15-30	25.52	439.51
	8/24/13	465.03	15-30	25.09	439.94
	12/5/13	465.03	15-30	23.31	441.72
	3/6/14	**465.03**	**15-30**	**23.49**	**441.54**

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-1B**	4/6/06	465.02	50-55	15.59	449.43
	7/27/06	465.02	50-55	22.47	442.55
	10/12/06	465.02	50-55	23.51	441.51
	1/3/07	465.02	50-55	21.04	443.98
	4/13/07	465.02	50-55	23.30	441.72
	7/16/07	465.02	50-55	35.57	429.45
	10/29/07	465.02	50-55	47.32	417.70
	2/1/08	465.02	50-55	33.90	431.12
	4/18/08	465.02	50-55	27.35	437.67
	7/28/08	465.02	50-55	44.03	420.99
	11/18/08	465.02	50-55	48.50	416.52
	2/4/09	465.02	50-55	46.83	418.19
	4/21/09	465.02	50-55	37.10	427.92
	9/24/09	465.02	50-55	37.76	427.26
	3/4/10	465.02	50-55	27.41	437.61
	7/19/10	465.02	50-55	NM	NC
	1/19/11	465.02	50-55	23.10	441.92
	4/6/11	465.02	50-55	18.40	446.62
	4/18/11	465.02	50-55	18.60	446.42
	5/9/11	465.02	50-55	19.11	445.91
	6/1/11	465.02	50-55	20.10	444.92
	6/15/11	465.02	50-55	20.44	444.58
	6/30/11	465.02	50-55	20.74	444.28
	9/19/11	465.02	50-55	22.92	442.10
	11/4/11	465.02	50-55	22.95	442.07
	2/2/12	465.02	50-55	33.00	432.02
	6/13/12	465.02	50-55	26.99	438.03
	8/28/12	465.02	50-55	29.51	435.51
	3/13/13	465.02	50-55	21.96	443.06
	6/21/13	465.02	50-55	24.55	440.47
	8/24/13	465.02	50-55	25.11	439.91
	12/5/13	465.02	50-55	23.35	441.67
	3/6/14	**465.02**	**50-55**	**23.53**	**441.49**
MW-2*	8/11/00	464.94	15-30	NM	NC
	10/19/00	464.94	15-30	21.80	443.14
	2/22/01	464.94	15-30	22.87	442.07
	5/30/01	464.94	15-30	Dry	NC
	11/14/01	464.94	15-30	Dry	NC
	5/7/02	464.94	15-30	26.70	438.24
	9/11/02	464.94	15-30	25.96	438.98
	12/11/02	464.94	15-30	27.56	437.38
	3/14/03	464.94	15-30	22.41	442.53
	6/25/03	464.94	15-30	21.97	442.97
	9/16/03	464.94	15-30	24.70	440.24
	12/22/03	464.94	15-30	21.58	443.36
	3/10/04	464.94	15-30	17.31	447.63
	6/15/04	464.94	15-30	22.18	442.76
	9/17/04	464.94	15-30	25.44	439.50
	12/10/04	464.94	15-30	22.00	442.94
	3/2/05	464.94	15-30	16.75	448.19
	5/27/05	464.94	15-30	18.29	446.65
	7/21/05	464.94	15-30	20.46	444.48
	10/10/05	464.94	15-30	22.30	442.64
	1/9/06	464.94	15-30	17.67	447.27

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-2A*	4/6/06	464.94	15-30	15.47	449.47
	7/27/06	464.94	15-30	22.27	442.67
	10/12/06	464.94	15-30	23.35	441.59
	1/3/07	464.94	15-30	20.90	444.04
	4/13/07	464.94	15-30	23.16	441.78
	7/16/07	464.94	15-30	Dry	NC
	10/29/07	464.94	15-30	Dry	NC
	2/1/08	464.94	15-30	Dry	NC
	4/18/08	464.94	15-30	27.26	437.68
	7/28/08	464.94	15-30	Dry	NC
	11/18/08	464.94	15-30	Dry	NC
	2/4/09	464.94	15-30	Dry	NC
	4/21/09	464.94	15-30	Dry	NC
	9/24/09	464.94	15-30	Dry	NC
	3/4/10	464.94	15-30	25.12	439.82
	7/20/10	464.94	15-30	25.90	439.04
	1/19/11	464.94	15-30	25.30	439.64
	4/6/11	464.94	15-30	18.30	446.64
	9/19/11	464.94	15-30	22.45	442.49
	11/4/11	464.94	15-30	22.77	442.17
	2/1/12	464.94	15-30	Dry	NC
	6/12/12	464.94	15-30	26.79	438.15
	8/28/12	464.94	15-30	NS	NC
	3/13/13	464.94	15-30	21.81	443.13
	6/21/13	464.94	15-30	24.33	440.61
	8/24/13	464.94	15-30	NM	NC
	12/5/13	464.94	15-30	23.16	441.78
	3/6/14	**464.94**	**15-30**	**23.39**	**441.55**
MW-3*	8/11/00	465.84	15-30	NM	NC
	10/19/00	465.84	15-30	22.45	443.39
	2/22/01	465.84	15-30	23.51	442.33
	5/30/01	465.84	15-30	Dry	NC
	11/14/01	465.84	15-30	Dry	NC
	5/7/02	465.84	15-30	Dry	NC
	9/11/02	465.84	15-30	26.61	439.23
	12/11/02	465.84	15-30	28.18	437.66
	3/14/03	465.84	15-30	23.04	442.80
	6/25/03	465.84	15-30	22.59	443.25
	9/16/03	465.84	15-30	25.33	440.51
	12/22/03	465.84	15-30	22.37	443.47
	3/10/04	465.84	15-30	17.88	447.96
	6/15/04	465.84	15-30	22.82	443.02
	9/17/04	465.84	15-30	26.09	439.75
	12/10/04	465.84	15-30	22.65	443.19
	3/5/05	465.84	15-30	17.33	448.51
	5/27/05	465.84	15-30	18.89	446.95
	7/21/05	465.84	15-30	21.10	444.74
	10/10/05	465.84	15-30	22.94	442.90
	1/9/06	465.84	15-30	18.24	447.60

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-3A*	4/6/06	465.84	15-30	16.02	449.82
	7/27/06	465.84	15-30	22.90	442.94
	10/12/06	465.84	15-30	23.99	441.85
	1/3/07	465.84	15-30	21.52	444.32
	4/13/07	465.84	15-30	23.78	442.06
	7/16/07	465.84	15-30	Dry	NC
	10/29/07	465.84	15-30	Dry	NC
	2/1/08	465.84	15-30	Dry	NC
	4/18/08	465.84	15-30	27.86	437.98
	7/28/08	465.84	15-30	Dry	NC
	11/18/08	465.84	15-30	Dry	NC
	2/4/09	465.84	15-30	Dry	NC
	4/21/09	465.84	15-30	Dry	NC
	9/24/09	465.84	15-30	Dry	NC
	3/4/10	465.84	15-30	27.95	437.89
	7/19/10	465.84	15-30	26.55	439.29
	1/19/11	465.84	15-30	23.63	442.21
	4/6/11	465.84	15-30	18.90	446.94
	9/19/11	465.85	15-30	23.40	442.45
	11/4/11	465.85	15-30	23.60	442.25
	2/1/12	465.85	15-30	Dry	NC
	6/12/12	465.85	15-30	27.47	438.38
	8/28/12	465.85	15-30	NM	NC
	3/13/13	465.85	15-30	22.47	443.38
	6/21/13	465.85	15-30	24.99	440.86
	8/24/13	465.85	15-30	NM	NC
	12/5/13	465.85	15-30	23.81	442.04
	3/6/14	**465.85**	**15-30**	**24.01**	**441.84**
MW-4***	11/14/01	465.15	15-30	33.84	431.31
	5/7/02	465.15	15-30	26.75	438.40
	9/11/02	465.15	15-30	26.66	438.49
	12/11/02	465.15	15-30	28.39	436.76
	3/14/03	465.15	15-30	23.14	442.01
	6/25/03	465.15	15-30	22.72	442.43
	9/16/03	465.15	15-30	25.39	439.76
	12/22/03	465.15	15-30	22.42	442.73
	3/4/04	465.15	15-30	18.20	446.95
	6/15/04	465.15	15-30	22.95	442.20
	9/17/04	465.15	15-30	26.12	439.03
	12/10/04	465.15	15-30	22.73	442.42
	3/2/05	465.15	15-30	17.60	447.55
	5/27/05	465.15	15-30	19.14	446.01
	7/21/05	465.15	15-30	21.25	443.90
	10/10/05	465.15	15-30	22.85	442.30
	1/9/06	465.15	15-30	18.54	446.61

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-4A**	4/6/06	464.96	15-30	16.19	448.77
	7/27/06	464.96	15-30	22.87	442.09
	10/12/06	464.96	15-30	23.90	441.06
	1/3/07	464.96	15-30	21.52	443.44
	4/13/07	464.96	15-30	23.78	441.18
	7/16/07	464.96	15-30	Dry	NC
	10/29/07	464.96	15-30	Dry	NC
	2/1/08	464.96	15-30	Dry	NC
	4/18/08	464.96	15-30	27.91	437.05
	7/28/08	464.96	15-30	Dry	NC
	11/18/08	464.96	15-30	Dry	NC
	2/4/09	464.96	15-30	Dry	NC
	9/24/09	464.96	15-30	Dry	NC
	4/21/09	464.96	15-30	Dry	NC
	3/4/10	464.96	15-30	25.66	439.30
	7/20/10	464.96	15-30	24.25	440.71
	1/19/11	464.96	15-30	23.64	441.32
	4/6/11	464.96	15-30	18.90	446.06
	9/19/11	464.96	15-30	23.43	441.53
	11/4/11	464.96	15-30	23.40	441.56
	2/1/12	464.96	15-30	Dry	NC
	6/12/12	464.96	15-30	27.27	437.69
	8/28/12	464.96	15-30	NM	NC
	3/13/13	464.96	15-30	22.38	442.58
	6/21/13	464.96	15-30	24.88	440.08
	8/24/13	464.96	15-30	NM	NC
	12/5/13	464.96	15-30	23.75	441.21
	3/6/14	**464.96**	**15-30**	**24.00**	**440.96**
MW-5***	11/14/01	464.65	20-50	34.94	429.71
	5/7/02	464.65	20-50	27.90	436.75
	9/11/02	464.65	20-50	27.99	436.66
	12/11/02	464.65	20-50	29.50	435.15
	3/14/03	464.65	20-50	24.26	440.39
	6/25/03	464.65	20-50	24.01	440.64
	9/16/03	464.65	20-50	26.83	437.82
	12/22/03	464.65	20-50	23.68	440.97
	3/10/04	464.65	20-50	19.22	445.43
	6/15/04	464.65	20-50	24.20	440.45
	9/17/04	464.65	20-50	27.68	436.97
	12/10/04	464.65	20-50	23.93	440.72
	3/2/05	464.65	20-50	18.56	446.09
	5/27/05	464.65	20-50	20.15	444.50
	7/21/05	464.65	20-50	22.55	442.10
	10/10/05	464.65	20-50	23.35	441.30
	1/9/06	464.65	20-50	19.53	445.12

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-5A**	4/6/06	464.64	20-35	17.35	447.29
	7/27/06	464.64	20-35	24.40	440.24
	10/12/06	464.64	20-35	25.58	439.06
	1/3/07	464.64	20-35	22.53	442.11
	4/13/07	464.64	20-35	24.77	439.87
	7/16/07	464.64	20-35	Dry	NC
	10/29/07	464.64	20-35	Dry	NC
	2/1/08	464.64	20-35	34.03	430.61
	4/18/08	464.64	20-35	28.13	436.51
	7/28/08	464.64	20-35	Dry	NC
	11/18/08	464.64	20-35	33.82	430.82
	2/4/09	464.64	20-35	Dry	NC
	4/21/09	464.64	20-35	Dry	NC
	9/24/09	464.64	20-35	Dry	NC
	3/4/10	464.64	20-35	28.77	435.87
	7/20/10	464.64	20-35	24.57	440.07
	1/19/11	464.64	20-35	24.52	440.12
	4/6/11	464.64	20-35	19.98	444.66
	9/19/11	464.64	20-35	24.62	440.02
	11/4/11	464.64	20-35	24.50	440.14
	2/1/12	464.64	20-35	Dry	NC
	6/12/12	464.64	20-35	28.39	436.25
	8/28/12	464.64	20-35	31.10	433.54
	3/13/13	464.64	20-35	23.38	441.26
	6/21/13	464.64	20-35	26.15	438.49
	8/24/13	464.64	20-35	26.66	437.98
	12/5/13	464.64	20-35	25.05	439.59
	3/6/14	**464.64**	**20-35**	**25.13**	**439.51**
MW-5B**	4/6/06	464.59	50-55	17.44	447.15
	7/27/06	464.59	50-55	24.09	440.50
	10/12/06	464.59	50-55	25.17	439.42
	1/3/07	464.59	50-55	22.44	442.15
	4/13/07	464.59	50-55	25.33	439.26
	7/16/07	464.59	50-55	36.50	428.09
	10/29/07	464.59	50-55	47.90	416.69
	2/1/08	464.59	50-55	33.25	431.34
	4/18/08	464.59	50-55	28.77	435.82
	7/28/08	464.59	50-55	44.76	419.83
	11/18/08	464.59	50-55	51.65	412.94
	2/4/09	464.59	50-55	47.63	416.96
	4/21/09	464.59	50-55	37.00	427.59
	9/24/09	464.59	50-55	39.73	424.86
	3/4/10	464.59	50-55	28.97	435.62
	7/19/10	464.59	50-55	25.40	439.19
	1/19/11	464.59	50-55	24.52	440.07
	4/6/11	464.59	50-55	20.05	444.54
	9/19/11	464.59	50-55	24.50	440.09
	11/4/11	464.59	50-55	24.40	440.19
	2/1/12	464.59	50-55	33.96	430.63
	6/12/12	464.59	50-55	28.65	435.94
	8/28/12	464.59	50-55	31.22	433.37
	3/13/13	464.59	50-55	23.42	441.17
	6/21/13	464.59	50-55	26.21	438.38
	8/24/13	464.59	50-55	26.86	437.73
	12/5/13	464.59	50-55	25.06	439.53
	3/6/14	**464.59**	**50-55**	**25.16**	**439.43**

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-6	11/14/01	464.13	20-50	33.88	430.25
	5/7/02	464.13	20-50	27.01	437.12
	9/11/02	464.13	20-50	27.03	437.10
	12/11/02	464.13	20-50	28.77	435.36
	3/14/03	464.13	20-50	23.46	440.67
	6/25/03	464.13	20-50	23.08	441.05
	9/16/03	464.13	20-50	25.77	438.36
	12/22/03	464.13	20-50	22.59	441.54
	3/10/04	464.13	20-50	18.65	445.48
	6/15/04	464.13	20-50	23.31	440.82
	9/17/04	464.13	20-50	26.56	437.57
	12/10/04	464.13	20-50	23.09	441.04
	3/2/05	464.13	20-50	18.04	446.09
	5/27/05	464.13	20-50	19.57	444.56
	7/21/05	464.13	20-50	21.60	442.53
	10/10/05	464.13	20-50	22.21	441.92
	1/9/06	464.13	20-50	18.99	445.14
	4/6/06	464.13	20-50	17.00	447.13
	7/27/06	464.13	20-50	23.45	440.68
	10/12/06	464.13	20-50	24.36	439.77
	1/3/07	464.13	20-50	22.03	442.10
	4/13/07	464.13	20-50	24.40	439.73
	7/16/07	464.13	20-50	NM	NC
	10/29/07	464.13	20-50	Dry	NC
	2/1/08	464.13	20-50	33.05	431.08
	4/18/08	464.13	20-50	28.20	435.93
	7/28/08	464.13	20-50	Dry	NC
	11/18/08	464.13	20-50	Dry	NC
	2/4/09	464.13	20-50	Dry	NC
	4/21/09	464.13	20-50	38.71	425.42
	9/24/09	464.13	20-50	38.26	425.87
	3/4/10	464.13	20-50	26.02	438.11
	7/19/10	464.13	20-50	24.65	439.48
	1/19/11	464.13	20-50	24.00	440.13
	4/6/11	464.13	20-50	21.76	442.37
	9/19/11	464.13	20-50	23.76	440.37
	11/4/11	464.13	20-50	23.00	441.13
	2/1/12	464.13	20-50	33.43	430.70
	6/12/12	464.13	20-50	27.62	436.51
	8/28/12	464.13	20-50	30.17	433.96
	3/13/13	464.13	20-50	22.72	441.41
	6/21/13	464.13	20-50	25.30	438.83
	8/24/13	464.13	20-50	25.86	438.27
	12/5/13	464.13	20-50	24.21	439.92
	3/6/14	**464.13**	**20-50**	**24.31**	**439.82**

Table 1

Groundwater Elevation Data

160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-7A**	4/6/06	465.32	15-30	16.61	448.71
	7/27/06	465.32	15-30	23.40	441.92
	10/12/06	465.32	15-30	24.50	440.82
	1/3/07	465.32	15-30	21.80	443.52
	4/13/07	465.32	15-30	24.05	441.27
	7/16/07	465.32	15-30	Dry	NC
	10/29/07	465.32	15-30	Dry	NC
	2/1/08	465.32	15-30	Dry	NC
	4/18/08	465.32	15-30	28.16	437.16
	7/28/08	465.32	15-30	Dry	NC
	11/18/08	465.32	15-30	Dry	NC
	2/4/09	465.32	15-30	Dry	NC
	4/21/09	465.32	15-30	Dry	NC
	9/24/09	465.32	15-30	Dry	NC
	3/4/10	465.32	15-30	26.30	439.02
	7/19/10	465.32	15-30	24.78	440.54
	1/19/11	465.32	15-30	23.60	441.72
	4/6/11	465.32	15-30	19.35	445.97
	4/18/11	465.32	15-30	19.59	445.73
	5/9/11	465.32	15-30	21.15	444.17
	6/1/11	465.32	15-30	21.01	444.31
	6/15/11	465.32	15-30	21.45	443.87
	6/30/11	465.32	15-30	21.87	443.45
	9/19/11	465.32	15-30	23.96	441.36
	11/4/11	465.32	15-30	23.45	441.87
	2/1/12	465.32	15-30	Dry	NC
	6/13/12	465.32	15-30	27.93	437.39
	8/28/12	465.32	15-30	Dry	NC
	3/13/13	465.32	15-30	22.86	442.46
	6/21/13	465.32	15-30	25.09	440.23
	8/24/13	465.32	15-30	25.00	440.32
	12/5/13	465.32	15-30	24.26	441.06
	3/6/14	**465.32**	**15-30**	**24.56**	**440.76**
MW-7B**	4/6/06	465.39	45-50	16.85	448.54
	7/27/06	465.39	45-50	23.72	441.67
	10/12/06	465.39	45-50	24.74	440.65
	1/3/07	465.39	45-50	22.18	443.21
	4/13/07	465.39	45-50	24.41	440.98
	7/16/07	465.39	45-50	36.40	428.99
	10/29/07	465.39	45-50	Dry	NC
	2/1/08	465.39	45-50	33.84	431.55
	4/18/08	465.39	45-50	28.52	436.87
	7/28/08	465.39	45-50	44.92	420.47
	11/18/08	465.39	45-50	Dry	NC
	2/4/09	465.39	45-50	46.65	418.74
	4/21/09	465.39	45-50	36.83	428.56
	9/24/09	465.39	45-50	39.26	426.13
	3/4/10	465.39	45-50	28.63	436.76
	7/19/10	465.39	45-50	25.05	440.34
	1/19/11	465.39	45-50	24.15	441.24
	4/6/11	465.39	45-50	21.78	443.61
	4/18/11	465.39	45-50	19.75	445.64
	5/9/11	465.39	45-50	20.40	444.99
	6/1/11	465.39	45-50	21.25	444.14
	6/15/11	465.39	45-50	21.45	443.94
	6/30/11	465.39	45-50	21.65	443.74
	9/19/11	465.39	45-50	24.10	441.29
	11/4/11	465.39	45-50	24.10	441.29

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-7B	2/2/12	465.39	45-50	33.91	431.48
cont.	6/13/12	465.39	45-50	28.14	437.25
	8/28/12	465.39	45-50	30.67	434.72
	3/13/13	465.39	45-50	23.05	442.34
	6/21/13	465.39	45-50	25.70	439.69
	8/24/13	465.39	45-50	26.26	439.13
	12/5/13	465.39	45-50	24.51	440.88
	3/6/14	**465.39**	**45-50**	**24.65**	**440.74**
MW-7C**	4/6/06	465.39	65-70	17.18	448.21
	7/27/06	465.39	65-70	24.15	441.24
	10/12/06	465.39	65-70	24.74	440.65
	1/3/07	465.39	65-70	22.53	442.86
	4/13/07	465.39	65-70	24.73	440.66
	7/16/07	465.39	65-70	36.70	428.69
	10/29/07	465.39	65-70	48.25	417.14
	2/1/08	465.39	65-70	34.00	431.39
	4/18/08	465.39	65-70	28.75	436.64
	7/28/08	465.39	65-70	45.00	420.39
	11/18/08	465.39	65-70	49.62	415.77
	2/4/09	465.39	65-70	47.89	417.50
	4/21/09	465.39	65-70	36.98	428.41
	9/24/09	465.39	65-70	39.49	425.90
	3/4/10	465.39	65-70	26.66	438.73
	7/19/10	465.39	65-70	25.38	440.01
	1/19/11	465.39	65-70	24.50	440.89
	4/6/11	465.39	65-70	19.88	445.51
	9/19/11	465.39	65-70	23.50	441.89
	11/4/11	465.39	65-70	24.40	440.99
	2/2/12	465.39	65-70	34.14	431.25
	6/13/12	465.39	65-70	28.54	436.85
	8/28/12	465.39	65-70	31.07	434.32
	3/13/13	465.39	65-70	23.34	442.05
	6/21/13	465.39	65-70	26.00	439.39
	8/24/13	465.39	65-70	26.64	438.75
	12/5/13	465.39	65-70	24.91	440.48
	3/6/14	**465.39**	**65-70**	**25.04**	**440.35**
MW-8A	7/28/08	NC	16-36	Dry	NC
	11/18/08	NC	16-36	35.40	NC
	2/4/09	NC	16-36	Dry	NC
	4/21/09	NC	16-36	Dry	NC
	9/24/09	NC	16-36	Dry	NC
	3/4/10	NC	16-36	26.33	NC
	7/20/10	NC	16-36	25.00	NC
	1/19/11	NC	16-36	24.30	NC
	4/6/11	NC	16-36	19.22	NC
	9/19/11	NC	16-36	24.05	NC
	11/4/11	NC	16-36	24.10	NC
	2/2/12	NC	16-36	33.99	NC
	6/12/12	NC	16-36	28.01	NC
	8/28/12	NC	16-36	30.53	NC
	3/13/13	NC	16-36	23.09	NC
	6/21/13	NC	16-36	25.60	NC
	8/24/13	NC	16-36	26.13	NC
	12/5/13	NC	16-36	24.45	NC
	3/6/14	**NC**	**16-36**	**24.60**	**NC**

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-8B	7/28/08	NC	46-51	44.90	NC
	11/18/08	NC	46-51	49.85	NC
	2/4/09	NC	46-51	47.95	NC
	4/21/09	NC	46-51	38.75	NC
	9/24/09	NC	46-51	38.47	NC
	3/4/10	NC	46-51	28.24	NC
	7/20/10	NC	46-51	24.70	NC
	1/19/11	NC	46-51	24.05	NC
	4/6/11	NC	46-51	19.42	NC
	9/19/11	NC	46-51	23.80	NC
	11/4/11	NC	46-51	23.50	NC
	2/2/12	NC	46-51	33.73	NC
	6/13/12	NC	46-51	27.75	NC
	8/28/12	NC	46-51	30.28	NC
	3/13/13	NC	46-51	22.82	NC
	6/21/13	NC	46-51	25.36	NC
	8/24/13	NC	46-51	25.91	NC
	12/5/13	NC	46-51	24.24	NC
	3/6/14	**NC**	**46-51**	**24.37**	**NC**
MW-9A	7/28/08	NC	14-36	Dry	NC
	11/18/08	NC	14-36	48.97	NC
	2/4/09	NC	14-36	Dry	NC
	4/21/09	NC	14-36	Dry	NC
	9/24/09	NC	14-36	Dry	NC
	3/4/10	NC	14-36	27.86	NC
	7/20/10	NC	14-36	24.15	NC
	1/19/11	NC	14-36	23.40	NC
	4/6/11	NC	14-36	21.50	NC
	9/19/11	NC	14-36	23.25	NC
	11/4/11	NC	14-36	23.50	NC
	2/1/12	NC	14-36	33.10	NC
	6/12/12	NC	14-36	27.30	NC
	8/28/12	NC	14-36	29.72	NC
	3/13/13	NC	14-36	22.20	NC
	6/21/13	NC	14-36	24.79	NC
	8/24/13	NC	14-36	25.35	NC
	12/5/13	NC	14-36	24.68	NC
	3/6/14	**NC**	**14-36**	**23.79**	**NC**
MW-9B	7/28/08	NC	47-52	44.05	NC
	11/18/08	NC	47-52	38.28	NC
	2/4/09	NC	47-52	47.03	NC
	4/21/09	NC	47-52	35.94	NC
	9/24/09	NC	47-52	37.93	NC
	3/4/10	NC	47-52	27.68	NC
	7/20/10	NC	47-52	24.30	NC
	1/19/11	NC	47-52	23.55	NC
	4/6/11	NC	47-52	21.21	NC
	9/19/11	NC	47-52	23.12	NC
	11/4/11	NC	47-52	23.35	NC
	2/1/12	NC	47-52	33.13	NC
	6/12/12	NC	47-52	27.19	NC
	8/28/12	NC	47-52	29.82	NC
	3/13/13	NC	47-52	22.29	NC
	6/21/13	NC	47-52	24.86	NC
	8/24/13	NC	47-52	25.42	NC
	12/5/13	NC	47-52	23.77	NC
	3/6/14	**NC**	**47-52**	**23.90**	**NC**

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
EX-1**	11/14/01	465.30	30-55	33.41	431.89
	5/7/02	465.30	30-55	27.58	437.72
	9/11/02	465.30	30-55	NM	NC
	12/11/02	465.30	30-55	27.98	437.32
	3/14/03	465.30	30-55	23.02	442.28
	6/25/03	465.30	30-55	22.41	442.89
	9/16/03	465.30	30-55	24.65	440.65
	3/10/04	465.30	30-55	17.99	447.31
	6/15/04	465.30	30-55	22.48	442.82
	9/17/04	465.30	30-55	25.91	439.39
	12/10/04	465.30	30-55	NM	NC
	3/2/05	465.30	30-55	NM	NC
	5/27/05	465.30	30-55	18.68	446.62
	7/21/05	465.30	30-55	21.55	443.75
	10/10/05	465.30	30-55	22.73	442.57
	1/9/06	465.30	30-55	18.05	447.25
EW-1***	4/6/06	465.45	15-40	15.99	449.46
	7/27/06	465.45	15-40	23.85	441.60
	10/12/06	465.45	15-40	23.51	441.94
	1/3/07	465.45	15-40	21.45	444.00
	4/13/07	465.45	15-40	23.69	441.76
	10/29/07	465.45	15-40	NM	NC
	2/1/08	465.45	15-40	NM	NC
	4/18/08	465.45	15-40	27.83	437.62
	7/28/08	465.45	15-40	NM	NC
	11/18/08	465.45	15-40	Dry	NC
	2/4/09	465.45	15-40	Dry	NC
	4/21/09	465.45	15-40	Dry	NC
	9/24/09	465.45	15-40	Dry	NC
	3/4/10	465.45	15-40	27.87	NC
	7/20/10	465.45	15-40	24.35	441.10
	1/19/11	465.45	15-40	23.58	441.87
	4/6/11	465.45	15-40	18.85	446.60
	4/18/11	465.45	15-40	19.70	445.75
	5/9/11	465.45	15-40	19.69	445.76
	6/1/11	465.45	15-40	20.52	444.93
	6/15/11	465.45	15-40	21.11	444.34
	6/30/11	465.45	15-40	21.41	444.04
	9/19/11	465.45	15-40	22.35	443.10
	11/4/11	465.45	15-40	23.35	442.10
	2/2/12	465.45	15-40	33.38	432.07
	6/13/12	465.45	15-40	27.38	438.07
	8/28/12	465.45	15-40	29.90	435.55
	3/13/13	465.45	15-40	22.38	443.07
	6/21/13	465.45	15-40	24.95	440.50
	8/24/13	465.45	15-40	25.52	439.93
	12/5/13	465.45	15-40	23.75	441.70
	3/6/14	**465.45**	**15-40**	**23.98**	**441.47**
EW-2***	4/6/06	465.99	15-40	16.20	449.79
	7/27/06	465.99	15-40	23.10	442.89
	10/12/06	465.99	15-40	21.48	444.51
	1/3/07	465.99	15-40	21.66	444.33
	4/13/07	465.99	15-40	23.93	442.06
	10/29/07	465.99	15-40	Dry	NC
	2/1/08	465.99	15-40	NM	NC
	4/18/08	465.99	15-40	28.04	437.95
	7/28/08	465.99	15-40	NM	NC
	11/18/08	465.99	15-40	Dry	NC

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore, California

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Screen Interval (feet, bgs)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
EW-2***	2/4/09	465.99	15-40	Dry	NC
cont.	4/21/09	465.99	15-40	Dry	NC
	9/24/09	465.99	15-40	Dry	NC
	3/4/10	465.99	15-40	25.89	NC
	7/20/10	465.99	15-40	24.45	441.54
	1/19/11	465.99	15-40	23.72	442.27
	4/6/11	465.99	15-40	19.00	446.99
	4/18/11	465.99	15-40	19.19	446.80
	5/9/11	465.99	15-40	19.67	446.32
	6/1/11	465.99	15-40	20.71	445.28
	6/15/11	465.99	15-40	21.00	444.99
	6/30/11	465.99	15-40	21.31	444.68
	9/19/11	465.99	15-40	23.55	442.44
	11/4/11	465.99	15-40	23.60	442.39
	2/2/12	465.99	15-40	33.66	432.33
	6/13/12	465.99	15-40	27.64	438.35
	8/28/12	465.99	15-40	NM	NC
	3/13/13	465.99	15-40	22.58	443.41
	6/21/13	465.99	15-40	26.14	439.85
	8/24/13	465.99	15-40	NM	NC
	12/5/13	465.99	15-40	NM	NC
	3/6/14	**465.99**	**15-40**	**24.00**	**NC**
EW-3 [(a)]	11/18/08	NC	25-30	Dry	NC
	2/4/09	NC	25-30	33.80	NC
	4/21/09	NC	25-30	Dry	NC
	9/24/09	NC	25-30	Dry	NC
	3/4/10	NC	25-30	28.02	NC
	7/20/10	NC	25-30	NM	NC
	1/19/11	NC	25-30	23.50	NC
	4/6/11	NC	25-30	18.30	NC
	4/18/11	NC	25-30	19.40	NC
	5/9/11	NC	25-30	19.67	NC
	6/1/11	NC	25-30	20.72	NC
	6/15/11	NC	25-30	20.92	NC
	6/30/11	NC	25-30	21.11	NC
	9/19/11	NC	25-30	23.25	NC
	11/4/11	NC	25-30	23.30	NC
	2/2/12	NC	25-30	28.76	NC
	6/13/12	NC	25-30	27.31	NC
	8/28/12	NC	25-30	28.87	NC
	3/13/13	NC	25-30	22.32	NC
	6/21/13	NC	25-30	23.35	NC
	8/24/13	NC	25-30	24.96	NC
	12/5/13	NC	25-30	23.70	NC
	3/6/14	**NC**	**25-30**	**23.32**	**NC**
EW-3B [(b)]	3/13/13	NC	24-39	21.73	NC
	6/21/13	NC	24-39	24.12	NC
	8/24/13	NC	24-39	24.99	NC
	12/5/13	NC	24-39	23.71	NC
	3/6/14	**NC**	**24-39**	**23.00**	**NC**

Notes:
msl = mean sea level
bgs = below ground surface
NC = elevation not calculated
NM = well not measured
* = Well MW-1, 2, and 3 renamed MW-1A, 2A, and 3A respectively
** = Well destroyed on 2/22/06-2/28/06
*** = Well installed on 2/22/06-2/28/06
(a) = Well EW-3 is 35 feet deep with a screen interval from 25 to 30 feet bgs.
(b) = Well EW-3B installed on March 5, 2013 with a screen interval from 24 to 39 feet bgs.

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-1A*	8/11/00	NC	170,000	57,000	6,400	7,600	4,200	9,700	320,000	--	--	--	--	--	--	--	--	--	--
	10/19/00	443.09	170,000	17,000	8,400	3,200	2,700	10,000	200,000	--	--	--	--	--	--	--	--	--	--
	2/22/01	442.12	82,000	11,000	5,100	1,000	13,000	8,700	190,000	--	--	--	--	--	--	--	--	--	--
	5/30/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/02	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/11/02	438.87	130,000	--	7,700	1,100	--	1,500	<5000	--	--	--	--	--	--	--	--	--	--
	12/1/02	437.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/03	442.40	180,000	3,800	7,100	3,200	4,300	6,000	220,000	--	--	--	--	--	--	--	--	--	--
	6/25/03	442.93	71,000	3,100	7,500	4,700	4,800	8,900	210,000	--	--	--	--	--	--	--	--	--	--
	9/16/03	440.12	37,000	3,600	4,600	220	3,600	930	150,000	--	--	--	--	--	--	--	--	--	--
	12/22/03	443.28	44,000	4,000	6,800	1,500	4,000	3,800	180,000	--	--	--	--	--	--	--	--	--	--
	3/10/04	447.58	72,000	3,100	6,000	11,000	3,900	10,000	260,000	--	--	--	--	--	--	--	--	--	--
	6/15/04	442.65	42,000	4,300	5,000	1,800	3,700	6,000	210,000	--	--	--	--	--	--	--	--	--	--
	9/17/04	439.42	24,000	2,900	2,800	<33	2,900	500	83,000	--	--	--	--	--	--	--	--	--	--
	12/10/04	442.85	31,000	2,700	4,600	190	4,400	2,800	200,000	--	--	--	--	--	--	--	--	--	--
	3/2/05	448.08	58,000	2,800	4,000	2,500	4,500	7,800	230,000	--	--	--	--	--	--	--	--	--	--
	5/27/05	446.61	79,000	4,600	4,300	6,200	5,100	13,000	240,000	--	--	--	--	--	--	--	--	--	--
	7/21/05	443.65	80,000	--	4,300	5,300	5,400	14,000	300,000	--	--	--	--	--	--	--	--	--	--
	10/10/05	442.54	58,000	--	4,300	240	5,600	8,300	170,000	--	--	--	--	--	--	--	--	--	--
	1/9/06	446.98	47,000	3,700	3,100	1,100	4,400	5,900	180,000	<2,500	<25,000	<2,500	<2,500	240,000	<250,000	<2,500,000	<2,500	<2,500	--
	4/6/06	449.43	18,000	1,900	1,200	280	2,400	2,200	110,000	<2,500	<25,000	<2,500	<2,500	87,000	<250,000	<2,500,000	<2,500	<2,500	--
	7/27/06	442.61	24,000	2,400	2,100	350	3,400	5,300	130,000	<5000	<50,000	<5000	<5000	160,000	--	--	--	--	--
	10/12/06	441.57	19,000	1,700	1,000	26	2,000	1,000	68,000	<1,200	<12,000	<1,200	<1,200	84,000	<120,000	<1,200,000	--	--	--
	1/3/07	444.03	27,000	2,300	1,300	53	2,500	1,900	120,000	<1,700	<1,7000	<1,700	<1,700	110,000	<170,000	<1,700,000	<1,700	<1,700	--
	4/13/07	441.79	28,000	3,000	1,600	74	3,700	1,800	190,000	<5,000	<50,000	<5,000	<5,000	200,000	<500,000	<5,000,000	<5,000	<5,000	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	430.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	436.98	1,300	--	140	<5.0	26	6.0	16,000	--	--	--	--	--	--	--	--	--	--
	7/19/10	441.18	400	--	1.2	1.3	<0.5	0.76	880	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.91	150	130	1.4	0.6	<0.5	1.4	300	<250	40,000	<250	<250	330	--	--	<250	<250	--
	4/8/11	442.37	200	180	2.0	1.9	<0.5	4.4	1,300	<120	24,000	<120	<120	2,300	--	--	<120	<120	<0.2
	4/18/11	446.33	140	130	0.56	<0.5	<0.5	4.2	1,500	<50	11,000	<50	<50	1,200	--	--	<0.5	<50	<10

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-1A* cont.	5/9/11	445.77	<50	<50	<0.5	<0.5	<0.5	<0.5	880	<50	12,000	<50	<50	1,000	--	--	<50	<50	5.6
	6/1/11	444.93	<50	52	<0.5	<0.5	<0.5	<0.5	350	<50	12,000	<50	<50	480	--	--	<50	<50	1.3
	6/15/11	444.59	<50	70	<0.5	<0.5	<0.5	<0.5	310	<100	9,000	<100	<100	330	--	--	<100	<100	0.66
	6/30/11	444.30	<50	54	<0.5	<0.5	<0.5	<0.5	150	<50	6,200	<50	<50	170	--	--	<50	<50	0.54
	9/20/11	442.12	96	200	<0.5	0.6	<0.5	0.55	140	<120	19,000	<120	<120	150	--	--	<120	<120	--
	11/8/11	442.03	100	150	1.3	0.99	<0.5	1.1	110	<100	21,000	<100	<100	150	--	--	<100	<100	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/13/12	438.13	65	300	0.96	0.70	<0.5	<0.5	5.5	<50	10,000	<50	<50	<50	--	--	<0.5	<0.5	--
	8/28/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/13	443.09	<50	<50	1.1	<0.5	<0.5	<0.5	<5.0	<50	5,100	<50	<50	<50	<50	<50	<50	<50	<0.2
	6/25/13	439.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<100	6,800	<100	<100	<100	--	--	<100	<100	1.2
	7/22/13	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<100	17,000	<100	<100	<100	--	--	<100	<100	<2.0
	8/28/13	439.94	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<100	19,000	<100	<100	<100	--	--	<100	<100	<0.2
	12/6/13	441.72	<50	<50	<0.5	<0.5	<0.5	<0.5	5.2	<120	24,000	<120	<120	<120	--	--	<120	<120	<0.2
	3/7/14	**441.54**	**71**	**100**	**1.1**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<50**	**6,800**	**<50**	**<50**	**<50**	**--**	**--**	**<50**	**<50**	**<0.2**
MW-1B	3/13/06	446.44	<50	<50	<0.5	<0.5	<0.5	<0.5	8.2	<0.5	<5.0	<0.5	<0.5	7.9	<50	<500	<0.5	<0.5	--
	4/6/06	449.43	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	1.0	<50	<500	<0.5	<0.5	--
	7/27/06	442.55	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/06	441.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	--	--	--
	1/3/07	443.98	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/13/07	441.72	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/16/07	429.45	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/29/07	417.70	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	2/1/08	431.12	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/18/08	437.67	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/29/08	420.99	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
	2/4/09	418.19	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/21/09	427.92	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/24/09	427.26	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	1.1	--	--	--	--	--
	3/4/10	437.61	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.92	<50	130	<0.5	<0.5	<0.5	<0.5	<5.0	<250	40,000	<250	<250	330	--	--	<250	<250	--
	4/8/11	446.62	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	2.5
	4/18/11	446.42	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	2.4
	5/9/11	445.91	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	2.4
	6/1/11	444.92	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.4
	6/15/11	444.58	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.8
	6/30/11	444.28	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	2.1
	9/20/11	442.10	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	11/8/11	442.07	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	2/2/12	432.02	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	6/13/12	438.03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	8/28/12	435.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.6

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-1B cont.	3/14/13	443.06	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.6
	6/21/13	441.47	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.9
	7/22/13	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	6.8	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.7
	8/24/13	439.91	<50	110	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	1.7
	12/6/13	441.67	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/7/14	**441.49**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**	**<0.5**	**<0.5**	**1.6**
MW- 2A*	8/11/00	NC	4,500	1,900	220	52	160	170	3,000	--	--	--	--	--	--	--	--	--	--
	10/19/00	443.14	3,400	1,300	150	21	100	70	1,900	--	--	--	--	--	--	--	--	--	--
	2/22/01	442.07	7,600	880	25	<10	69	25	2,200	--	--	--	--	--	--	--	--	--	--
	5/30/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/02	438.24	400	86	5.4	<0.5	1.9	2.3	230	--	--	--	--	--	--	--	--	--	--
	9/11/02	438.98	260	--	1.3	<0.5	0.57	0.77	200	--	--	--	--	--	--	--	--	--	--
	12/1/02	437.38	250	120	7.9	1.6	13	9.9	180	--	--	--	--	--	--	--	--	--	--
	3/14/03	442.53	830	110	56	<0.5	<0.5	<1.0	1,200	--	--	--	--	--	--	--	--	--	--
	6/25/03	442.97	260	180	0.92	2.9	3.1	8.1	2,000	--	--	--	--	--	--	--	--	--	--
	9/16/03	440.24	420	260	3.6	3.4	5.2	2.4	1,300	--	--	--	--	--	--	--	--	--	--
	12/22/03	443.36	240	120	0.82	3.1	7.8	3.9	1,400	--	--	--	--	--	--	--	--	--	--
	3/10/04	447.63	280	210	9.4	4.2	14	11	1,400	--	--	--	--	--	--	--	--	--	--
	6/15/04	442.76	150	150	2.1	2.4	2.2	1.3	1,500	--	--	--	--	--	--	--	--	--	--
	9/17/04	439.50	61	70	<0.5	1.0	<0.5	<0.5	730	--	--	--	--	--	--	--	--	--	--
	12/10/04	442.94	84	110	<0.5	1.2	<0.5	1.5	1,300	--	--	--	--	--	--	--	--	--	--
	3/2/05	448.19	63	91	0.55	<0.5	0.63	0.51	1,000	--	--	--	--	--	--	--	--	--	--
	5/27/05	446.65	270	59	14	3.9	19	6.8	1,100	--	--	--	--	--	--	--	--	--	--
	7/21/05	444.48	280	--	8.6	2.5	17	2.5	1,500	--	--	--	--	--	--	--	--	--	--
	10/10/05	442.64	<50	--	<.5	<.5	<.5	<.5	680	--	--	--	--	--	--	--	--	--	--
	1/9/06	447.27	1,700	890	4.4	1.3	120	18	530	<10	330	<10	<10	590	<1,000	<10,000	<10	<10	--
	4/7/06	449.47	110	160	0.61	0.8	4.1	<0.5	270	<5.0	660	<5.0	<5.0	240	<500	<5,000	<5.0	<5.0	--
	7/27/06	442.67	<50	120	<0.5	0.84	<0.5	<0.5	87	<5.0	870	<5.0	<5.0	110	--	--	--	--	--
	10/12/06	441.59	<50	70	<0.5	<0.5	<0.5	<0.5	29	<5.0	480	<5.0	<5.0	30	<500	<5,000	--	--	--
	1/3/07	444.04	55	60	0.57	<0.5	<0.5	<0.5	8.5	<2.5	590	<2.5	<2.5	7.8	<250	<2,500	<2.5	<2.5	--
	4/13/07	441.78	86	130	<0.5	0.6	<0.5	<0.5	16	<5.0	740	<5.0	<5.0	16	<500	<5,000	<5.0	<5.0	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	439.82	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	439.09	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW- 2A* cont.	1/21/11	439.64	<50	<50	<0.5	<0.5	<0.5	<0.5	2.8	<5.0	<5.0	<5.0	<5.0	2.8	--	--	<5.0	<5.0	--
	4/8/11	446.64	<50	<50	<0.5	0.77	<0.5	6.2	<5.0	<0.5	15	<0.5	<0.5	3.3	--	--	<0.5	<0.5	<0.2
	4/18/11	NC	<50	<50	<0.5	<0.5	<0.5	2.6	<5.0	24	24	<0.5	<0.5	2.7	--	--	<0.5	<0.5	<0.2
	5/9/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	26	<0.5	<0.5	3.7	--	--	<0.5	<0.5	<0.2
	6/1/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	13	<0.5	<0.5	2.8	--	--	<0.5	<0.5	<0.2
	6/15/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	19	<0.5	<0.5	2.8	--	--	<0.5	<0.5	<0.2
	6/30/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	13	<0.5	<0.5	3.0	--	--	<0.5	<0.5	<0.2
	9/20/11	442.49	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	7.9	<0.5	<0.5	2.8	--	--	<0.5	<0.5	--
	11/8/11	442.17	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	2.3	--	--	<0.5	<0.5	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/12	438.15	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	<0.5	<0.5	1.1	--	--	<0.5	<0.5	--
	8/30/12	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/13/13	443.13	<50	--	<0.5	<0.5	<0.5	0.70	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	6/25/13	440.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/13	441.78	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/14	**441.55**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW- 3A*	8/11/00	NC	59	260	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	10/19/00	443.39	<50	<65	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/22/01	442.33	<50	100	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	5/30/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/01	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/02	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/11/02	439.23	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/1/02	437.66	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/03	442.80	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/03	443.25	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/16/03	440.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/22/03	443.47	<50	69	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/10/04	447.96	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/15/04	443.02	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/17/04	439.75	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/10/04	443.19	<50	<50	<0.5	<0.5	<0.5	<0.5	7.6	--	--	--	--	--	--	--	--	--	--
	3/2/05	448.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	5/27/05	446.95	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/21/05	444.74	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	10/10/05	442.90	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/9/06	447.60	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<5.0	<0.5	<50	<500	<0.5	<0.5	--
	4/7/06	449.82	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/27/06	442.94	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/06	441.85	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	--	--	--
	1/3/07	444.32	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/13/07	442.06	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-3A cont.	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	437.89	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/20	439.29	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	442.21	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/8/11	446.94	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/20/11	442.45	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/8/11	442.25	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/12	438.38	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	8/28/12	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/13/13	443.38	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	440.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/13	442.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/7/14	**441.84**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4**	11/14/01	431.31	510	90	4.0	<0.5	<0.5	<0.5	14	--	--	--	--	--	--	--	--	--	--
	5/7/02	438.40	150	<50	3.5	0.5	<0.5	<0.5	48	--	--	--	--	--	--	--	--	--	--
	9/11/02	438.49	<50	--	<0.5	<0.5	<0.5	<0.5	15	--	--	--	--	--	--	--	--	--	--
	12/1/02	436.76	<50	<50	<0.5	<0.5	<0.5	<0.5	24	--	--	--	--	--	--	--	--	--	--
	3/14/03	442.01	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--
	6/25/03	442.43	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--
	9/16/03	439.76	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/22/03	442.73	<50	69	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/10/04	446.95	<50	<50	<0.5	<0.5	<0.5	<0.5	37	--	--	--	--	--	--	--	--	--	--
	6/15/04	442.20	<50	<50	<0.5	<0.5	<0.5	<0.5	7.4	--	--	--	--	--	--	--	--	--	--
	9/17/04	439.03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/10/04	442.42	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/2/05	447.55	<50	<50	<0.5	<0.5	<0.5	<0.5	14	--	--	--	--	--	--	--	--	--	--
	5/27/05	446.01	<50	<50	<0.5	<0.5	<0.5	<0.5	9.6	--	--	--	--	--	--	--	--	--	--
	7/21/05	443.90	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	10/10/05	442.30	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/9/06	446.61	<50	<50	<0.5	<0.5	<0.5	<0.5	0.86	<0.5	<5.0	<0.5	<5.0	0.86	<50	<500	<5.0	<5.0	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-4A	3/13/06	445.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.70	<50	<500	<0.5	<0.5	--
	4/7/06	448.77	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<5.0	1.1	<50	<500	<0.5	<0.5	--
	7/28/06	442.09	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	3.0	--	--	--	--	--
	10/13/06	441.06	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	2.0	<50	<500	--	--	--
	1/4/07	443.44	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.79	<50	<500	<0.5	<0.5	--
	4/16/07	441.18	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.51	<50	<500	<0.5	<0.5	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	439.30	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	440.71	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.32	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/7/11	436.16	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	441.53	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/7/11	441.56	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/12	437.69	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	8/28/12	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/13/13	442.58	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	440.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/13	441.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/14	**440.96**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-5**	11/14/01	429.71	<50	<66	<0.5	<0.5	<0.5	<0.5	8.2	--	--	--	--	--	--	--	--	--	--
	5/7/02	436.75	140	<50	<0.5	<0.5	<0.5	<0.5	110	--	--	--	--	--	--	--	--	--	--
	9/11/02	436.66	<50	--	<0.5	<0.5	<0.5	<0.5	6.3	--	--	--	--	--	--	--	--	--	--
	12/1/02	435.15	73	<50	<0.5	<0.5	<0.5	<0.5	160	--	--	--	--	--	--	--	--	--	--
	3/14/03	440.39	110	<50	<0.5	<0.5	<0.5	<0.5	170	--	--	--	--	--	--	--	--	--	--
	6/25/03	440.64	<50	<50	<0.5	<0.5	<0.5	<0.5	89	--	--	--	--	--	--	--	--	--	--
	9/16/03	437.82	630	<50	<0.5	3.50	<0.5	2.6	1,500	--	--	--	--	--	--	--	--	--	--
	12/22/03	440.97	<0.5	<50	<0.5	<0.5	<0.5	<0.5	630	--	--	--	--	--	--	--	--	--	--
	3/10/04	445.43	57	<50	<0.5	<0.5	<0.5	<0.5	1,100	--	--	--	--	--	--	--	--	--	--
	6/15/04	440.45	<50	<50	<0.5	<0.5	<0.5	<0.5	750	--	--	--	--	--	--	--	--	--	--
	9/17/04	436.97	<50	<50	<0.5	<0.5	<0.5	<0.5	780	--	--	--	--	--	--	--	--	--	--
	12/10/04	440.72	<50	<50	<0.5	<0.5	<0.5	<0.5	120	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-5** cont.	3/2/05	446.09	<50	<50	<0.5	<0.5	<0.5	<0.5	320	--	--	--	--	--	--	--	--	--	--
	5/27/05	444.50	<50	<50	<0.5	<0.5	<0.5	<0.5	120	--	--	--	--	--	--	--	--	--	--
	7/21/05	442.10	<50	--	<0.5	<0.5	<0.5	<0.5	97	--	--	--	--	--	--	--	--	--	--
	10/10/05	441.30	<50	--	<0.5	<0.5	<0.5	<0.5	41	--	--	--	--	--	--	--	--	--	--
	1/9/06	445.12	<50	<50	<0.5	<0.5	<0.5	<0.5	37	<0.5	<5.0	<0.5	<5.0	<5.0	<50	<500	<0.5	<0.5	--
MW-5A	3/13/06	444.48	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/7/06	447.29	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/28/06	440.24	<50	62	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/13/06	439.06	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	6.3	<0.5	<0.5	0.61	<50	<500	--	--	--
	1/4/07	442.11	<50	320	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/16/07	439.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	430.61	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.3	<50	<500	<0.5	<0.5	--
	4/18/08	436.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	464.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	435.87	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	440.07	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/19/11	440.12	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/7/11	436.16	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	440.02	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/7/11	440.14	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/12	436.25	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	8/29/12	433.54	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	3/13/13	441.26	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	438.49	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	431.34	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/5/13	435.82	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**439.51**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-5B	3/13/06	444.46	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.69	<50	<500	<0.5	<0.5	--
	4/7/06	447.15	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.98	<50	<500	<0.5	<0.5	--
	7/28/06	440.50	<50	<50	<0.5	<0.5	<0.5	<0.5	6.8	<0.5	6.3	<0.5	<0.5	0.61	--	--	--	--	--
	10/13/06	439.42	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	3.6	<50	<500	--	--	--
	1/4/07	442.15	<50	89	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	1.3	<50	<500	<0.5	<0.5	--
	4/16/07	439.26	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	1.5	<50	<500	<0.5	<0.5	--
	7/17/07	428.09	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	1.4	--	--	--	--	--
	10/29/07	416.69	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	2/1/08	431.34	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.9	<50	<500	<0.5	<0.5	--
	4/18/08	435.82	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.5	<50	<500	<0.5	<0.5	--
	7/29/08	419.83	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	11/18/08	412.94	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.2	<50	<500	<0.5	<0.5	--
	2/4/09	416.96	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/22/09	427.59	<50	--	<0.5	<0.5	<0.5	<0.5	48	--	--	--	--	--	--	--	--	--	--
	9/24/09	424.86	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.3	<50	<500	<0.5	<0.5	--
	3/4/10	435.62	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/10	439.19	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/19/11	440.07	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/6/11	444.66	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	440.09	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/7/11	440.19	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/1/12	430.63	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/12/12	435.94	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	8/29/12	433.37	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	3/13/13	441.17	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	438.38	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	445.48	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/5/13	440.82	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**439.43**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-6	11/14/01	430.25	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	5/7/02	437.12	<50	<67	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/11/02	437.10	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/1/02	435.36	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--
	3/14/03	440.67	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	6/25/03	441.05	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	9/16/03	438.36	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/22/03	441.54	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/10/04	445.48	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/15/04	440.82	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/17/04	437.57	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/10/04	441.04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/2/05	446.09	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	5/27/05	444.56	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/21/05	442.53	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	10/10/05	441.92	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/9/06	445.14	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	0.86	<50	<500	<0.5	<0.5	--
	4/6/06	447.13	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<5.0	<0.5	<50	<500	<0.5	<0.5	--
	7/28/06	440.68	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/13/06	439.77	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	--	--	--
	1/4/07	442.10	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/16/07	439.73	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	431.08	<50	<50	<0.5	<0.5	<0.5	0.91	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/18/08	435.93	<50	<50	<0.5	<0.5	<0.5	0.91	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/22/09	425.42	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/24/09	425.87	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	3/4/10	438.11	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/20	439.48	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/19/11	440.13	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/6/11	442.37	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	440.37	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/7/11	441.13	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/1/12	430.70	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/12/12	436.51	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	8/29/12	433.96	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-6 cont.	3/13/13	441.41	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	438.83	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	438.27	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/6/13	439.92	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**439.82**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-7A	3/13/06	445.85	6,200	1,800	140	21	200	560	6,900	<100	4,400	<100	<100	6,300	<10,000	<100,000	<100	<100	--
	4/7/06	448.71	5,300	1,700	130	26	330	420	5,900	<100	7,500	<100	<100	6,600	<10,000	<100,000	<100	<100	--
	7/28/06	441.92	2,200	470	28	18	60	0.85	240	<25	4,700	<25	<25	240	--	--	--	--	--
	10/12/06	440.82	6,500	2,400	83	38	300	160	980	<17	4,700	<10	<17	1200	<1,700	<17,000	--	--	--
***	11/21/06	NC	1,400	--	25	17	65	<0.5	45	<10	1,400	<10	<10	42	<1,000	<10,000	<10	<10	--
	1/4/07	443.52	1,000	440	12	18	48	8.3	75	<5.0	1,100	<5.0	<5.0	73	<500	<5,000	<5.0	<5.0	--
	4/16/07	441.27	520	470	17	5.6	2.6	0.88	140	<12	2,500	<12	<12	170	<1,200	<12,000	<12	<12	--
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	439.02	83	--	<0.5	0.81	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/10	440.54	680	--	<0.5	10	4.9	4.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.72	580	310	<0.5	7.3	7.2	1.5	<5.0	<2.5	490	<2.5	<2.5	5.8	--	--	<2.5	<2.5	--
	4/11/11	445.97	140	<50	<0.5	1.7	<0.5	<0.5	<5.0	<2.5	540	<2.5	<2.5	5.8	--	--	<2.5	<2.5	<0.2
	4/18/11	445.73	91	90	<0.5	0.94	<0.5	<0.5	8.5	400	400	<2.5	<2.5	5.8	--	--	<2.5	<2.5	<0.2
	5/9/11	444.17	<50	69	<0.5	<0.5	<0.5	<0.5	<5.0	<1.7	350	<1.7	<1.7	5.9	--	--	<1.7	<1.7	<0.2
	6/1/11	444.31	58	77	<0.5	0.76	0.79	0.97	5.2	<1.7	250	<1.7	<1.7	5.5	--	--	<1.7	<1.7	<0.2
	6/15/11	443.87	<50	80	<0.5	<0.5	<0.5	<0.5	<5.0	<1.0	190	<1.0	<1.0	3.8	--	--	<1.0	<1.0	<0.2
	6/30/11	443.45	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	81	<0.5	<0.5	2.5	--	--	<0.5	<0.5	<0.2
	9/19/11	441.36	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	4.4	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	11/7/11	441.87	<50	<50	<0.5	0.64	<0.5	<0.5	<5.0	<0.5	3.3	<0.5	<0.5	0.67	--	--	<0.5	<0.5	--
	2/1/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/13/12	437.39	390	1,200	<0.5	9.9	<0.5	<0.5	<5.0	<0.5	4.6	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	8/29/12	NC	NS	NS	not sampled - well dry				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/13	442.46	79	130	<0.5	1.3	<0.5	<0.5	<5.0	<0.5	130	<0.5	<0.5	0.97	--	--	<0.5	<0.5	--
	6/25/13	440.23	200	72	<0.5	7.2	<0.5	<0.5	0.66	<0.5	25	<0.5	<0.5	0.97	--	--	<0.5	<0.5	<0.2
	7/22/13	NC	<50	<50	<0.5	0.96	<0.5	<0.5	<5.0	<0.5	7.9	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.2
	8/26/13	440.32	270	100	<0.5	5.5	3.8	<0.5	<5.0	<0.5	32	<0.5	<0.5	1.1	--	--	<0.5	<0.5	<0.2
	12/6/13	441.06	<50	68	<0.5	1.4	<0.5	<0.5	<5.0	<0.5	160	<0.5	<0.5	0.66	--	--	<0.5	<0.5	<0.2
	3/8/14	**440.76**	**63**	**51**	**<0.5**	**1.4**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**54**	**<0.5**	**<0.5**	**0.62**	**--**	**--**	**<0.5**	**<0.5**	**<0.2**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-7B	3/13/06	445.64	230	<50	1.8	4.7	<0.5	2.2	1,500	<50	7,300	<50	<50	1,300	<5,000	<50,000	<50	<50	--
	4/7/06	448.54	81	<50	1.9	1.6	1.1	0.58	1,000	<50	9,200	<50	<50	930	<5,000	<50,000	<50	<50	--
	7/28/06	441.67	150	<50	<0.5	1.9	<0.5	<0.5	1,500	<50	16,000	<50	<50	1,900	--	--	--	--	--
	10/12/06	440.65	110	<50	<0.5	1.3	<0.5	<0.5	900	<17	15,000	<17	<17	860	<1700	<17,000	--	--	--
***	11/21/06	NC	61	--	<0.5	0.76	<0.5	<0.5	740	<50	10,000	<50	<50	680	<5,000	<50,000	<50	<50	--
	1/4/07	443.21	91	<50	<0.5	2.1	<0.5	<0.5	200	<50	11,000	<50	<50	180	<5,000	<50,000	<50	<50	--
	4/16/07	440.98	94	<50	<0.5	2.6	<0.5	<0.5	35	<50	10,000	<50	<50	<50	<5,000	<50,000	<50	<50	--
	7/17/07	428.99	<50	<50	0.61	0.63	<0.5	<0.5	13	<17	4,000	<17	<17	<17	--	--	--	--	--
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	431.55	420	<50	0.77	17	<0.5	0.97	45	<25	4,000	<25	<25	49	<2,500	<25,000	<25	<25	--
	4/18/08	436.87	650	100	3.4	15	8.3	<0.5	150	<25	3,800	<25	<25	140	<2,500	<25,000	<25	<25	--
	7/28/08	420.47	<50	<50	<0.5	0.56	<0.5	<0.5	17	<5.0	760	<5.0	<5.0	22	<500	<5,000	<5.0	<5.0	--
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	418.74	620	--	<0.5	23	<0.5	2.7	<5.0	--	--	--	--	--	--	--	--	--	--
	4/21/09	428.56	170	--	2.1	5.8	<0.5	0.78	190	--	--	--	--	--	--	--	--	--	--
	9/24/09	426.13	<50	--	<0.5	1.8	<0.5	<0.5	210	<5.0	470	<5.0	<5.0	220	<500	<5,000	<5.0	<5.0	--
	3/4/10	436.76	140	--	<0.5	2.1	<0.5	<0.5	25	--	--	--	--	--	--	--	--	--	--
	7/19/10	440.34	74	--	<0.5	1.3	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.24	190	69	<0.5	4.1	<0.5	<0.5	<5.0	<25.0	4,400	<25.0	<25.0	<25.0	--	--	<25.0	<25.0	--
	4/11/11	443.61	110	<50	<0.5	2.7	<0.5	<0.5	<5.0	<17	2,900	<17	<17	<17	--	--	<17	<17	<0.2
	4/18/11	445.64	160	<50	<0.5	4.3	<0.5	0.6	<5.0	<17	3,300	<17	<17	<17	--	--	<17	<17	<0.2
	5/9/11	444.99	79	<50	<0.5	2.0	<0.5	<0.5	<5.0	<17	3,000	<17	<17	<17	--	--	<17	<17	<0.2
	6/1/11	444.14	72	<50	<0.5	1.9	<0.5	<0.5	<5.0	<50	3,100	<50	<50	<50	--	--	<50	<50	<0.2
	6/15/11	443.94	100	<50	<0.5	2.2	<0.5	<0.5	<5.0	<50	2,700	<50	<50	<50	--	--	<50	<50	<0.2
	6/30/11	443.74	100	<50	<0.5	2.4	<0.5	<0.5	<5.0	<25	2,900	<25	<25	<25	--	--	<25	<25	<0.2
	9/19/11	441.29	<50	56	<0.5	1.1	<0.5	<0.5	<5.0	<17	3,300	<17	<17	<17	--	--	<17	<17	--
	11/8/11	465.39	98	<50	<0.5	2.6	<0.5	<0.5	<5.0	<12	1,600	<12	<12	<12	--	--	<12	<12	--
	2/2/12	431.48	74	<50	<0.5	1.8	<0.5	<0.5	<5.0	<12	1,800	<12	<12	<12	--	--	<12	<12	--
	6/13/12	437.25	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<12	2,400	<12	<12	<12	--	--	<12	<12	--
	8/29/12	434.72	<50	<50	<0.5	0.73	<0.5	<0.5	<5.0	<12	2,000	<12	<12	<12	--	--	<12	<12	<0.2
	3/14/13	442.34	<50	<50	<0.5	1.60	<0.5	<0.5	<5.0	<17	1,700	<17	<17	<17	--	--	<17	<17	--
	6/25/13	439.69	<50	<50	<0.5	1.3	<0.5	<0.5	<5.0	<17	2,200	<17	<17	<17	--	--	<17	<17	<0.2
	7/22/13	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	740	<5.0	<5.0	<5.0	--	--	<5.0	<5.0	<0.2
	8/26/13	439.13	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<10	1,700	<10	<10	<10	--	--	<10	<10	<0.2
	12/6/13	440.88	<50	<50	<0.5	1.1	<0.5	<0.5	<5.0	<12	1,700	<12	<12	<12	--	--	<12	<12	<0.2
	3/8/14	**440.74**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<10**	**1,600**	**<10**	**<10**	**<10**	**--**	**--**	**<10**	**<10**	**<0.2**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-7C	3/13/06	445.34	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	0.60	<50	<500	<0.5	<0.5	--
	4/7/06	448.21	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/28/06	441.24	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/13/06	440.65	89	<50	<0.5	1.4	<0.5	<0.5	900	<17	12,000	<17	<17	820	<1700	<17,000	--	--	--
***	11/21/06	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	24	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	1/4/07	442.86	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	24	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/16/07	440.66	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/17/07	428.69	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	--	--	--	--	--
	10/29/07	417.14	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	2/1/08	431.39	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	4/18/08	436.64	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	7/28/08	420.39	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	11/18/08	415.77	97	<50	<0.5	<0.5	<0.5	<0.5	<90	<1.0	<4.0	<1.0	<1.0	<1.0	<100	<1,000	<1.0	<1.0	--
	2/4/09	417.50	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/22/09	428.41	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/24/09	425.90	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	3/4/10	438.73	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/19/10	440.01	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	440.89	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/7/11	445.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/20/11	441.89	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	11/8/11	440.99	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	2/2/12	431.25	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	6/13/12	436.85	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	8/30/12	434.32	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	3/14/13	442.05	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	439.39	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	438.75	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/6/13	440.48	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**440.35**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-8A	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	67	<50	<0.5	2.6	<0.5	1.6	<5.0	<0.5	<2.0	<0.5	<0.5	4.9	<50	<500	<0.5	<0.5	--
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/7/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	5.3	--	--	--	--	--	--	--	--	--	--
	11/7/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/2/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	9.7	--	--	--	--	--	--	--	--	--	--
	6/12/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-8A cont.	8/29/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	3.0	--	--	--	--	--
	3/14/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/5/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**NC**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-8B	7/28/08	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	2.5	<50	<500	<0.5	<0.5	--
	11/18/08	NC	<50	120	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	5.1	<50	<500	<0.5	<0.5	--
	2/4/09	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/22/09	NC	50	--	<0.5	<0.5	<0.5	<0.5	1300	--	--	--	--	--	--	--	--	--	--
	9/24/09	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	<50	<500	<0.5	<0.5	--
	3/4/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/7/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	9/19/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	11/7/11	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	2/2/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/13/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	8/30/12	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	--	--	--
	3/14/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/5/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**NC**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-9A	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	74	<0.5	<0.5	1.1	<50	<500	<0.5	<0.5	--
	4/7/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	65	<0.5	<0.5	0.74	--	--	<0.5	<0.5	--
	9/19/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	120	<0.5	<0.5	1.6	--	--	<0.5	<0.5	--
	11/7/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	2.9	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	2/1/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<1.0	200	<1.0	<1.0	1.2	--	--	<1.0	<1.0	--
	6/12/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	8/30/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--
	3/13/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/6/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/6/14	**NC**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
MW-9B	7/29/08	NC	<50	63	<0.5	<0.5	<0.5	<0.5	100	<10	2,800	<10	<10	160	<1,000	<10,000	<10	<10	--
	11/18/08	NC	<50	1,000	<0.5	<0.5	<0.5	<0.5	7.0	<0.5	4.6	<0.5	<0.5	7.5	<50	<500	<0.5	<0.5	--
	2/4/09	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	4/22/09	NC	<50	--	<0.5	<0.5	<0.5	<0.5	470	--	--	--	--	--	--	--	--	--	--
	9/24/09	NC	<50	--	<0.5	<0.5	<0.5	<0.5	5.4	<0.5	<2.0	<0.5	<0.5	7.2	<50	<500	<0.5	<0.5	--
	3/4/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/20/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	8.9	<0.5	<0.5	0.65	<50	<500	<0.5	<0.5	--
	4/7/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	22	<0.5	<0.5	1.2	--	--	<0.5	<0.5	--
	9/19/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.2	--	--	<0.5	<0.5	--
	11/7/11	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.7	--	--	<0.5	<0.5	--
	2/1/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	89	<0.5	<0.5	3.3	--	--	<0.5	<0.5	--
	6/12/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.6	--	--	<0.5	<0.5	--
	8/30/12	NC	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	0.55	--	--	<0.5	<0.5	--
	3/13/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/26/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	12/6/13	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	3/8/14	**NC**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
EX-1**	11/14/01	431.89	13,000	2,000	180	1,000	330	3,200	2,200	--	--	--	--	--	--	--	--	--	--
	5/7/02	437.72	7,700	560	320	<25	66	150	6,200	--	--	--	--	--	--	--	--	--	--
	9/11/02	NC	2,800	--	32	<13	14	<13	2,500	--	--	--	--	--	--	--	--	--	--
	12/1/02	437.32	3,000	100	81	<0.5	44	<1.0	4,800	--	--	--	--	--	--	--	--	--	--
	3/14/03	442.28	750	50	<0.5	<0.5	7.7	13	1,200	--	--	--	--	--	--	--	--	--	--
	6/25/03	442.89	120	<50	3.2	3.7	4.2	7.6	260	--	--	--	--	--	--	--	--	--	--
	9/16/03	440.65	170	<50	0.5	1.5	<0.5	0.9	1,600	--	--	--	--	--	--	--	--	--	--
	3/10/04	447.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/15/04	442.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/17/04	439.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/10/04	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/2/05	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/27/05	446.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/21/05	443.75	<50	--	<0.5	<0.5	<0.5	<0.5	610	--	--	--	--	--	--	--	--	--	--
	10/10/05	442.57	<50	--	<0.5	<0.5	<0.5	<0.5	31	--	--	--	--	--	--	--	--	--	--
	1/9/06	447.25	580	55	40	25	45	43	4,200	<170	<1,700	<170	<170	5,200	<170,000	<17,000	<170	<170	--

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
EW-1	3/13/06	446.47	210	120	5.0	4.10	7.5	12	3,400	<50	<100	<50	<50	2,300	<5,000	<50,000	<50	<50	--
	4/7/06	449.46	1,900	190	66	170	110	380	7,900	<100	<1000	<100	<100	6,400	<10,000	<100,000	<100	<100	--
	7/27/06	441.60	280	100	7.4	5.5	12	28	8,400	<500	<5,000	<500	<500	12,000	--	--	--	--	--
	10/12/06	441.94	2,100	130	86	19	100	310	2,400	<50	1,400	<50	<50	2,800	<5,000	180,000	--	--	--
	1/4/07	444.00	1,600	150	56	27	110	240	5,000	<50	2,900	<50	<50	4,900	<5,000	<50,000	<50	<50	--
	4/13/07	441.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	NC	4,400	--	460	<25	380	<25	31,000	--	--	--	--	--	--	--	--	--	--
	7/20/10	441.10	400	--	4.4	6.6	1.8	4.4	590	--	--	--	--	--	--	--	--	--	--
	1/20/11	441.87	570	190	21	6.4	14	57	3,500	<50	15,000	<50	<50	3,300	--	--	<50	<50	--
	4/8/11	446.60	410	220	11	4.2	3.1	43	2,400	<50	8,200	<50	<50	3,300	--	--	<50	<50	<0.2
	4/18/11	445.75	200	130	<0.5	1.7	1.1	3.0	4,400	<50	14,000	<50	<50	3,600	--	--	<50	<50	6.1
	5/9/11	445.76	62	<50	1.2	1.4	<0.5	<0.5	520	<25	4,800	<25	<25	390	--	--	<25	<25	<50
	6/2/11	444.93	83	<50	1.3	2.1	<0.5	0.6	180	<100	9,600	<100	<100	240	--	--	<100	<100	<0.2
	6/15/11	444.34	60	<50	<0.5	1.8	<0.5	<0.5	97	<100	6,300	<100	<100	100	--	--	<100	<100	<0.2
	6/30/11	444.04	74	<50	<0.5	2.0	<0.5	<0.5	200	<50	5,700	<50	<50	200	--	--	<50	<50	--
	9/20/11	443.10	63	52	<0.5	2.1	<0.5	<0.5	210	<50	11,000	<50	<50	190	--	--	<50	<50	--
	11/8/11	442.10	78	<50	<0.5	1.8	<0.5	<0.5	76	<50	7,600	<50	<50	97	--	--	<50	<50	--
	2/2/12	432.07	59	57	<0.5	1.1	<0.5	<0.5	270	<500	50,000	<500	<500	<500	--	--	<500	<500	--
	6/13/12	438.07	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<50	13,000	<50	<50	<50	--	--	<50	<50	--
	8/29/12	435.55	<50	<50	<0.5	0.62	<0.5	<0.5	<5.0	<50	8,100	<50	<50	<50	--	--	<50	<50	<0.2
	3/14/13	443.07	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<25	2,500	<25	<25	<25	--	--	<25	<25	<0.2
	6/25/13	440.50	<50	160	<0.5	<0.5	<0.5	<0.5	25	<50	4,400	<50	<50	<50	--	--	<50	<50	19
	7/22/13	NC	<50	55	<0.5	<0.5	<0.5	<0.5	33	<5.0	530	<5.0	<5.0	29	--	--	<5.0	<5.0	6.7
	8/24/13	439.93	<50	72	<0.5	<0.5	<0.5	<0.5	43	<50	4,500	<50	<50	35	--	--	<50	<50	1.6
	12/6/13	441.70	<50	<50	<0.5	<0.5	<0.5	<0.5	17	<50	6,200	<50	<50	<50	--	--	<50	<50	<0.4
	3/7/14	**441.47**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**10**	**<25**	**2,700**	**<25**	**<25**	**<25**	**--**	**--**	**<25**	**<25**	**<0.2**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
EW-2	3/13/06	446.81	<250	69	<2.5	<2.5	<2.5	<2.5	5,400	<100	<1,000	<100	<100	5,100	<10,000	<100,000	<100	<100	--
	4/7/06	449.79	470	160	15	2.5	24	13	2,000	<50	<500	<50	<50	1,800	<5,000	<50,000	<50	<50	--
	7/27/06	442.89	260	350	2.2	1.7	6.1	3.0	8,700	<500	<5,000	<500	<500	12,000	--	--	--	--	--
	10/12/06	444.51	110	<50	2.0	1.0	3.1	3.9	620	<12	<120	<12	<12	680	<1,200	<12,000	--	--	--
	1/4/07	444.33	<500	<50	5.3	<5.0	16	7.1	4,500	<50	<500	<50	<50	4,200	<5,000	<50,000	<50	<50	--
	4/13/07	442.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/16/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/07	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/1/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/18/08	437.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/28/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	NC	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	7/20/10	441.54	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	1/21/11	442.27	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	2.8	<0.5	<0.5	2.1	--	--	<0.5	<0.5	--
	4/11/11	446.99	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	2.1	<0.5	<0.5	0.65	--	--	<0.5	<0.5	0.65
	4/18/11	446.80	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	0.7	--	--	<0.5	<0.5	0.51
	5/9/11	446.32	<50	<50	<0.5	<0.5	<0.5	<0.5	15	<0.5	2.8	<0.5	<0.5	12	--	--	<0.5	<0.5	0.7
	6/2/11	445.28	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	12	<0.5	<0.5	6.2	--	--	<0.5	<0.5	14
	6/15/11	444.99	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	2.3	--	--	<0.5	<0.5	5.4
	6/30/11	444.68	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	2.4	--	--	<0.5	<0.5	2.3
	9/20/11	441.44	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.3	--	--	<0.5	<0.5	--
	11/8/11	442.39	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<2.0	<0.5	<0.5	1.0	--	--	<0.5	<0.5	--
	2/2/12	432.33	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	490	<5.0	<5.0	<5.0	--	--	<5.0	<5.0	--
	6/13/12	438.35	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	0.89	--	--	<5.0	<5.0	--
	8/28/12	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/13	443.41	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--
	6/25/13	439.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/24/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/13	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/7/14	**NC**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 2
Groundwater Analytical Results
160 Holmes Street, Livermore, California

Well ID	Date Collected	Groundwater Elevation (feet above MSL)	Total Petroleum Hydrocarbons (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)		Hexavalent Chromium (µg/L)
			Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	Ethanol	Methanol	EDB	1,2-DCA	
EW-3 [a]	11/18/08	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/4/09	NC	<10,000	--	<100	<100	<100	<100	420,000	--	--	--	--	--	--	--	--	--	--
	4/21/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/24/09	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/4/10	NC	140,000	--	240	900	320	28,000	340,000	--	--	--	--	--	--	--	--	--	--
	7/20/10	NC	23,000	--	240	940	760	3,100	150,000	--	--	--	--	--	--	--	--	--	--
	1/21/11	NC	15,000	5,200	230	93	1,100	1,900	150,000	<2,500	72,000	<2,500	<2,500	150,000	--	--	<2,500	<2,500	--
	4/11/11	NC	8,400	590	110	37	690	820	68,000	<2,500	67,000	<2,500	<2,500	79,000	--	--	<2,500	<2,500	<0.2
	4/18/11	NC	7,300	1,300	81	100	350	870	85,000	<1,700	50,000	<1,700	<1,700	72,000	--	--	<1,700	<1,700	0.35
	5/9/11	NC	5,400	2,200	56	<50	160	350	79,000	<1,000	40,000	<1,000	<1,000	62,000	--	--	<1,000	<1,000	7.0
	6/1/11	NC	4,800	3,700	53	<25	170	300	50,000	<1,000	43,000	<1,000	<1,000	76,000	--	--	<1,000	<1,000	160
	6/15/11	NC	8,200	2,200	66	<50	270	360	93,000	<2,500	47,000	<2,500	<2,500	85,000	--	--	<2,500	<2,500	180
	6/30/11	NC	8,000	1,900	64	<50	260	260	100,000	<2,500	51,000	<2,500	<2,500	100,000	--	--	<2,500	<2,500	110
	9/20/11	NC	<5,000"	1,700	<50"	64	74	100	80,000	<2,500	91,000	<2,500	<2,500	78,000	--	--	<2,500	<2,500	--
	11/8/11	NC	<6,000"	860	<50"	<50	60	130	82,000	<2,500	49,000	<2,500	<2,500	67,000	--	--	<2,500	<2,500	--
	2/2/12	NC	1,600	510	<5.0"	13	10	35	24,000	<500	62,000	<500	<500	26,000	--	--	<500	<500	--
	6/13/12	NC	490	870	<0.5	2.3	3.0	7.9	8,600	<250	66,000	<250	<250	9,300	--	--	<250	<250	--
	8/30/12	NC	430	580	<1.7	<1.7	5.7	20	3,900	<500	82,000	<500	<500	3,900	--	--	<500	<500	--
	3/14/13	NC	<1000	500	<10	<10	<10	<10	6,300	<500	130,000	<500	<500	6,200	--	--	<500	<500	<0.2
	6/25/13	NC	140	1,600	<0.5	0.8	2.6	4.4	<10	<1.0	130	<1.0	<1.0	9.0	--	--	<1.0	<1.0	44
	7/22/13	NC	410	480	1.0	0.68	<0.5	14	1,500	<50	7,100	<50	<50	1,400	--	--	<50	<50	24
	8/24/13	NC	510	370	2.0	1.1	1.6	15	4,100	<100	16,000	<100	<100	4,300	--	--	<100	<100	18
	12/6/13	NC	760	460	<5.0	<5.0	<5.0	13	5,100	<125	25,000	<125	<125	5,900	--	--	<125	<125	<4.0
	3/7/14	**NC**	**820**	**480**	**4.6**	**4.6**	**3.0**	**19**	**8,800**	**<250**	**37,000**	**<250**	**<250**	**8,900**	**--**	**--**	**<250**	**<250**	**<1.0**
EW-3B [b]	3/14/13	NC	58	110	<0.5	0.64	<0.5	<0.5	13	<50	14,000	<50	<50	<50	--	--	<50	<50	<0.2
	6/25/13	NC	120	180	<0.5	1.1	<0.5	<0.5	<30	<250	27,000	<250	<250	<250	--	--	<250	<250	21
	7/22/13	NC	80	140	0.59	0.54	0.88	1.0	24	<100	15,000	<100	<100	<100	--	--	<100	<100	25
	8/24/13	NC	84	110	0.87	0.69	0.66	1.8	22	<100	16,000	<100	<100	<100	--	--	<100	<100	19
	12/6/13	NC	180	250	1.6	1.3	2.3	3.5	23	<250	38,000	<250	<250	<250	--	--	<250	<250	<4.0
	3/7/14	**NC**	**140**	**210**	**1.5**	**1.2**	**1.5**	**4.4**	**16**	**<250**	**36,000**	**<250**	**<250**	**<250**	**--**	**--**	**<250**	**<250**	**<1.0**

Notes:
Samples analyzed for TPHg and TPHd by EPA Method 8015Bm, BTEX by EPA Method 8021B, MTBE by EPA Method 8021B and/or 8260B, fuel oxygenates and lead scavengers by EPA Method 8260, and hexavalent chromium by EPA Method E200.8.

µg/L = micrograms per liter
NC = Not Calculated
NS = Not Sampled
-- = Not Analyzed
EDB = 1,2-Dibromoether
1,2-DCA = 1,2-Dichloroethane
MTBE = Methyl tertiary butyl ether
DIPE =Di-isoprpopyl Ether
ETBE = Ethyl tert-Butyl Ether
TAME - tert-Amyl Methyl Ether
TBA = tert-Butanol

" = High concentrations of MTBE resulted in high reporting limits, both TPHg and benzene were estimated just below listed reporting limits by laboratory.
* = Well MW-1 renamed MW-1A, well MW-2 renamed MW-2A, Well MW-3 renamed MW-3A in February 2006.
** = Well destroyed in February 2006.
*** = Anomalous data observed in MW-7C on October 12, 2006. Therefore, MW-7A/B/C were resampled on November 21, 2006.
(a) = Well EW-3 is 35 feet deep with a screen interval from 25 to 30 feet bgs.
(b) = Well EW-3B is 39 feet deep with a screen interval from 24 to 39 feet bgs.

APPENDIX A
Groundwater Monitoring Field Protocol

Appendix A

Groundwater Monitoring Protocol

Well Monitoring and Sample Collection

A Teflon bailer or submersible pump was used to purge a minimum of three well volumes of groundwater from each well. After each well volume is purged, field parameters such as pH, temperature, and conductivity are recorded. Wells are purged until field parameters have stabilized or a maximum of ten (10) well volumes of groundwater have been removed. When possible, purge rates will not exceed the recharge rate for the well. However, if the well yield is low and the well was dewatered, the well is allowed to recharge to 80% of its original volume prior to sample collection. Field parameter measurements and pertinent qualitative observations, such as groundwater color and odor, are recorded in Groundwater Sampling Field Logs. Groundwater samples are collected in appropriate bottles and stored on ice for delivery, under chain-of-custody documentation, to a state-certified laboratory for analysis.

Equipment Decontamination

All drilling, sampling, and well development equipment was cleaned in a solution of laboratory grade detergent and distilled water or steam cleaned before use at each sampling point.

Field Personnel

During groundwater sampling activities, sampling personnel will wear pertinent attire to minimize risks to health and safety. Field personnel will also use a pair of clean, powderless, surgical gloves for each successive sampling point. Used surgical gloves will be placed into waste barrels for future disposal.

Waste Disposal

Water generated during well purging and sampling activities will be placed into DOT-approved 55-gallon waste drums. Waste drums will be temporarily stored on-site pending proper disposal of wastewater to an approved transport, storage, and disposal (TSD) facility.

APPENDIX B
Groundwater Sampling Field Logs

ALTERRA

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14
Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-1A** | Monitoring Well Diameter (in): **2"** | CC
Depth to Water (ft): 23.79 | Water Column (feet): 4.01 | (.17) = .68
Total Depth (ft): **28.50** | 80% Recharge Depth (ft):
Depth to Product (ft): | 1 Well Volume (gallons): .68(3) = 2.05
Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
8:10	24.49	1	3.69m	18.9			7.51	mild	clear	none
		2	3.87m	19.2			7.48	moderate	dark grey	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-1A** | Sample Time: 8:15
Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**
Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14
Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-1B** | Monitoring Well Diameter (in): **2"** | CC
Depth to Water (ft): 23.53 | Water Column (feet): 30.97 | (.17) = 5.26
Total Depth (ft): **54.50** | 80% Recharge Depth (ft):
Depth to Product (ft): 30.77 | 1 Well Volume (gallons): 5.26(3)=15.74
Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
9:00	23.53	5	689	18.8			7.41	none	clear	none
		10	693	18.8			7.33	↓	↓	↓
		13	685	18.7			7.28	↓	↓	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-1B** | Sample Time: 9:05
Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**
Comments:

ALLTERRA

Groundwater Sampling Field Log

Site Address: **160 Holmes**	Date: 3/8/14
Project Number: **160**	Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-2A**	Monitoring Well Diameter (in): **2"** CC
Depth to Water (ft): 23.39	Water Column (feet): 5.01 (.17) = .85
Total Depth (ft): **28.40**	80% Recharge Depth (ft):
Depth to Product (ft):	1 Well Volume (gallons): .85(3) = 2.56
Comments:	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
9:45	23.39	1	1018	20.1	6.80	NONE	lt. brown	NONE
		2.5	1004	19.9	6.74	↓	↓	↓

Total Purge Volume: Comments:

Groundwater Sampling Information

Sample ID: **MW-2A**	Sample Time: 9:50
Sample Containers (#/Type): **(3) VOA HCL**	
Comments:	

Groundwater Sampling Field Log

Site Address: **160 Holmes**	Date: 3/7/14
Project Number: **160**	Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-3A**	Monitoring Well Diameter (in): **2"** CC
Depth to Water (ft): 24.01	Water Column (feet): 12.19 (.17) = 2.07
Total Depth (ft): **28.20**	80% Recharge Depth (ft):
Depth to Product (ft):	1 Well Volume (gallons): 2.07(3) = 6.22
Comments:	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:30	24.01	3	806	20.0	7.03	NONE	brown	NONE
		6	783	19.9	6.85	NONE	brown	NONE

Total Purge Volume: Comments:

Groundwater Sampling Information

Sample ID: **MW-3A**	Sample Time: 11:35
Sample Containers (#/Type): **(3) VOA HCL**	
Comments:	

ALLTERRA

Groundwater Sampling Field Log

Site Address: **160 Holmes**	Date: 3/8/14
Project Number: **160**	Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-4A**	Monitoring Well Diameter (in): **2"** CC
Depth to Water (ft): 24.00	Water Column (feet): 4.8 (.17) = .816
Total Depth (ft): **28.80**	80% Recharge Depth (ft):
Depth to Product (ft):	1 Well Volume (gallons): .816(3) = 2.45
Comments:	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
10:20	24.00	1	846	19.9	6.89	NONE	brown	none
		2	821	19.5	6.81	NONE	↓	↓

Total Purge Volume: | Comments: NOT SAMPLED

Groundwater Sampling Information

Sample ID: **MW-4A**	Sample Time: 10:15
Sample Containers (#/Type): **(3) VOA HCL**	
Comments:	

Groundwater Sampling Field Log

Site Address: **160 Holmes**	Date: 3/8/14
Project Number: **160**	Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-5A**	Monitoring Well Diameter (in): **2"** CC
Depth to Water (ft): 25.13	Water Column (feet): 8.87 (.17) = 1.51
Total Depth (ft): **34.00**	80% Recharge Depth (ft):
Depth to Product (ft):	1 Well Volume (gallons): 1.51(3) = 4.52
Comments:	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
3:45	25.13	2	1209	21.2	7.29	NONE	clear	none
		4.5	1222	21.0	7.15	↓	↓	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-5A**	Sample Time: 4:00
Sample Containers (#/Type): **(3) VOA HCL**	
Comments:	

ALTERRA

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-5B** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 25.16 | Water Column (feet): 27.48 | (.17) = 4.67

Total Depth (ft): **52.64** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 4.67(3) = 14.01

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
4:10	25.16	4	735	21.0	7.62	none	clear	none
		8	731	20.9	7.38	↓	↓	↓
		12	734	20.7	7.35			

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-5B** | Sample Time: 4:20

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-6** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 24.31 | Water Column (feet): 22.69 | (.17) = 3.86

Total Depth (ft): **47.00** | 80% Recharge Depth (ft):

Depth to Product (ft): 22.69 | 1 Well Volume (gallons): 3.86(3) = 11.58

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
3:20	24.31	5	1005	19.6	7.01	NONE	brown	NONE
		10	1030	19.4	6.99	NONE	brown	

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-6** | Sample Time: 3:25

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

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Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/13

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-7A** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 24.56 | Water Column (feet): 4.44 | (.17) = .75

Total Depth (ft): **29.00** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): .75(3) = 2.25

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
2:10	24.56	1	1071	20.2	X	X	6.84	NONE	grey	none
		2.5	1040	20.2			6.81	NONE	↓	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-7A** | Sample Time: 2:12 PM

Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**

Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-7B** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 24.65 | Water Column (feet): 23.85 | (.17) = 4.05

Total Depth (ft): **48.50** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 4.05(3) = 12.16

Comments: lots of air. Tried my best to have NO bubbles

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
11:45	24.65	5	966	20.5	/	/	7.06	NONE	clear	NONE
		10	958	20.5			7.04	↓	↓	↓
		12	945	20.7			7.07			

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-7B** | Sample Time: 12:00

Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**

Comments:

ALTERRA

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-7C** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 25.04 | Water Column (feet): 43.46 | (.17) = 7.39

Total Depth (ft): **68.50** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 7.39(3) = 22.16

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
1 45	25 04	5	686	20.0	7.80	NONE	orange	NONE
		10	714	19.5	7.56	↓	↓	↓
		13	709	19.5	7.49			

Total Purge Volume: | Comments: lots of air bubbles tried my best to get them all

Groundwater Sampling Information

Sample ID: **MW-7C** | Sample Time: 1:50

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-8A** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 24.60 | Water Column (feet): 1.09 | (.17) = .19

Total Depth (ft): **35.50** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): .19(3) = .56

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:00	24.6	.5	837	20.4	7.47	NONE	clear	—
11:05			825	20 6	7.10	↓	↓	

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-8A** | Sample Time: 11:05

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

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Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-8B** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 24.37 | Water Column (feet): 26.13 | (.17) = 4.44

Total Depth (ft): **50.50** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 4.44(3) = 13.33

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:10	24.37	5	705	19.8	7.18	NONE	clear	NONE
		10	697	19.8	7.22	↓	↓	↓
		13	701	19.6	7.23			

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-8B** | Sample Time: 11:10

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/6/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-9A** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 23.79 | Water Column (feet): 15.71 | (.17) = 2.67

Total Depth (ft): **39.50** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 2.67(3) = 8.01

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
	23.79	4	655	19.3	8.02	NONE	clear	NONE
		6	685	18.9	7.44	↓	↓	↓
		8	705	19.0	7.41			

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-9A** | Sample Time: 2:35 3/6/14

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

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Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/8/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **MW-9B** | Monitoring Well Diameter (in): **2"** | CC

Depth to Water (ft): 23.90 | Water Column (feet): 27.1 | (.17) = 4.61

Total Depth (ft): **51.00** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 4.61(3) = 13.82

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
2:40	23.90	5	919	19.4	7.16	none	brown	none
		10	915	19.3	6.94	↓	↓	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **MW-9B** | Sample Time: 2:45

Sample Containers (#/Type): **(3) VOA HCL**

Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14

Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **EW-1** | Monitoring Well Diameter (in): **4"** | CC

Depth to Water (ft): 23.98 | Water Column (feet): 15.02 | (.66) = 9.91

Total Depth (ft): **39.00** | 80% Recharge Depth (ft):

Depth to Product (ft): | 1 Well Volume (gallons): 9.91(3) = 29.73

Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
9:30	23.98	6	1159	19.8	X	X	8.09	none	lt. brown	none
		12	1162	19.7			8.17		orange	
		18	1380	19.4			8.37			
		24	1376	19.5			8.38	↓	↓	↓

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **EW-1** | Sample Time: 9:35

Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**

Comments:

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Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14
Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **EW-2** | Monitoring Well Diameter (in): **4"** | CC
Depth to Water (ft): 24 | Water Column (feet): 13 | (.66) = 8.58
Total Depth (ft): **37.00** | 80% Recharge Depth (ft):
Depth to Product (ft): | 1 Well Volume (gallons): 8.58(3) = 25.74
Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature			pH	Turbidity	Color	Odor
11:00	24.00	6	1094	19.5	X	X	6.78	NONE	dark brown	NONE
		12	1050	19.4			6.67	↓	↓	↓
		18	977	19.4			6.66			
		24	980	19.4			6.66			

Total Purge Volume: | Comments: NOT SAMPLED

Groundwater Sampling Information

Sample ID: **EW-2** | Sample Time: 11:10
Sample Containers (#/Type): **(3) VOA HCL**
Comments:

Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14
Project Number: **160** | Field Personnel: LF

Monitoring Well Information

Monitoring Well ID: **EW-3** | Monitoring Well Diameter (in): **4"** | CC
Depth to Water (ft): 23.32 | Water Column (feet): 10.68 | (.66) = 7.05
Total Depth (ft): **34.00** | 80% Recharge Depth (ft):
Depth to Product (ft): | 1 Well Volume (gallons): 21.15
Comments: many small air bubbles - tried forever to get them all out

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
	23.32	2	5710	19.5	X	X	9.61	NONE	dark brown	mild
		4	1050	19.2			9.40	↓	↓	↓
		7	8.44m	19.5			9.52			

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: **EW-3** | Sample Time: 10:30
Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**
Comments:

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Groundwater Sampling Field Log

Site Address: **160 Holmes** | Date: 3/7/14
Project Number: **160** | Field Personnel:

Monitoring Well Information

Monitoring Well ID: **EW-3B** | Monitoring Well Diameter (in): **4"** | CC
Depth to Water (ft): 23.00 | Water Column (feet): 16 | (.66) = 2.72
Total Depth (ft): **39.00** | 80% Recharge Depth (ft):
Depth to Product (ft): | 1 Well Volume (gallons): 2.72(3)=8.16
Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	Dissolved Oxygen	Oxidation Reduction Potential	pH	Turbidity	Color	Odor
10:00	23.00	4	14.99m	19.5	X	X	9.81	NONE	dark brown	NONE
		16	15.04m	19.3			9.65	↓	↓	↓
		8	15.87	19.3			9.70			

Total Purge Volume: | Comments: NOT SAMPLED

Groundwater Sampling Information

Sample ID: **EW-3B** | Sample Time: 10:05
Sample Containers (#/Type): **(5) VOA HCL (1) 250 ml Poly NaB4,Na2CO3,KNCO3**
Comments:

Groundwater Sampling Field Log

Site Address: | Date:
Project Number: | Field Personnel:

Monitoring Well Information

Monitoring Well ID: | Monitoring Well Diameter (in): | CC
Depth to Water (ft): | Water Column (feet):
Total Depth (ft): | 80% Recharge Depth (ft):
Depth to Product (ft): | 1 Well Volume (gallons):
Comments:

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature			pH	Turbidity	Color	Odor

Total Purge Volume: | Comments:

Groundwater Sampling Information

Sample ID: | Sample Time:
Sample Containers (#/Type):
Comments:

APPENDIX C
Certified Analytical Reports and Chains-of-Custody

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1403319

Report Created for: Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060

Project Contact: Aaron Powers
Project P.O.:
Project Name: #160; 160 Holmes

Project Received: 03/11/2014

Analytical Report reviewed & approved for release on 03/18/2014 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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NELAP: 4033ORELAP ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: Allterra Environmental
Project: #160; 160 Holmes
WorkOrder: 1403319

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Matrix interferences, or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix; or sample diluted due to high matrix or analyte content.
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifier

a1	sample diluted due to matrix interference
d1	weakly modified or unmodified gasoline is significant
d6	one to a few isolated non-target peaks present in the TPH(g) chromatogram
e2	diesel range compounds are significant; no recognizable pattern
e4	gasoline range compounds are significant.

Quality Control Qualifiers

F1	MS/MSD recovery was out of acceptance criteria; LCS validated the prep batch.

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	E218.6
Date Received:	3/11/14 14:03	**Analytical Method:**	E218.6
Date Prepared:	3/11/14-3/12/14	**Unit:**	µg/L

Hexachrome by IC

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1A	**1403319-001D**	**Water**	**03/07/2014 08:15**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/11/2014 19:41

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1B	**1403319-002D**	**Water**	**03/07/2014 09:05**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	**1.6**	0.20	1	03/11/2014 20:39

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7A	**1403319-003D**	**Water**	**03/08/2014 12:12**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/11/2014 20:58

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7B	**1403319-004D**	**Water**	**03/08/2014 12:00**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/11/2014 21:17

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-1	**1403319-005D**	**Water**	**03/07/2014 09:35**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/11/2014 21:36

(Cont.)

CDPH ELAP 1644 ♦ NELAP 4033ORELAP TD Analyst's Initial  Angela Rydelius, Lab Manager

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	E218.6
Date Received:	3/11/14 14:03	**Analytical Method:**	E218.6
Date Prepared:	3/11/14-3/12/14	**Unit:**	µg/L

Hexachrome by IC

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3	**1403319-006D**	**Water**	**03/07/2014 10:30**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	1.0	5	03/12/2014 13:54

Analytical Comments: a1

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3B	**1403319-007D**	**Water**	**03/07/2014 10:05**	**IC2**	**88015**

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	1.0	5	03/12/2014 14:13

Analytical Comments: a1

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8260B
Date Prepared:	3/13/14-3/15/14	**Unit:**	µg/L

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1A	**1403319-001C**	**Water**	**03/07/2014 08:15**	**GC16**	**88139**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	50	100	03/15/2014 10:37
t-Butyl alcohol (TBA)	**6800**	200	100	03/15/2014 10:37
1,2-Dibromoethane (EDB)	ND	50	100	03/15/2014 10:37
1,2-Dichloroethane (1,2-DCA)	ND	50	100	03/15/2014 10:37
Diisopropyl ether (DIPE)	ND	50	100	03/15/2014 10:37
Ethyl tert-butyl ether (ETBE)	ND	50	100	03/15/2014 10:37
Methyl-t-butyl ether (MTBE)	ND	50	100	03/15/2014 10:37

Surrogates	REC (%)	Limits	
Dibromofluoromethane	110	70-130	03/15/2014 10:37

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1B	**1403319-002C**	**Water**	**03/07/2014 09:05**	**GC10**	**88139**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	03/14/2014 04:27
t-Butyl alcohol (TBA)	ND	2.0	1	03/14/2014 04:27
1,2-Dibromoethane (EDB)	ND	0.50	1	03/14/2014 04:27
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	03/14/2014 04:27
Diisopropyl ether (DIPE)	ND	0.50	1	03/14/2014 04:27
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	03/14/2014 04:27
Methyl-t-butyl ether (MTBE)	ND	0.50	1	03/14/2014 04:27

Surrogates	REC (%)	Limits	
Dibromofluoromethane	100	70-130	03/14/2014 04:27

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7A	**1403319-003C**	**Water**	**03/08/2014 12:12**	**GC10**	**88139**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	03/14/2014 05:08
t-Butyl alcohol (TBA)	**54**	2.0	1	03/14/2014 05:08
1,2-Dibromoethane (EDB)	ND	0.50	1	03/14/2014 05:08
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	03/14/2014 05:08
Diisopropyl ether (DIPE)	ND	0.50	1	03/14/2014 05:08
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	03/14/2014 05:08
Methyl-t-butyl ether (MTBE)	**0.62**	0.50	1	03/14/2014 05:08

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	03/14/2014 05:08

(Cont.)

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8260B
Date Prepared:	3/13/14-3/15/14	**Unit:**	µg/L

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7B	**1403319-004C**	**Water**	**03/08/2014 12:00**	**GC18**	**88123**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	10	20	03/13/2014 00:15
t-Butyl alcohol (TBA)	**1600**	40	20	03/13/2014 00:15
1,2-Dibromoethane (EDB)	ND	10	20	03/13/2014 00:15
1,2-Dichloroethane (1,2-DCA)	ND	10	20	03/13/2014 00:15
Diisopropyl ether (DIPE)	ND	10	20	03/13/2014 00:15
Ethyl tert-butyl ether (ETBE)	ND	10	20	03/13/2014 00:15
Methyl-t-butyl ether (MTBE)	ND	10	20	03/13/2014 00:15

Surrogates	REC (%)	Limits	
Dibromofluoromethane	87	70-130	03/13/2014 00:15

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-1	**1403319-005C**	**Water**	**03/07/2014 09:35**	**GC10**	**88218**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	25	50	03/15/2014 12:02
t-Butyl alcohol (TBA)	**2700**	100	50	03/15/2014 12:02
1,2-Dibromoethane (EDB)	ND	25	50	03/15/2014 12:02
1,2-Dichloroethane (1,2-DCA)	ND	25	50	03/15/2014 12:02
Diisopropyl ether (DIPE)	ND	25	50	03/15/2014 12:02
Ethyl tert-butyl ether (ETBE)	ND	25	50	03/15/2014 12:02
Methyl-t-butyl ether (MTBE)	ND	25	50	03/15/2014 12:02

Surrogates	REC (%)	Limits	
Dibromofluoromethane	97	70-130	03/15/2014 12:02

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3	**1403319-006C**	**Water**	**03/07/2014 10:30**	**GC10**	**88218**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	250	500	03/15/2014 12:43
t-Butyl alcohol (TBA)	**37,000**	1000	500	03/15/2014 12:43
1,2-Dibromoethane (EDB)	ND	250	500	03/15/2014 12:43
1,2-Dichloroethane (1,2-DCA)	ND	250	500	03/15/2014 12:43
Diisopropyl ether (DIPE)	ND	250	500	03/15/2014 12:43
Ethyl tert-butyl ether (ETBE)	ND	250	500	03/15/2014 12:43
Methyl-t-butyl ether (MTBE)	**8900**	250	500	03/15/2014 12:43

Surrogates	REC (%)	Limits	
Dibromofluoromethane	99	70-130	03/15/2014 12:43

(Cont.)

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8260B
Date Prepared:	3/13/14-3/15/14	**Unit:**	µg/L

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3B	**1403319-007C**	**Water**	**03/07/2014 10:05**	**GC10**	**88218**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	250	500	03/15/2014 13:25
t-Butyl alcohol (TBA)	**36,000**	1000	500	03/15/2014 13:25
1,2-Dibromoethane (EDB)	ND	250	500	03/15/2014 13:25
1,2-Dichloroethane (1,2-DCA)	ND	250	500	03/15/2014 13:25
Diisopropyl ether (DIPE)	ND	250	500	03/15/2014 13:25
Ethyl tert-butyl ether (ETBE)	ND	250	500	03/15/2014 13:25
Methyl-t-butyl ether (MTBE)	ND	250	500	03/15/2014 13:25
Surrogates	REC (%)	Limits		
Dibromofluoromethane	99	70-130		03/15/2014 13:25

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1A	**1403319-001A**	**Water**	**03/07/2014 08:15**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**71**	50	1	03/13/2014 04:22
MTBE	ND	5.0	1	03/13/2014 04:22
Benzene	**1.1**	0.50	1	03/13/2014 04:22
Toluene	ND	0.50	1	03/13/2014 04:22
Ethylbenzene	ND	0.50	1	03/13/2014 04:22
Xylenes	ND	0.50	1	03/13/2014 04:22

Surrogates	REC (%)	Limits	Analytical Comments: d1	
aaa-TFT	103	70-130		03/13/2014 04:22

MW-1B	1403319-002A	Water	03/07/2014 09:05	GC3	88111

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/13/2014 04:51
MTBE	ND	5.0	1	03/13/2014 04:51
Benzene	ND	0.50	1	03/13/2014 04:51
Toluene	ND	0.50	1	03/13/2014 04:51
Ethylbenzene	ND	0.50	1	03/13/2014 04:51
Xylenes	ND	0.50	1	03/13/2014 04:51

Surrogates	REC (%)	Limits	
aaa-TFT	105	70-130	03/13/2014 04:51

MW-7A	1403319-003A	Water	03/08/2014 12:12	GC3	88111

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**63**	50	1	03/13/2014 05:20
MTBE	ND	5.0	1	03/13/2014 05:20
Benzene	ND	0.50	1	03/13/2014 05:20
Toluene	**1.4**	0.50	1	03/13/2014 05:20
Ethylbenzene	ND	0.50	1	03/13/2014 05:20
Xylenes	ND	0.50	1	03/13/2014 05:20

Surrogates	REC (%)	Limits	Analytical Comments: d1	
aaa-TFT	105	70-130		03/13/2014 05:20

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7B	**1403319-004A**	**Water**	**03/08/2014 12:00**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 01:00
MTBE	ND	5.0	1	03/14/2014 01:00
Benzene	ND	0.50	1	03/14/2014 01:00
Toluene	ND	0.50	1	03/14/2014 01:00
Ethylbenzene	ND	0.50	1	03/14/2014 01:00
Xylenes	ND	0.50	1	03/14/2014 01:00
Surrogates	REC (%)	Limits		
aaa-TFT	102	70-130		03/14/2014 01:00

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-1	**1403319-005A**	**Water**	**03/07/2014 09:35**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/13/2014 06:48
MTBE	**10**	5.0	1	03/13/2014 06:48
Benzene	ND	0.50	1	03/13/2014 06:48
Toluene	ND	0.50	1	03/13/2014 06:48
Ethylbenzene	ND	0.50	1	03/13/2014 06:48
Xylenes	ND	0.50	1	03/13/2014 06:48
Surrogates	REC (%)	Limits		
aaa-TFT	105	70-130		03/13/2014 06:48

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3	**1403319-006A**	**Water**	**03/07/2014 10:30**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**820**	50	1	03/13/2014 08:15
MTBE	**8800**	1700	330	03/13/2014 22:37
Benzene	**4.6**	0.50	1	03/13/2014 08:15
Toluene	**4.6**	0.50	1	03/13/2014 08:15
Ethylbenzene	**3.0**	0.50	1	03/13/2014 08:15
Xylenes	**19**	0.50	1	03/13/2014 08:15
Surrogates	REC (%)	Limits	Analytical Comments: d1	
aaa-TFT	94	70-130		03/13/2014 08:15

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3B	**1403319-007A**	**Water**	**03/07/2014 10:05**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**140**	50	1	03/14/2014 03:27
MTBE	**16**	5.0	1	03/14/2014 03:27
Benzene	**1.5**	0.50	1	03/14/2014 03:27
Toluene	**1.2**	0.50	1	03/14/2014 03:27
Ethylbenzene	**1.5**	0.50	1	03/14/2014 03:27
Xylenes	**4.4**	0.50	1	03/14/2014 03:27

Surrogates	REC (%)	Limits	Analytical Comments: d1,d6	
aaa-TFT	100	70-130		03/14/2014 03:27

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-2	**1403319-008A**	**Water**	**03/07/2014 11:10**	**GC3**	**88111**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/13/2014 09:14
MTBE	ND	5.0	1	03/13/2014 09:14
Benzene	ND	0.50	1	03/13/2014 09:14
Toluene	ND	0.50	1	03/13/2014 09:14
Ethylbenzene	ND	0.50	1	03/13/2014 09:14
Xylenes	ND	0.50	1	03/13/2014 09:14

Surrogates	REC (%)	Limits	
aaa-TFT	99	70-130	03/13/2014 09:14

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-9A	**1403319-009A**	**Water**	**03/06/2014 14:35**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/13/2014 12:58
MTBE	ND	5.0	1	03/13/2014 12:58
Benzene	ND	0.50	1	03/13/2014 12:58
Toluene	ND	0.50	1	03/13/2014 12:58
Ethylbenzene	ND	0.50	1	03/13/2014 12:58
Xylenes	ND	0.50	1	03/13/2014 12:58

Surrogates	REC (%)	Limits	
aaa-TFT	98	70-130	03/13/2014 12:58

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-9B	**1403319-010A**	**Water**	**03/08/2014 14:45**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 03:56
MTBE	ND	5.0	1	03/14/2014 03:56
Benzene	ND	0.50	1	03/14/2014 03:56
Toluene	ND	0.50	1	03/14/2014 03:56
Ethylbenzene	ND	0.50	1	03/14/2014 03:56
Xylenes	ND	0.50	1	03/14/2014 03:56

Surrogates	REC (%)	Limits	
aaa-TFT	100	70-130	03/14/2014 03:56

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7C	**1403319-011A**	**Water**	**03/08/2014 13:50**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 04:25
MTBE	ND	5.0	1	03/14/2014 04:25
Benzene	ND	0.50	1	03/14/2014 04:25
Toluene	ND	0.50	1	03/14/2014 04:25
Ethylbenzene	ND	0.50	1	03/14/2014 04:25
Xylenes	ND	0.50	1	03/14/2014 04:25

Surrogates	REC (%)	Limits	
aaa-TFT	101	70-130	03/14/2014 04:25

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-8A	**1403319-012A**	**Water**	**03/08/2014 11:05**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 04:54
MTBE	ND	5.0	1	03/14/2014 04:54
Benzene	ND	0.50	1	03/14/2014 04:54
Toluene	ND	0.50	1	03/14/2014 04:54
Ethylbenzene	ND	0.50	1	03/14/2014 04:54
Xylenes	ND	0.50	1	03/14/2014 04:54

Surrogates	REC (%)	Limits	
aaa-TFT	101	70-130	03/14/2014 04:54

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-8B	**1403319-013A**	**Water**	**03/08/2014 11:10**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 05:23
MTBE	ND	5.0	1	03/14/2014 05:23
Benzene	ND	0.50	1	03/14/2014 05:23
Toluene	ND	0.50	1	03/14/2014 05:23
Ethylbenzene	ND	0.50	1	03/14/2014 05:23
Xylenes	ND	0.50	1	03/14/2014 05:23
Surrogates	REC (%)	Limits		
aaa-TFT	102	70-130		03/14/2014 05:23

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-5A	**1403319-014A**	**Water**	**03/08/2014 16:00**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 05:52
MTBE	ND	5.0	1	03/14/2014 05:52
Benzene	ND	0.50	1	03/14/2014 05:52
Toluene	ND	0.50	1	03/14/2014 05:52
Ethylbenzene	ND	0.50	1	03/14/2014 05:52
Xylenes	ND	0.50	1	03/14/2014 05:52
Surrogates	REC (%)	Limits		
aaa-TFT	104	70-130		03/14/2014 05:52

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-5B	**1403319-015A**	**Water**	**03/08/2014 16:20**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 06:22
MTBE	ND	5.0	1	03/14/2014 06:22
Benzene	ND	0.50	1	03/14/2014 06:22
Toluene	ND	0.50	1	03/14/2014 06:22
Ethylbenzene	ND	0.50	1	03/14/2014 06:22
Xylenes	ND	0.50	1	03/14/2014 06:22
Surrogates	REC (%)	Limits		
aaa-TFT	100	70-130		03/14/2014 06:22

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-4A	**1403319-016A**	**Water**	**03/08/2014 10:15**	**GC3**	**88162**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 07:49
MTBE	ND	5.0	1	03/14/2014 07:49
Benzene	ND	0.50	1	03/14/2014 07:49
Toluene	ND	0.50	1	03/14/2014 07:49
Ethylbenzene	ND	0.50	1	03/14/2014 07:49
Xylenes	ND	0.50	1	03/14/2014 07:49
Surrogates	REC (%)	Limits		
aaa-TFT	105	70-130		03/14/2014 07:49

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-2A	**1403319-017A**	**Water**	**03/08/2014 09:50**	**GC3**	**88214**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 13:17
MTBE	ND	5.0	1	03/14/2014 13:17
Benzene	ND	0.50	1	03/14/2014 13:17
Toluene	ND	0.50	1	03/14/2014 13:17
Ethylbenzene	ND	0.50	1	03/14/2014 13:17
Xylenes	ND	0.50	1	03/14/2014 13:17
Surrogates	REC (%)	Limits		
aaa-TFT	99	70-130		03/14/2014 13:17

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-3A	**1403319-018A**	**Water**	**03/07/2014 11:35**	**GC3**	**88214**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 13:47
MTBE	ND	5.0	1	03/14/2014 13:47
Benzene	ND	0.50	1	03/14/2014 13:47
Toluene	ND	0.50	1	03/14/2014 13:47
Ethylbenzene	ND	0.50	1	03/14/2014 13:47
Xylenes	ND	0.50	1	03/14/2014 13:47
Surrogates	REC (%)	Limits		
aaa-TFT	98	70-130		03/14/2014 13:47

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW5030B
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8021B/8015Bm
Date Prepared:	3/13/14-3/14/14	**Unit:**	µg/L

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-6	**1403319-019A**	**Water**	**03/08/2014 15:25**	**GC3**	**88214**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	03/14/2014 14:17
MTBE	ND	5.0	1	03/14/2014 14:17
Benzene	ND	0.50	1	03/14/2014 14:17
Toluene	ND	0.50	1	03/14/2014 14:17
Ethylbenzene	ND	0.50	1	03/14/2014 14:17
Xylenes	ND	0.50	1	03/14/2014 14:17
Surrogates	REC (%)	Limits		
aaa-TFT	97	70-130		03/14/2014 14:17

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW3510C
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8015B
Date Prepared:	3/11/14	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1A	**1403319-001B**	**Water**	**03/07/2014 08:15**	**GC2A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**100**	50	1	03/12/2014 08:29

Surrogates	REC (%)	Limits	Analytical Comments: e2	
C9	95	70-130		03/12/2014 08:29

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1B	**1403319-002B**	**Water**	**03/07/2014 09:05**	**GC2A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	03/12/2014 00:58

Surrogates	REC (%)	Limits		
C9	94	70-130		03/12/2014 00:58

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7A	**1403319-003B**	**Water**	**03/08/2014 12:12**	**GC2A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**51**	50	1	03/11/2014 22:27

Surrogates	REC (%)	Limits	Analytical Comments: e2	
C9	93	70-130		03/11/2014 22:27

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-7B	**1403319-004B**	**Water**	**03/08/2014 12:00**	**GC11A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	03/12/2014 04:52

Surrogates	REC (%)	Limits		
C9	109	70-130		03/12/2014 04:52

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-1	**1403319-005B**	**Water**	**03/07/2014 09:35**	**GC11A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	03/12/2014 06:01

Surrogates	REC (%)	Limits		
C9	108	70-130		03/12/2014 06:01

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Analytical Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Project:	#160; 160 Holmes	**Extraction Method**	SW3510C
Date Received:	3/11/14 14:03	**Analytical Method:**	SW8015B
Date Prepared:	3/11/14	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3	**1403319-006B**	**Water**	**03/07/2014 10:30**	**GC2A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**480**	50	1	03/11/2014 23:42

Surrogates	REC (%)	Limits	Analytical Comments: e4	
C9	96	70-130		03/11/2014 23:42

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
EW-3B	**1403319-007B**	**Water**	**03/07/2014 10:05**	**GC2A**	**88007**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**210**	50	1	03/11/2014 21:11

Surrogates	REC (%)	Limits	Analytical Comments: e2	
C9	92	70-130		03/11/2014 21:11

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/11/14	**BatchID:**	88015
Date Analyzed:	3/11/14	**Extraction Method**	E218.6
Instrument:	IC2	**Analytical Method:**	E218.6
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88015 1403319-001DMS/MSD

QC Summary Report for E218.6

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Hexachrome	ND	25.95	0.20	25	-	104	90-110

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexachrome	25.42	25.58	25	ND	102	102	90-110	0	10

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88123
Date Analyzed:	3/12/14	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88123 1403260-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	20.32	0.50	20	-	102	70-130
Benzene	ND	20.08	0.50	20	-	100	70-130
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	85.51	2.0	80	-	107	70-130
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	19.46	0.50	20	-	97.3	70-130
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	20.71	0.50	20	-	104	70-130
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	20.31	0.50	20	-	102	70-130
1,1-Dichloroethene	ND	-	0.50	-	-	-	-
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88123
Date Analyzed:	3/12/14	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88123 1403260-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	18.63	0.50	20	-	93.2	70-130
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	19.6	0.50	20	-	98	70-130
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	19.92	0.50	20	-	99.6	70-130
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	20.26	0.50	20	-	101	70-130
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	19.15	0.50	20	-	95.7	70-130
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	22.1	38.38		45	88	85	70-130
Toluene-d8	28.19	51.06		45	113	113	70-130
4-BFB	2.398	4.246		4.5	96	94	70-130

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88123
Date Analyzed:	3/12/14	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88123 1403260-002BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	22.47	20.78	20	ND	112	104	70-130	7.81	20
Benzene	20.1	19.32	20	ND	100	96.6	70-130	3.96	20
t-Butyl alcohol (TBA)	100.2	93.75	80	ND	125	117	70-130	6.65	20
Chlorobenzene	19.43	18.83	20	ND	97.1	94.2	70-130	3.09	20
1,2-Dibromoethane (EDB)	21.89	20.45	20	ND	109	102	70-130	6.79	20
1,2-Dichloroethane (1,2-DCA)	21.86	20.41	20	ND	109	102	70-130	6.87	20
Diisopropyl ether (DIPE)	20.05	18.85	20	ND	100	94.3	70-130	6.14	20
Ethyl tert-butyl ether (ETBE)	21.78	20.26	20	ND	109	101	70-130	7.24	20
Methyl-t-butyl ether (MTBE)	22.93	20.91	20	ND	115	105	70-130	9.21	20
Toluene	19.42	18.74	20	1.3	90.5	87.1	70-130	3.57	20
Trichloroethene	18.72	17.97	20	ND	93.6	89.8	70-130	4.13	20
Surrogate Recovery									
Dibromofluoromethane	39.54	38.81	45		88	86	70-130	1.84	20
Toluene-d8	49.98	49.29	45		111	110	70-130	1.37	20
4-BFB	4.045	4.004	4.5		90	89	70-130	1.02	20

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88139
Date Analyzed:	3/13/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88139 1403313-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	20.21	0.50	20	-	101	70-130
Benzene	ND	19.5	0.50	20	-	97.5	70-130
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	71.54	2.0	80	-	89.4	70-130
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	20.03	0.50	20	-	100	70-130
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	21.66	0.50	20	-	108	70-130
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	19.54	0.50	20	-	97.7	70-130
1,1-Dichloroethene	ND	-	0.50	-	-	-	-
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88139
Date Analyzed:	3/13/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88139 1403313-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	19.58	0.50	20	-	97.9	70-130
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	20.08	0.50	20	-	100	70-130
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	19.69	0.50	20	-	98.5	70-130
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	20.27	0.50	20	-	101	70-130
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	19.82	0.50	20	-	99.1	70-130
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	25.72	45.11		45	103	100	70-130
Toluene-d8	22.88	39.55		45	92	88	70-130
4-BFB	2.373	4.501		4.5	95	100	70-130

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88139
Date Analyzed:	3/13/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88139 1403313-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	25.3	24.76	20	ND	127	124	70-130	2.17	20
Benzene	22.5	21.14	20	ND	112	106	70-130	6.23	20
t-Butyl alcohol (TBA)	122.6	127.2	80	ND	153,F1	159,F1	70-130	3.66	20
Chlorobenzene	24.16	22.93	20	ND	121	115	70-130	5.22	20
1,2-Dibromoethane (EDB)	27.92	26.39	20	ND	140,F1	132,F1	70-130	5.62	20
1,2-Dichloroethane (1,2-DCA)	23.61	22.49	20	ND	118	112	70-130	4.87	20
Diisopropyl ether (DIPE)	23.76	22.46	20	ND	119	112	70-130	5.61	20
Ethyl tert-butyl ether (ETBE)	24.8	23.65	20	ND	124	118	70-130	4.75	20
Methyl-t-butyl ether (MTBE)	24.83	24.12	20	ND	124	121	70-130	2.90	20
Toluene	22.99	21.76	20	ND	115	109	70-130	5.46	20
Trichloroethene	22.8	21.57	20	ND	114	108	70-130	5.55	20
Surrogate Recovery									
Dibromofluoromethane	49.31	47.99	45		110	107	70-130	2.72	20
Toluene-d8	41.86	40.52	45		93	90	70-130	3.25	20
4-BFB	4.592	4.718	4.5		102	105	70-130	2.71	20

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/17/14	**BatchID:**	88218
Date Analyzed:	3/15/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88218 1403488-001CMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	19.01	0.50	20	-	95	70-130
Benzene	ND	20.21	0.50	20	-	101	70-130
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	88.81	2.0	80	-	111	70-130
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	22.3	0.50	20	-	111	70-130
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	20.43	0.50	20	-	102	70-130
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	18.07	0.50	20	-	90.4	70-130
1,1-Dichloroethene	ND	-	0.50	-	-	-	-
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-

(Cont.)

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/17/14	**BatchID:**	88218
Date Analyzed:	3/15/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88218 1403488-001CMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Diisopropyl ether (DIPE)	ND	19.88	0.50	20	-	99.4	70-130
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	19.38	0.50	20	-	96.9	70-130
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	18.01	0.50	20	-	90.1	70-130
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	21.61	0.50	20	-	108	70-130
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	20.1	0.50	20	-	101	70-130
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	24.29	43.96		45	97	98	70-130
Toluene-d8	22.61	41.56		45	90	92	70-130
4-BFB	2.098	4.578		4.5	84	102	70-130

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/17/14	**BatchID:**	88218
Date Analyzed:	3/15/14	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88218 1403488-001CMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	18.42	17.33	20	ND	92.1	86.6	70-130	6.11	20
Benzene	18.09	16.99	20	ND	90.5	84.9	70-130	6.31	20
t-Butyl alcohol (TBA)	95.09	78.99	80	ND	119	98.7	70-130	18.5	20
Chlorobenzene	19.61	17.98	20	ND	98	89.9	70-130	8.65	20
1,2-Dibromoethane (EDB)	19.45	18.33	20	ND	97.2	91.6	70-130	5.94	20
1,2-Dichloroethane (1,2-DCA)	17	16.31	20	ND	85	81.5	70-130	4.17	20
Diisopropyl ether (DIPE)	18.52	17.33	20	ND	92.6	86.7	70-130	6.62	20
Ethyl tert-butyl ether (ETBE)	18.63	17.55	20	ND	93.2	87.8	70-130	5.97	20
Methyl-t-butyl ether (MTBE)	17.81	16.95	20	ND	89.1	84.8	70-130	4.95	20
Toluene	18.65	17.59	20	ND	93.2	87.9	70-130	5.85	20
Trichloroethene	17.85	16.6	20	ND	89.3	83	70-130	7.27	20
Surrogate Recovery									
Dibromofluoromethane	43.22	41.92	45		96	93	70-130	3.05	20
Toluene-d8	38.89	37.61	45		86	84	70-130	3.34	20
4-BFB	4.205	4.075	4.5		93	91	70-130	3.14	20

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/12/14	**BatchID:**	88111
Date Analyzed:	3/12/14	**Extraction Method**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88111 1403313-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	62.62	40	60	-	104	70-130
MTBE	ND	9.257	5.0	10	-	92.6	70-130
Benzene	ND	9.898	0.50	10	-	99	70-130
Toluene	ND	9.882	0.50	10	-	98.8	70-130
Ethylbenzene	ND	9.789	0.50	10	-	97.9	70-130
Xylenes	ND	29.17	0.50	30	-	97.2	70-130
Surrogate Recovery							
aaa-TFT	9.886	10.08		10	99	101	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	59.5	61.67	60	ND	99.2	103	70-130	3.59	20
MTBE	10.26	9.466	10	ND	103	94.7	70-130	8.03	20
Benzene	10.49	9.792	10	ND	105	97.9	70-130	6.85	20
Toluene	10.36	9.774	10	ND	104	97.7	70-130	5.78	20
Ethylbenzene	10.3	9.715	10	ND	103	97.1	70-130	5.86	20
Xylenes	30.92	29.27	30	ND	103	97.6	70-130	5.49	20
Surrogate Recovery									
aaa-TFT	10.2	9.759	10		102	98	70-130	4.46	20

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/13/14	**BatchID:**	88162
Date Analyzed:	3/13/14	**Extraction Method**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88162 1403319-009AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	59.51	40	60	-	99.2	70-130
MTBE	ND	9.888	5.0	10	-	98.9	70-130
Benzene	ND	9.713	0.50	10	-	97.1	70-130
Toluene	ND	9.656	0.50	10	-	96.6	70-130
Ethylbenzene	ND	9.599	0.50	10	-	96	70-130
Xylenes	ND	28.82	0.50	30	-	96.1	70-130
Surrogate Recovery							
aaa-TFT	9.744	9.66		10	97	97	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	60.77	58.55	60	ND	101	97.6	70-130	3.72	20
MTBE	10.6	10.26	10	ND	106	103	70-130	3.24	20
Benzene	9.711	9.569	10	ND	97.1	95.7	70-130	1.48	20
Toluene	9.692	9.486	10	ND	96.9	94.9	70-130	2.15	20
Ethylbenzene	9.565	9.486	10	ND	95.7	94.9	70-130	0.832	20
Xylenes	28.91	28.62	30	ND	96.4	95.4	70-130	1.03	20
Surrogate Recovery									
aaa-TFT	9.748	9.888	10		97	99	70-130	1.42	20

(Cont.)

CDPH ELAP 1644 ♦ NELAP 4033ORELAP

QA/QC Officer

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/15/14	**BatchID:**	88214
Date Analyzed:	3/14/14	**Extraction Method**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88214 1403322-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	58.6	40	60	-	97.7	70-130
MTBE	ND	9.987	5.0	10	-	99.9	70-130
Benzene	ND	10.04	0.50	10	-	100	70-130
Toluene	ND	9.983	0.50	10	-	99.8	70-130
Ethylbenzene	ND	9.929	0.50	10	-	99.3	70-130
Xylenes	ND	30.04	0.50	30	-	100	70-130
Surrogate Recovery							
aaa-TFT	9.85	9.986		10	99	100	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	65.51	58.14	60	ND	109	96.9	70-130	11.9	20
MTBE	9.975	9.805	10	ND	99.7	98	70-130	1.72	20
Benzene	9.918	9.937	10	ND	99.2	99.4	70-130	0.190	20
Toluene	9.892	9.897	10	ND	98.9	99	70-130	0.0562	20
Ethylbenzene	9.848	9.887	10	ND	98.5	98.9	70-130	0.394	20
Xylenes	29.81	29.78	30	ND	99.4	99.3	70-130	0.0881	20
Surrogate Recovery									
aaa-TFT	9.921	10.14	10		99	101	70-130	2.20	20

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Quality Control Report

Client:	Allterra Environmental	**WorkOrder:**	1403319
Date Prepared:	3/11/14	**BatchID:**	88007
Date Analyzed:	3/12/14	**Extraction Method**	SW3510C
Instrument:	GC11A, GC6B	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	#160; 160 Holmes	**Sample ID:**	MB/LCS-88007

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	963.4	50	1000	-	96.3	70-130
Surrogate Recovery							
C9	686.6	595.9		625	110	95	70-130

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1403319 **ClientCode: ATRS**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Aaron Powers
Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060
831-425-2608 FAX: 831-425-2609

Email: aaron@allterraenv.com; allterraenvironmen
cc/3rd Party:
PO:
ProjectNo: #160; 160 Holmes

Bill to:
Accounts Payable
Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060
micah@allterraenv.com

Requested TAT: 5 days

Date Received: **03/11/2014**
Date Printed: **03/12/2014**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1403319-001	MW-1A	Water	3/7/2014 8:15	☐	D	C	A	A	B							
1403319-002	MW-1B	Water	3/7/2014 9:05	☐	D	C	A		B							
1403319-003	MW-7A	Water	3/8/2014 12:12	☐	D	C	A		B							
1403319-004	MW-7B	Water	3/8/2014 12:00	☐	D	C	A		B							
1403319-005	EW-1	Water	3/7/2014 9:35	☐	D	C	A		B							
1403319-006	EW-3	Water	3/7/2014 10:30	☐	D	C	A		B							
1403319-007	EW-3B	Water	3/7/2014 10:05	☐	D	C	A		B							
1403319-008	EW-2	Water	3/7/2014 11:10	☐			A									
1403319-009	MW-9A	Water	3/6/2014 14:35	☐			A									
1403319-010	MW-9B	Water	3/8/2014 14:45	☐			A									
1403319-011	MW-7C	Water	3/8/2014 13:50	☐			A									
1403319-012	MW-8A	Water	3/8/2014 11:05	☐			A									
1403319-013	MW-8B	Water	3/8/2014 11:10	☐			A									
1403319-014	MW-5A	Water	3/8/2014 16:00	☐			A									
1403319-015	MW-5B	Water	3/8/2014 16:20	☐			A									
1403319-016	MW-4A	Water	3/8/2014 10:15	☐			A									

Test Legend:

1	218_6_W	2	5-OXYS+PBSCV_W	3	G-MBTEX_W	4	PREDF REPORT	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1403319 **ClientCode: ATRS**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Aaron Powers
Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060
831-425-2608 FAX: 831-425-2609

Email: aaron@allterraenv.com; allterraenvironmen
cc/3rd Party:
PO:
ProjectNo: #160; 160 Holmes

Bill to:
Accounts Payable
Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060
micah@allterraenv.com

Requested TAT: 5 days

Date Received: **03/11/2014**
Date Printed: **03/12/2014**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1403319-017	MW-2A	Water	3/8/2014 9:50	☐			A									
1403319-018	MW-3A	Water	3/7/2014 11:35	☐			A									
1403319-019	MW-6	Water	3/8/2014 15:25	☐			A									

Test Legend:

1	218_6_W	2	5-OXYS+PBSCV_W	3	G-MBTEX_W	4	PREDF REPORT	5	TPH(D)_W
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ALLTERRA ENVIRONMENTAL
Project: #160; 160 Holmes
Comments:

QC Level: LEVEL 2
Client Contact: Aaron Powers
Contact's Email: aaron@allterraenv.com; allterraenvironmental@yahoo.com

Work Order: 1403319
Date Received: 3/11/2014

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1403319-001A	MW-1A	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/7/2014 8:15	5 days	Present	☐	
1403319-001B	MW-1A	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/7/2014 8:15	5 days	Present	☐	
1403319-001C	MW-1A	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/7/2014 8:15	5 days	Present	☐	
1403319-001D	MW-1A	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 8:15	5 days	Present	☐	
1403319-002A	MW-1B	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/7/2014 9:05	5 days	Trace	☐	
1403319-002B	MW-1B	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/7/2014 9:05	5 days	Trace	☐	
1403319-002C	MW-1B	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/7/2014 9:05	5 days	Trace	☐	
1403319-002D	MW-1B	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 9:05	5 days	Trace	☐	
1403319-003A	MW-7A	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/8/2014 12:12	5 days	Present	☐	
1403319-003B	MW-7A	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/8/2014 12:12	5 days	Present	☐	
1403319-003C	MW-7A	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/8/2014 12:12	5 days	Present	☐	
1403319-003D	MW-7A	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/8/2014 12:12	5 days	Present	☐	
1403319-004A	MW-7B	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/8/2014 12:00	5 days	Present	☐	
1403319-004B	MW-7B	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/8/2014 12:00	5 days	Present	☐	
1403319-004C	MW-7B	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/8/2014 12:00	5 days	Present	☐	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

125mL HDPE w/ NaB4 / Na2CO3 / KHCO3 = 125mL HDPE Bottle w/ Borate-Hydroxide Buffer
VOA w/ HCl = 43mL VOA w/ HCl

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WORK ORDER SUMMARY

Client Name: ALLTERRA ENVIRONMENTAL
Project: #160; 160 Holmes
Comments:

QC Level: LEVEL 2
Client Contact: Aaron Powers
Contact's Email: aaron@allterraenv.com; allterraenvironmental@yahoo.com

Work Order: 1403319
Date Received: 3/11/2014

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1403319-004D	MW-7B	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/8/2014 12:00	5 days	Present	☐	
1403319-005A	EW-1	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/7/2014 9:35	5 days	Present	☐	
1403319-005B	EW-1	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/7/2014 9:35	5 days	Present	☐	
1403319-005C	EW-1	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/7/2014 9:35	5 days	Present	☐	
1403319-005D	EW-1	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 9:35	5 days	Present	☐	
1403319-006A	EW-3	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/7/2014 10:30	5 days	Present	☐	
1403319-006B	EW-3	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/7/2014 10:30	5 days	Present	☐	
1403319-006C	EW-3	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/7/2014 10:30	5 days	Present	☐	
1403319-006D	EW-3	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 10:30	5 days	Present	☐	
1403319-007A	EW-3B	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	3/7/2014 10:05	5 days	Present	☐	
1403319-007B	EW-3B	Water	SW8015B (Diesel)	2	VOA w/ HCl	☐	3/7/2014 10:05	5 days	Present	☐	
1403319-007C	EW-3B	Water	SW8260B (5 Oxys+Lead Scav.)	1	VOA w/ HCl	☐	3/7/2014 10:05	5 days	Present	☐	
1403319-007D	EW-3B	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 10:05	5 days	Present	☐	
1403319-008A	EW-2	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/7/2014 11:10	5 days	Present	☐	
1403319-009A	MW-9A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/6/2014 14:35	5 days	Present	☐	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

125mL HDPE w/ NaB4 / Na2CO3 / KHCO3 = 125mL HDPE Bottle w/ Borate-Hydroxide Buffer
VOA w/ HCl = 43mL VOA w/ HCl

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ALLTERRA ENVIRONMENTAL
Project: #160; 160 Holmes
Comments:

QC Level: LEVEL 2
Client Contact: Aaron Powers
Contact's Email: aaron@allterraenv.com; allterraenvironmental@yahoo.com

Work Order: 1403319
Date Received: 3/11/2014

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1403319-010A	MW-9B	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 14:45	5 days	Present	☐	
1403319-011A	MW-7C	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 13:50	5 days	Present	☐	
1403319-012A	MW-8A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 11:05	5 days	Present	☐	
1403319-013A	MW-8B	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 11:10	5 days	Present	☐	
1403319-014A	MW-5A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 16:00	5 days	Present	☐	
1403319-015A	MW-5B	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 16:20	5 days	None	☐	
1403319-016A	MW-4A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 10:15	5 days	Present	☐	
1403319-017A	MW-2A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 9:50	5 days	Present	☐	
1403319-018A	MW-3A	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/7/2014 11:35	5 days	Present	☐	
1403319-019A	MW-6	Water	SW8021B/8015Bm (G/MBTEX)	3	VOA w/ HCl	☐	3/8/2014 15:25	5 days	Present	☐	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:

125mL HDPE w/ NaB4 / Na2CO3 / KHCO3 = 125mL HDPE Bottle w/ Borate-Hydroxide Buffer
VOA w/ HCl = 43mL VOA w/ HCl

1403314

ALLTERRA
849 Almar Avenue, Suite C, #281
Santa Cruz, California 95060
Website: www.allterraenv.com
Phone: (831) 425-2608 Facsimile: (831) 425-2609

Chain of Custody Record

Turn Around Time (circle one) RUSH 24HR 48HR 72HR 5 Day

Report and Bill to: **Allterra Environmental, Inc.**
Project Number: **160**
Project Location: **160 Holmes**
Project Name:
Sampler Signature: Laura Terry

Field Point Name / Sample ID	Sample Collection: Date	Sample Collection: Time	Sample Containers: Number of Containers	Sample Containers: Container Type	Matrix: Air	Matrix: Water	Matrix: Soil	Matrix: Sludge	Matrix: Other	Preservation: Ice	Preservation: HCl	Preservation: HNO_3	Preservation: Other	TPHg/ BTEX/ MTBE (EPA 8015/8021)	TPHd (EPA 8015)	5-fuel oxys (EPA 8260)	Lead Scavengers (8260)	Dissolved Oxygen	Carbon Dioxide	Methane	Total Dissolved Solids	Arsenic, Total Chromium, Total iron, Manganese, Sodium	Hexachrome	Ferrous Iron	Alkalinity	Sulfate		EDF required
MW-1A	3.7.14	8:15AM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
MW-1B	3.7.14	9:05AM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
MW-7A	3.8.14	2:12PM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
MW-7B	3.8.14	12:00PM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
EW-1	3.7.14	~~9:35AM~~ 9:35AM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
EW-3	3.7.14	10:30AM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
EW-3B	3.7.14	10:05AM	6	(6) VARIOUS		x				x	x			x	x	x	x						x					x
EW-2	3.7.14	~~10:30AM~~ 11:10AM	3	VOA		x				x	x			x	(x)	x	x	Not needed!					(x) No container Received					x
MW-9A	3.6.14	2:35PM	3	VOA		x				x	x			x														x
MW-9B	3.8.14	2:45PM	3	VOA		x				x	x			x														x
MW-7C	3.8.14	1:50PM	3	VOA		x				x	x			x														x
MW-8A	3.8.14	11:05AM	3	VOA		x				x	x			x														x
MW-8B	3.8.14	11:10AM	3	VOA		x				x	x			x														x
MW-5A	3.8.14	4:00PM	3	VOA		x				x	x			x														x
MW-5B	3.8.14	4:20PM	3	VOA		x				x	x			x														x
MW-4A	3.8.14	10:15AM	3	VOA		x				x	x			x														x
MW-2A	3.8.14	9:50AM	3	VOA		x				x	x			x														x
MW-3A	3.7.14	11:35AM	3	VOA		x				x	x			x														x
MW-6	3.8.14	3:25PM	3	VOA		x				x	x			x														x

REC'D SEALED & INTACT VIA OnTrac

~~Sampled By~~ Relinquished By: Laura Terry	Date: 3/10/14	Time: 2:00pm	Received By:
Received By:	Date: 3/11/14	Time: 0950	Received By:
Received By:	Date:	Time:	Received By:

Comments:
ICE/°C 3.2
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ✓ CONTAINERS
DECHLORINATED IN LAB PRESERVED IN LAB
PRESERVATION VOAS ✓ O&G | METALS | OTHER

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **Allterra Environmental**
Date and Time Received: **3/11/2014 2:03:23 PM**

Project Name: **#160; 160 Holmes**
LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1403319** Matrix: Water
Carrier: OnTrac

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	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 ☐	
Container/Temp Blank temperature	Cooler Temp: 3.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments: