CVCC Clean Venture, Inc.

CVCC Envirotech, LLC.

CV-Baltimore	CV-Eastern Shore, MD	CV-Southern NJ	CV-Northern NJ	Envirotech-Elizabeth	Envirotech-Baltimore
2931 Whittington Avenue	23655 Royal Oak Road	600 Cenco Boulevard	201 South First Street	201 South First Street	2931 Whittington Avenue
Baltimore, MD 21230	Quantico, MD 21856	Clayton, NJ 08312	Elizabeth, NJ 07206	Elizabeth, NJ 07206	Baltimore, MD 21230
(410)368-9170	(410)677-6720	(856)863-8778	(908)355-5800	(908)355-1201	(410)525-0045

December 2, 2015

Mr. Michael Edillon
Oil Control Program
Maryland Department of the Environment
1800 Washington Boulevard, Suite 620
Baltimore, MD 21230

Re: Status Report for MDE Case No. 2013-0321-AA
SMO Fort Meade Shell, SMO-550, 2631 Annapolis Road, Hanover, MD

Dear Mr. Edillon,

This document has been prepared to provide your Department with an update to the groundwater quality monitoring and remediation efforts at the above site. More specifically, this document includes new data and information collected through mid-November 2015. The monitoring wells were most recently sampled on November 5, 2015, and select wells were sampled in late-September 2015. Hydrographs and concentration vs. time graphs are presented herein with a copy of the gauging and sampling database and a copy of the laboratory reports of analysis. Review of the results show the following.

For the past year and a half, MW1 (located in the upgradient portion of the site), MW4 (located hydraulically downgradient from the tankfield), MW11 and MW12 (both located in the downgradient areas of the site) contained very low to no detectable VOC concentrations.

MW16, located in the approximate area of the former location of a break in the Stage-II vapor return line, has consistently contained non-detect to less than 5 µg/l Benzene, and for the last four sampling events has averaged below 10 µg/l Total VOCs.

Historically, MW2, located near MW9, did not contain sufficient groundwater for sampling and testing. MW2 was constructed previous to December 2012. Groundwater samples were successfully collected from MW2 in June and September 2014 when groundwater elevations were slightly higher, and showed that Benzene averaged about 210 µg/l, BTEX averaged 3450 µg/l and VOCs averaged about 4400 µg/l. Another groundwater sample was obtained from MW2 in September 2015 and showed the presence of 240 µg/l Benzene, about 720 µg/l BTEX and 1150 µg/l VOCs. Consequently, concentrations appear to be decreasing in MW2 (e.g., from 3450 to 720 µg/l BTEX and from 4400 to 1150 µg/l VOC).

Initial testing of former MW8, which contained only a few inches of groundwater, showed the presence of about 1400 µg/l Benzene and 13500 µg/l VOC. In mid-2014, MW8 was redrilled and reconstructed from 34'-deep to 43½'-deep. Since June 2014, MW8 has contained an average Benzene concentration of less than 15 µg/l with Total VOCs averaging less than 300 µg/l. Concentrations in MW8 have shown a declining trend since April 2015.

In August 2013, MW9's groundwater contained 6500 µg/l Benzene and over 99000 µg/l VOC (e.g., LNAPL). During the past year, Benzene in MW9 has averaged 125 µg/l with VOCs averaging about 1215 µg/l (e.g., over 98% reduction in petroleum concentrations).

Historically, former MW10 did not contain sufficient groundwater for sampling and testing, and was replaced with a deeper well in late May 2014. During the past year, Benzene in MW10 has averaged about 375 µg/l, and VOCs have been decreasing with the most recent reading of 1807 µg/l VOCs, compared to about 8200 µg/l VOC in June 2014 (e.g., about 78% reduction).

MW15 is located midway between MW9 (near the tankfield) and MW14 (downgradient from the northern dispenser island). Since February 2015, MW15 has contained, on average, about 190 µg/l Benzene and 1860 µg/l VOC.

Into late-April 2014, MW7 regularly contained measurable accumulations of LNAPL. The LNAPL thickness decreased readily from mid-February to late-April 2014 in response to regular product bailing and vacuum truck EFR events. In December 2013-January 2014, LNAPL accumulations averaged about 1.67'-thick; between February and April 2014, accumulations averaged about 0.35'-thick. LNAPL has not been observed in MW7 since April 21, 2014 (over 1½-years). Initial testing of the groundwater in MW7 showed the presence of about 1250 µg/l Benzene and as much as 32860 µg/l VOC. For the past year, MW7 has contained an average Benzene concentration of about 9 µg/l and an average VOC concentration of about 365 µg/l (e.g., over 99% reduction).

It should be noted that from April 2013 through mid-February 2014, groundwater levels in MW7 were consistent with a lower-elevation groundwater system as observed in MW2, MW8, MW9, MW10, MW14 and MW15. Groundwater levels in MW7 began to rise starting mid-February 2014 and continued to do so through late-June 2014. Groundwater elevations in MW7 have remained relatively constant since June 2014 with only ≈½' change and are now consistent with a higher-elevation (or shallower) groundwater system as observed in MW1, MW16, MW4, MW11 and MW12. Consequently, the groundwater level in MW7 appears to be influenced by two stratigraphically-separated water bearing zones.

The groundwater levels in MW1, MW4, MW7, MW11, MW12 and MW16, which are part of a higher-elevation groundwater system than other site wells, have not changed appreciably since June 2014 (see hydrographs attached). Whereas, groundwater levels in MW2, MW8, MW9, MW10 and MW15 slowly declined about 1¾' from late-June 2014 into March 2015, and have since slowly increased about ¾'.

Similar to MW7, groundwater levels in MW14 had appeared to be similar to those in MW2, MW8, MW9, MW10 and MW15 (e.g., the lower-elevation groundwater system) through late-2014. Since that time, groundwater levels in MW14 increased (became shallower) by as much as 5¾' and not consistent with other site wells that showed very slow groundwater fluctuations. It is likely that water-bearing zone at approximately 27'-29' depth is draining groundwater into MW14, although the predominate water-bearing zone is deeper beginning at about 34' depth. Hence, the water level in MW14 results from being screened across two water-bearing zones.

Former MW14 contained measurable accumulations of LNAPL that decreased to non-measurable accumulations by mid-April 2014. Groundwater sampling performed at that time (when former MW14 contained LNAPL) showed that the groundwater contained, on average, about 55 µg/l Benzene, 2710 µg/l BTEX and 3370 µg/l VOC. MW14 was redrilled and reconstructed from 30.3'-deep to about 43.5'-deep in late May 2014. June 2014 testing data showed 8100 µg/l BTEX, while September 2014 testing showed 46900 µg/l BTEX. LNAPL reappeared in deepened MW14 in late-October 2014 and continued through December 2014. LNAPL was absent for about 6-weeks leading into mid-February 2015 when 0.1' of LNAPL was measured. Since mid-February 2015, no LNAPL has been detected in MW14. The June 2015

sampling of MW14 showed the presence of over 32,000 µg/l BTEX indicative of LNAPL saturation, although measurable LNAPL was not detected. Sampling events in September and November 2015 showed an average of 4675 µg/l BTEX and 260 µg/l Benzene.

As discussed above and per the attached contoured groundwater elevation map, there are two groundwater systems beneath the site. A shallower groundwater zone appears to be about 27' depth, flows to the northwest, and is typically represented by water levels in MW1, MW4, MW7, MW11, MW12 and MW16. A deeper groundwater zone appears to be about 35' below grade, flows to the south-southeast, and is represented by liquid levels in MW2, MW8, MW9, MW10 and MW15. The groundwater elevation in MW14 does not represent a specific water-bearing zone.

Vacuum truck EFR events were performed fifteen times between late-October 2013 and December 2014. No vacuum truck EFR has been performed in 2015. Approximately 8775-gallons of impacted groundwater and LNAPL have been removed to date. The average extraction rate was 585-gallons of Total fluids per event. An estimated 242 gallons of LNAPL have been removed by EFR with an additional 42-gallons removed by hand bailing for a Total of about 284-gallons. Accounting for airflow rates and vapor-testing readings, an estimated 294-gallons of petroleum have been removed to date through hand bailing and vacuum truck EFR. Note that this value does not include the volume of petroleum removed by vacuum-induced bioremediation, which has not been quantified.

As presented herein:

1. Petroleum concentrations have significantly decreased and/or are relatively absent in MW1, MW4, MW7, MW8, MW11, MW12 and MW16. Note that MW1, MW4, MW7, MW11, MW12 and MW16 are all part of the shallow zone groundwater system. The average Benzene and VOC concentrations in these wells are less than 5 µg/l and 60 µg/l, respectively.

2. Only MW2, MW9, MW10, MW14 and MW15 contain dissolved Benzene above 100 µg/l (averaging about 265 µg/l per September and November 2015 sampling data). MW9's Benzene concentration was 100 µg/l in November after showing steady decline over the past year. The average BTEX in MW2, MW9, MW10 and MW15 is about 1900 µg/l. Note that the groundwater in these five wells is otherwise part of the deeper groundwater system (currently averaging about 35' below grade in September 2015).

3. LNAPL was last observed in MW7 in late-April 2014; and in MW14 in mid-February 2015.

Given this information, we request MDE approval to conduct an additional quarterly per annum groundwater sampling event in the first quarter 2016. If concentrations remain consistent with current conditions, and measurable LNAPL is not detected during this time, then we would pursue consideration for case closure. A review of the seven risk factors is presented below.

Review of Seven Risk Factors

1. Historically, LNAPL has been observed in two wells: MW7 and MW14. LNAPL has not been observed in MW7 since late-April 2014, and dissolved petroleum concentrations in MW7 groundwater samples are not consistent with LNAPL being present in local soil (i.e., Benzene and BTEX averaging less than 9 µg/l and 365 µg/l, respectively, since December 2014). LNAPL was last observed in MW14 in mid-February 2015 with 0.2'-thick on average between late-October 2014 to mid-February 2015. Vac truck EFR was performed twice in

November 2014. Total VOC concentrations in MW14 groundwater samples in April, September and November 2015 averaged about 4955 µg/l. However, the Total VOC concentration in June 2015 was nearly 47 mg/l, indicative of some remnant LNAPL although no measureable thickness was observed.

2. Impacted local groundwater is relatively shallow. Assessment activities have investigated two water bearing zones: a shallower perched zone in the 25'-27' depth zone, and a second at approximately 35' and deeper. Neither of the two water bearing zones yields significant groundwater. The shallower perched zone is composed of thin (few inches or less) stratified lenses of water-bearing sand set on top of less-permeable silt and/or clay lenses. Supply wells in the area of the site average about 395' depth (shallowest at 197' depth), and with grout to about 190' depth (shallowest at 23' depth) and top of screen at 360' depth (shallowest at 192'). Consequently area supply wells are constructed within a separate and deeper groundwater system than is presented in site monitoring wells. Because of the low-yield of the shallower water-bearing sediments and high metals concentrations as noted by strong-egg odors and historical sampling results, it is unlikely that the shallow groundwater units will be used as a water resource.

3. The petroleum plume is predominately presented by elevated VOC concentrations in MW2, MW9, MW10, MW14 and MW15. Concentrations have significantly declined in MW2 (about 76% in Total VOC concentrations), MW9 (over 98% reduction in Benzene and more than 99% reduction in Total VOC) and MW10 (about 78% in VOCs). Concentrations are stable and/or decreasing slowly in MW14 (formerly contained several inches of LNAPL and currently contains about 4975 µg/l VOC and 260 µg/l Benzene), and MW15 (to date, Benzene and Total VOC averaging about 190 µg/l and 2400 µg/l, respectively). Consequently, the plume does not appear to be migrating, but rather is stable and/or shrinking.

4. Petroleum hydrocarbons have been measured in soil and groundwater samples collected at the 25' to 27' depth zone and to a lesser extent in deeper groundwater at approximately 35' below grade. Proximate to the tankfield, elevated petroleum vapors were encountered in soil samples collected at the 13' to 15' depth zone in the area of MW8 and MW9. As was described in previous submittals, the top 8' of soil in the area of MW14 and MW16, located proximate to the dispensers, is composed of dense silt and kaolinitic clay. Consequently, it is believed that a gravel-filled trench (containing product or Stage-II vapor return lines from the dispensers to the tankfield) in this clay would inherently "carry" released petroleum within the trench and essentially flow down-hill from the dispensers and to the tankfield location. The shallower water-bearing zone at 25' to 27' depth is a complex of highly stratified silt and sand layers that facilitate the development of perched groundwater conditions and inherently collection of hydrocarbons released from shallower depths (e.g., tankfield, product lines, customer spills, etc). There are no known utilities reaching these depths in the area of the site. As noted above, supply wells are screened much deeper than the locally-impacted soil and groundwater. In consideration of the above, the risk for human exposure is negligible. However, potential future redevelopment of the property (and/or UST System upgrades) that would include excavation of the tankfield, product lines and/or dispensers may result in the exposure of such construction workers to petroleum-impacted shallow soil. Nonetheless, tank contractors are typically trained in the appropriate handling of petroleum-impacted soil.

5. Immediately south of the site and consistent with the elevation of the perched groundwater zone is a temporal drainage ditch that flows westerly and is a tributary to the southern-flowing Midway Branch that parallels Rockenbach Road and ultimately passes through Fort George G. Meade further southwest of the site. Flow of groundwater within the perched groundwater system beneath the site is to the west. Currently, groundwater within the perched groundwater zone is represented by MW1, MW4, MW7, MW11, MW12 and MW16. The average Benzene and VOC concentrations in these wells are less than 5 µg/l and less than 60 µg/l, respectively. Consequently, with no indications of flow directly to the nearby drainage stream, and minimal dissolved petroleum concentrations within the perched zone as per the above, there does not appear to be a risk for impact to the drainage stream.

6. As noted above, there are no known utilities that extend to or near depths in which petroleum vapors were encountered. However, the Stage-II vapor return utility trench may contain petroleum vapors. As such, there is a potential for such vapors to migrate along this and other product/electrical line trenches and encroach to and within the convenience store. Petroleum vapor issues within the store have not been reported to date.

7. No other sensitive receptors have been identified.

Based on the above review of the seven risk factors as presented the Maryland Environmental Assessment Technology (MEAT) Document, there is negligible risk for impact from the current site conditions. Pending an additional quarterly groundwater sampling event through first quarter 2016, and assuming LNAPL is not encountered at measurable accumulation(s), we propose that MDE consider this case for closure.

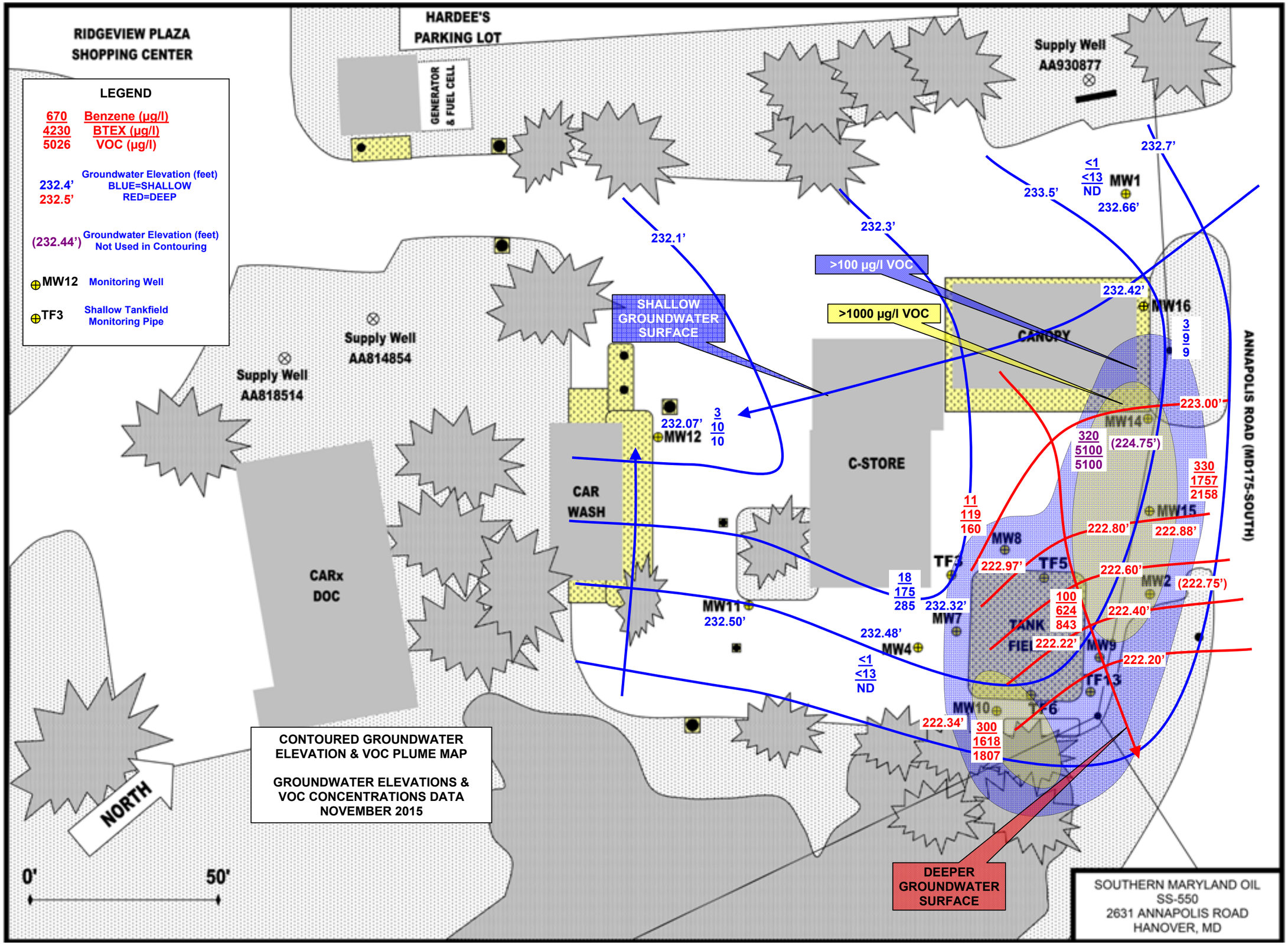
If you have any questions concerning this submittal, please contact us below.

Sincerely,

Douglas O. Hamilton, Principal Hydrogeologist
Envirotech Consultants, LLC
part of the Clean Venture & Cycle Chem Companies
2931 Whittington Avenue, Baltimore, MD 21230
Office (410)525-0045, Fax (410)525-8644
Cell (443)255-1633, Email dhamilton@envirotechllc.com

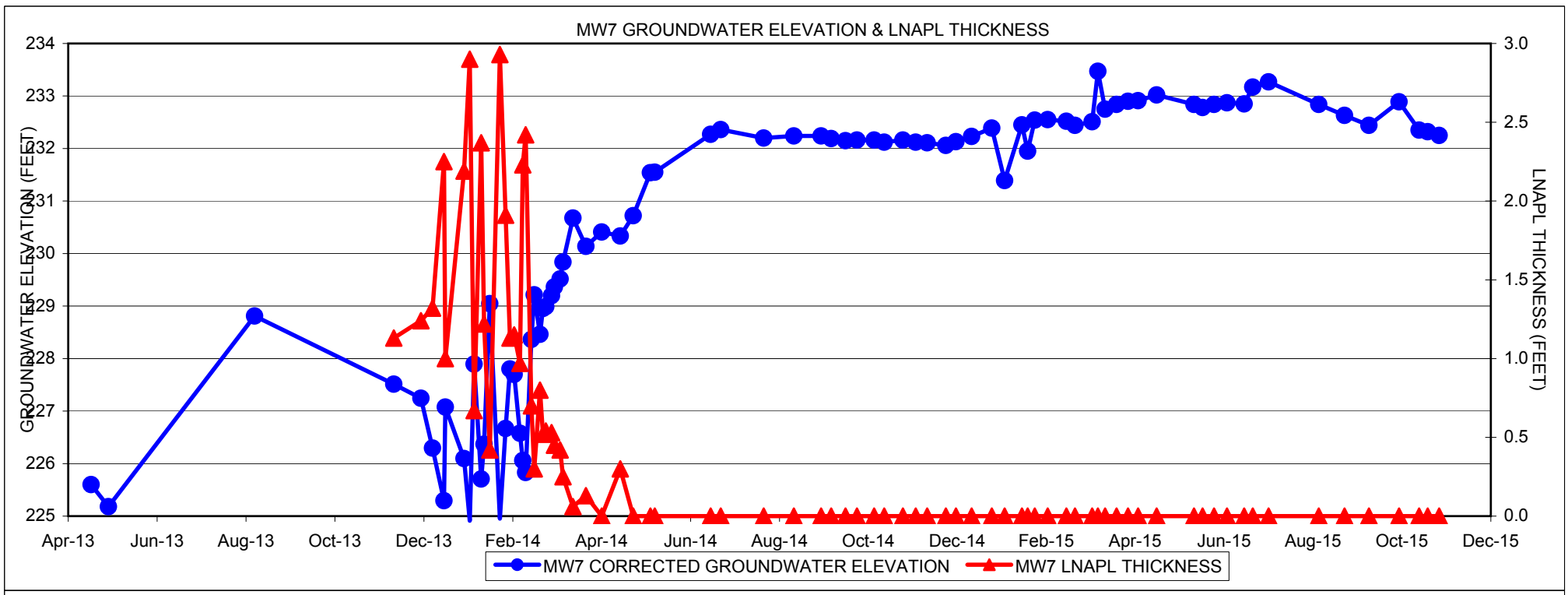
cc. Steve Stookey, Southern Maryland Oil

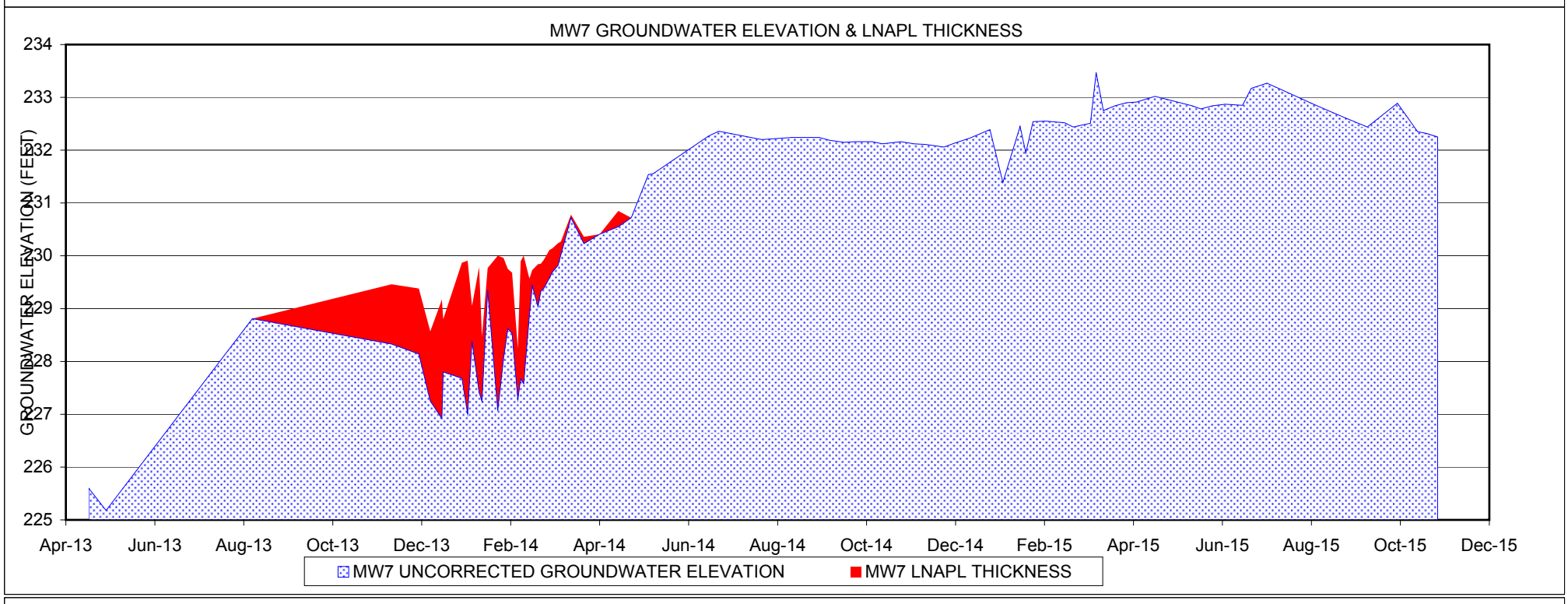
CONTOURED GROUNDWATER ELEVATIONS & VOC PLUME MAP

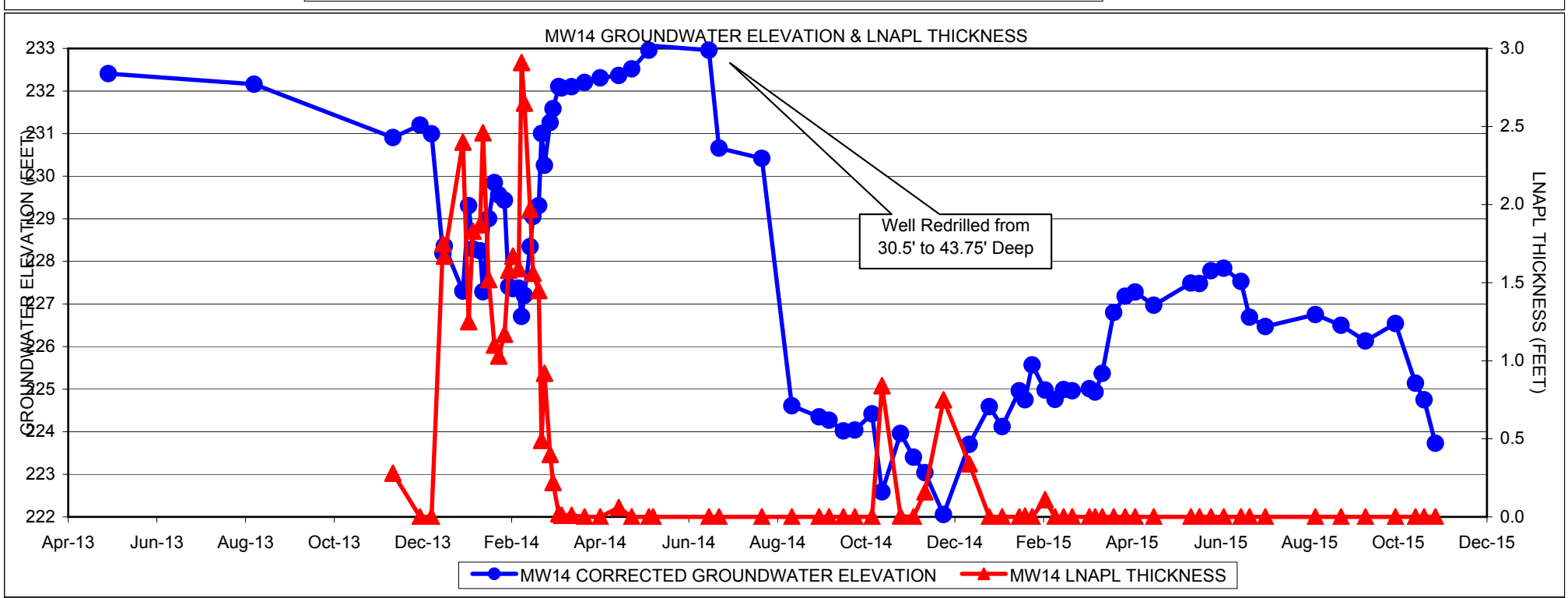

RIDGEVIEW PLAZA
SHOPPING CENTER
HARDEE'S
PARKING LOT
GENERATOR & FUEL CELL
Supply Well
AA930877
LEGEND
670 Benzene (µg/l)
4230 BTEX (µg/l)
5026 VOC (µg/l)
232.4' Groundwater Elevation (feet) BLUE=SHALLOW
232.5' RED=DEEP
(232.44') Groundwater Elevation (feet) Not Used in Contouring
MW12 Monitoring Well
TF3 Shallow Tankfield Monitoring Pipe
Supply Well
AA814854
Supply Well
AA818514
SHALLOW GROUNDWATER SURFACE
>100 µg/l VOC
>1000 µg/l VOC
CANOPY
MW16
3
9
9
232.42'
232.7'
233.5'
<1
<13
ND
MW1
232.66'
232.1'
232.3'
232.07'
MW12
3
10
10
C-STORE
CAR WASH
CARx DOC
MW11
232.50'
232.48'
MW4
<1
<13
ND
18
175
285
232.32'
MW7
TF3
MW8
11
119
160
222.97'
TF5
TANK FIEL
222.22'
MW10
TF6
222.34'
300
1618
1807
MW14
320
5100
5100
(224.75')
223.00'
MW15
330
1757
2158
222.80'
222.88'
222.60'
MW2
(222.75')
100
624
843
222.40'
MW9
222.20'
TF13
ANNAPOLIS ROAD (MD175-SOUTH)
CONTOURED GROUNDWATER ELEVATION & VOC PLUME MAP
GROUNDWATER ELEVATIONS & VOC CONCENTRATIONS DATA NOVEMBER 2015
NORTH
0'
50'
DEEPER GROUNDWATER SURFACE
SOUTHERN MARYLAND OIL
SS-550
2631 ANNAPOLIS ROAD
HANOVER, MD

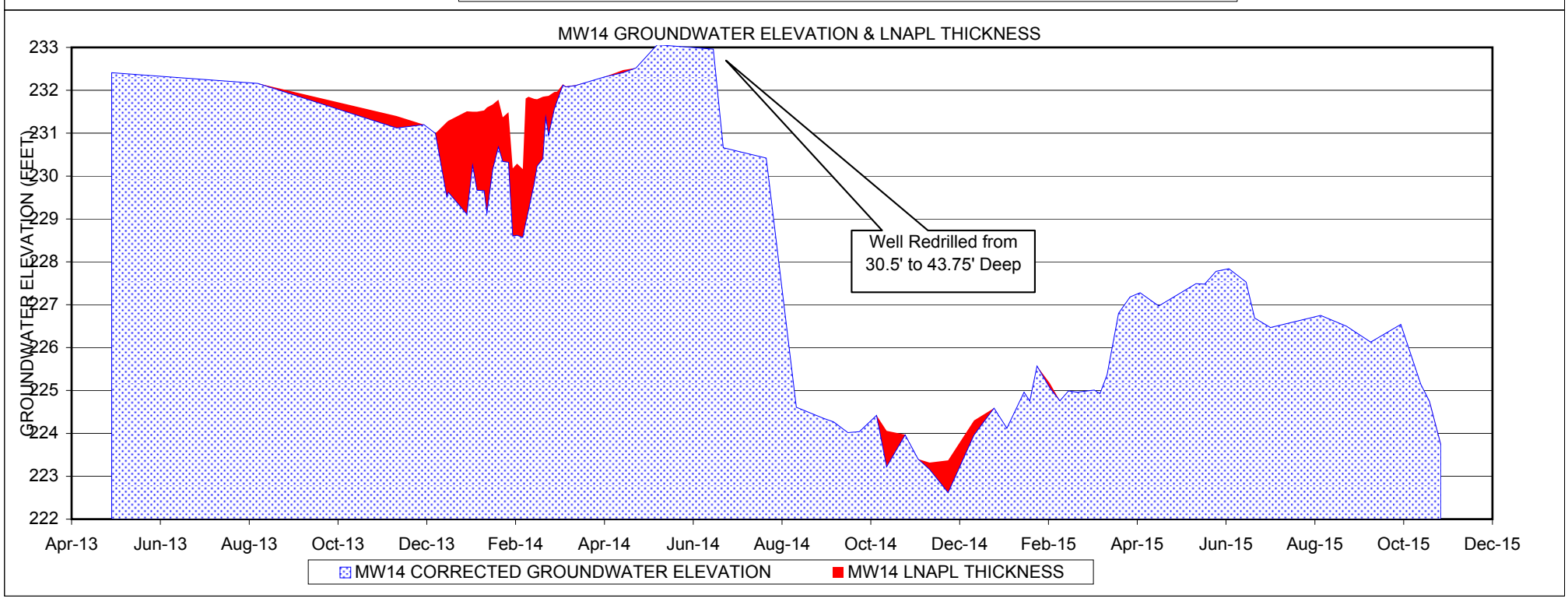
HYDROGRAPHS & GAUGING-SAMPLING DATABASE

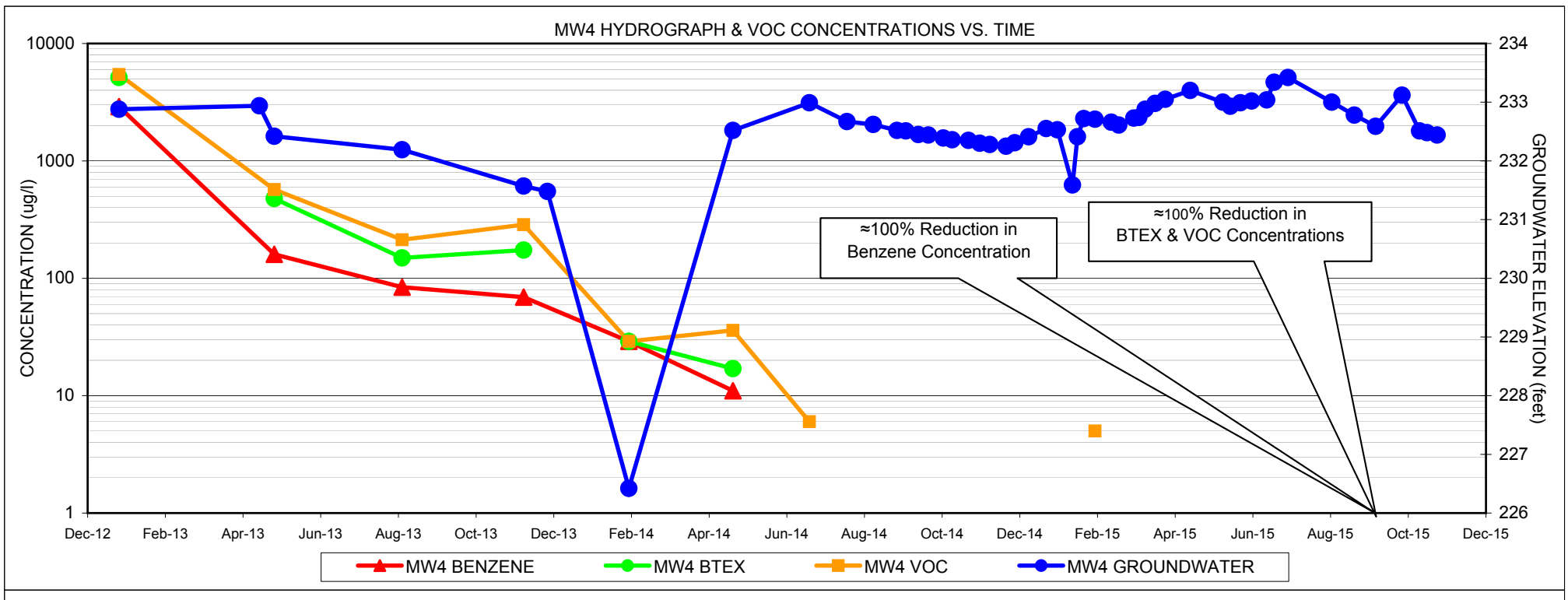
THROUGH NOVEMBER 2015

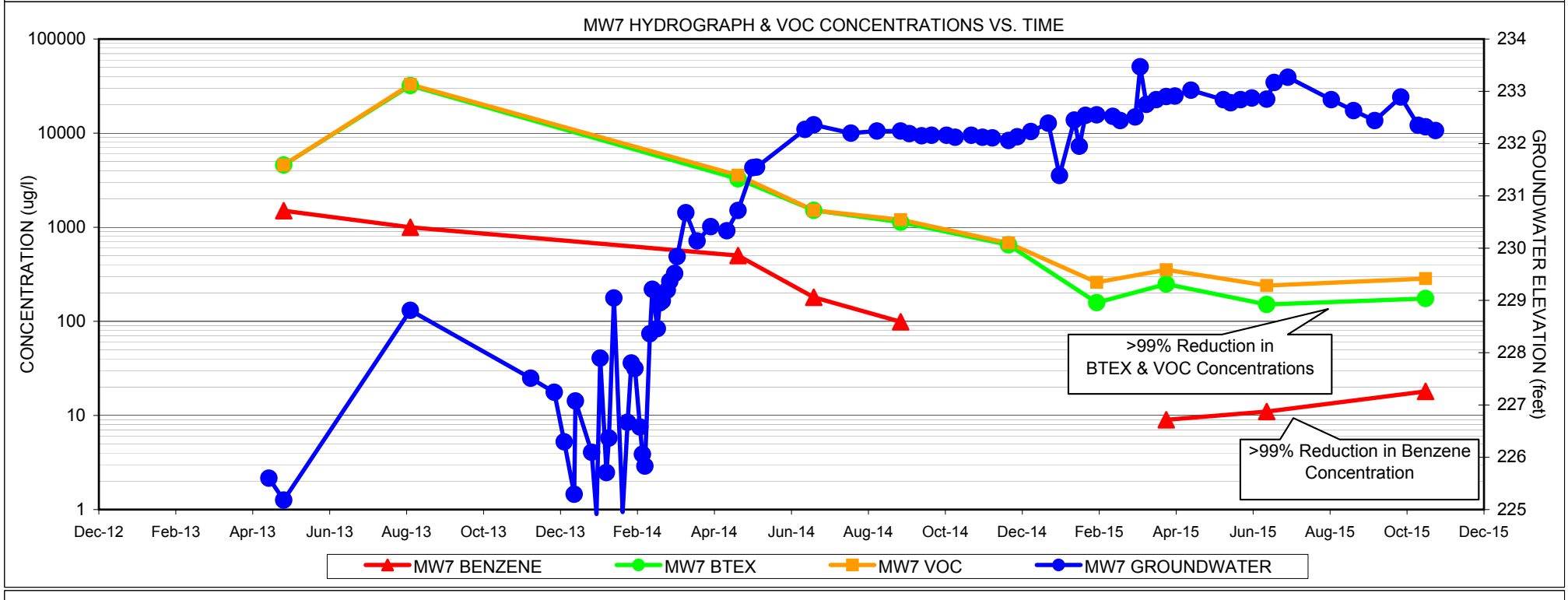

MW7 GROUNDWATER ELEVATION & LNAPL THICKNESS
GROUNDWATER ELEVATION (FEET)
LNAPL THICKNESS (FEET)
234
233
232
231
230
229
228
227
226
225
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW7 CORRECTED GROUNDWATER ELEVATION
MW7 LNAPL THICKNESS

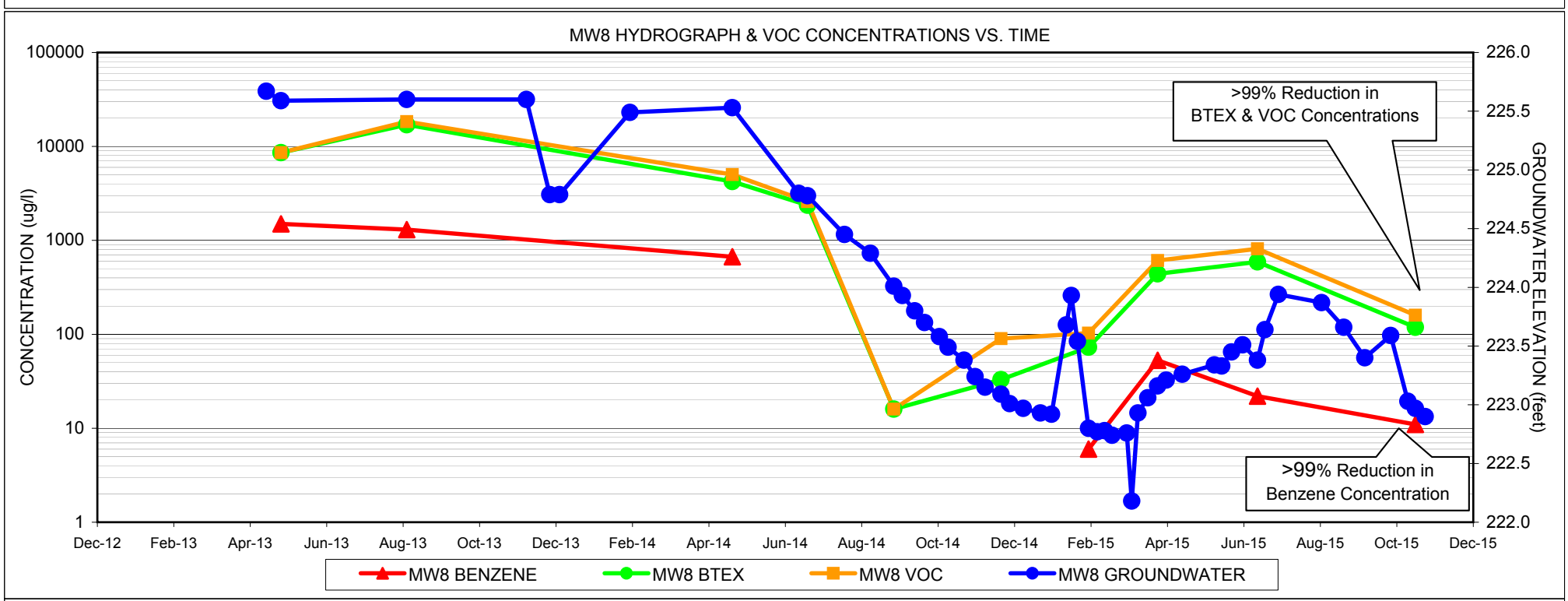

MW7 GROUNDWATER ELEVATION & LNAPL THICKNESS
GROUNDWATER ELEVATION (FEET)
234
233
232
231
230
229
228
227
226
225
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW7 UNCORRECTED GROUNDWATER ELEVATION
MW7 LNAPL THICKNESS

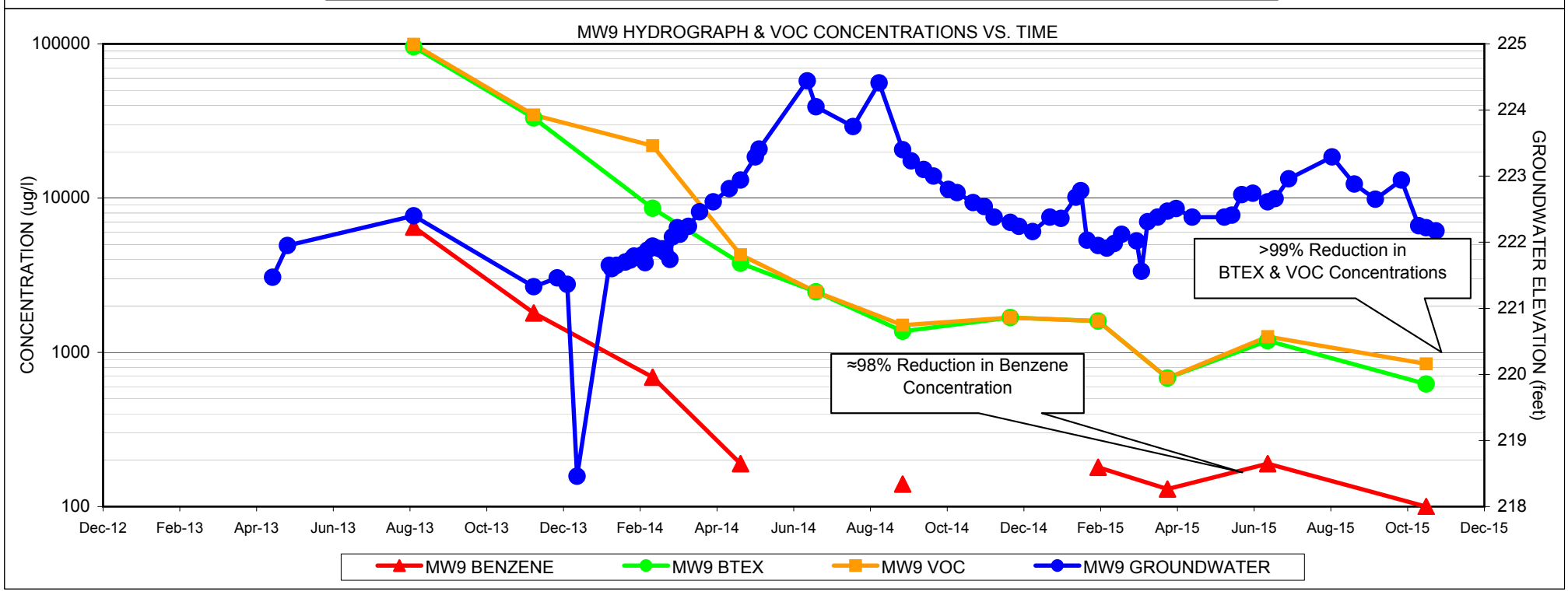

MW14 GROUNDWATER ELEVATION & LNAPL THICKNESS
GROUNDWATER ELEVATION (FEET)
LNAPL THICKNESS (FEET)
233
232
231
230
229
228
227
226
225
224
223
222
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Well Redrilled from
30.5' to 43.75' Deep
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW14 CORRECTED GROUNDWATER ELEVATION
MW14 LNAPL THICKNESS

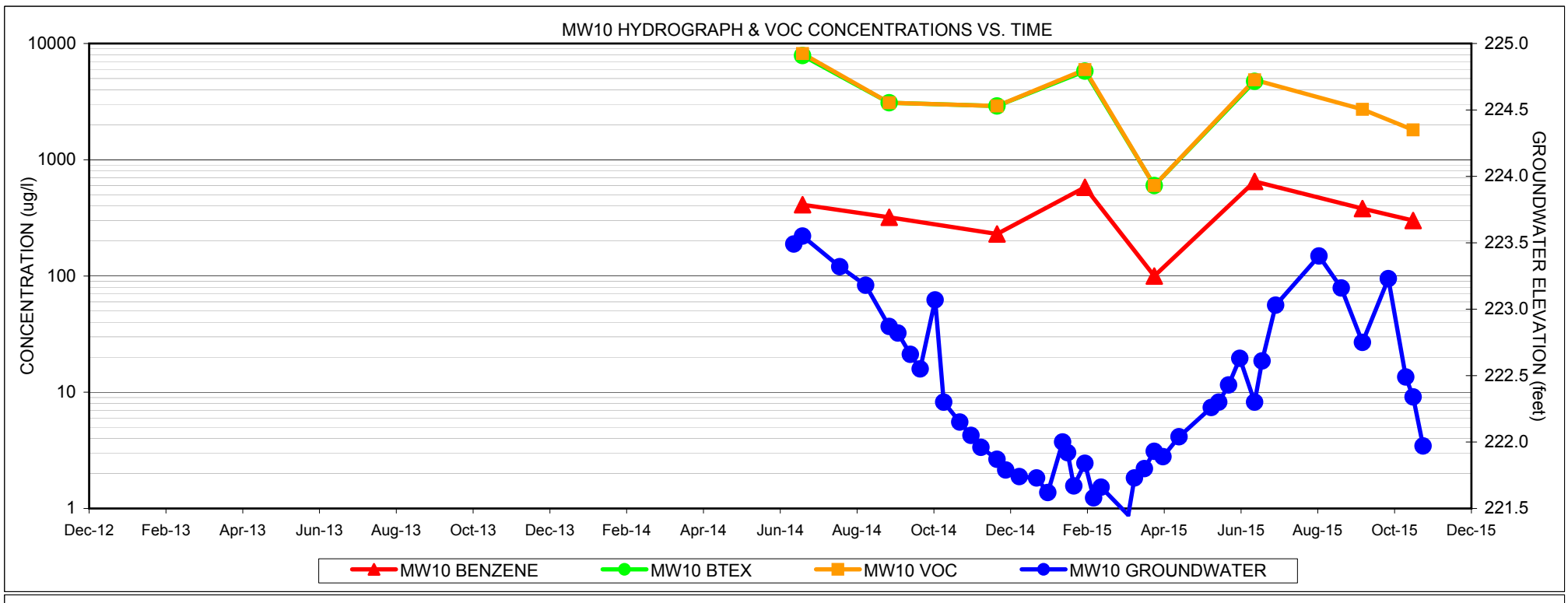

MW14 GROUNDWATER ELEVATION & LNAPL THICKNESS
GROUNDWATER ELEVATION (FEET)
233
232
231
230
229
228
227
226
225
224
223
222
Well Redrilled from
30.5' to 43.75' Deep
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW14 CORRECTED GROUNDWATER ELEVATION
MW14 LNAPL THICKNESS

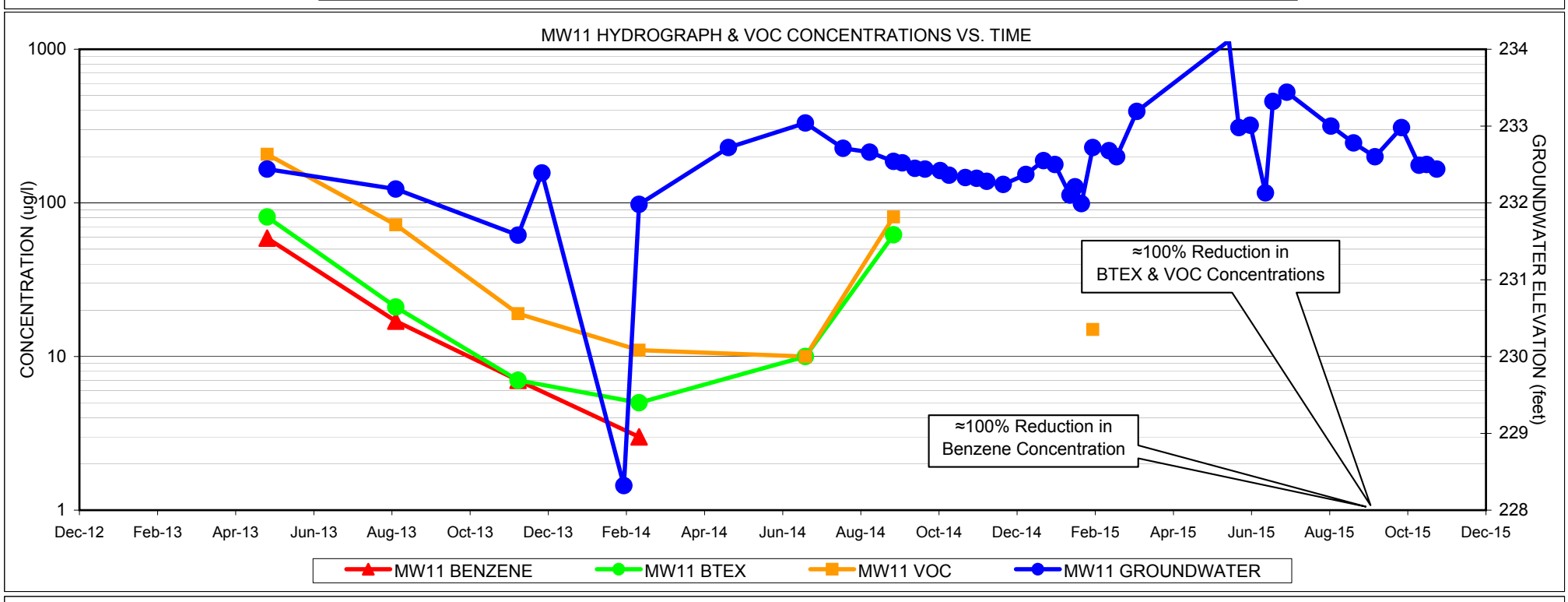

MW4 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
≈100% Reduction in Benzene Concentration
≈100% Reduction in BTEX & VOC Concentrations
MW4 BENZENE
MW4 BTEX
MW4 VOC
MW4 GROUNDWATER

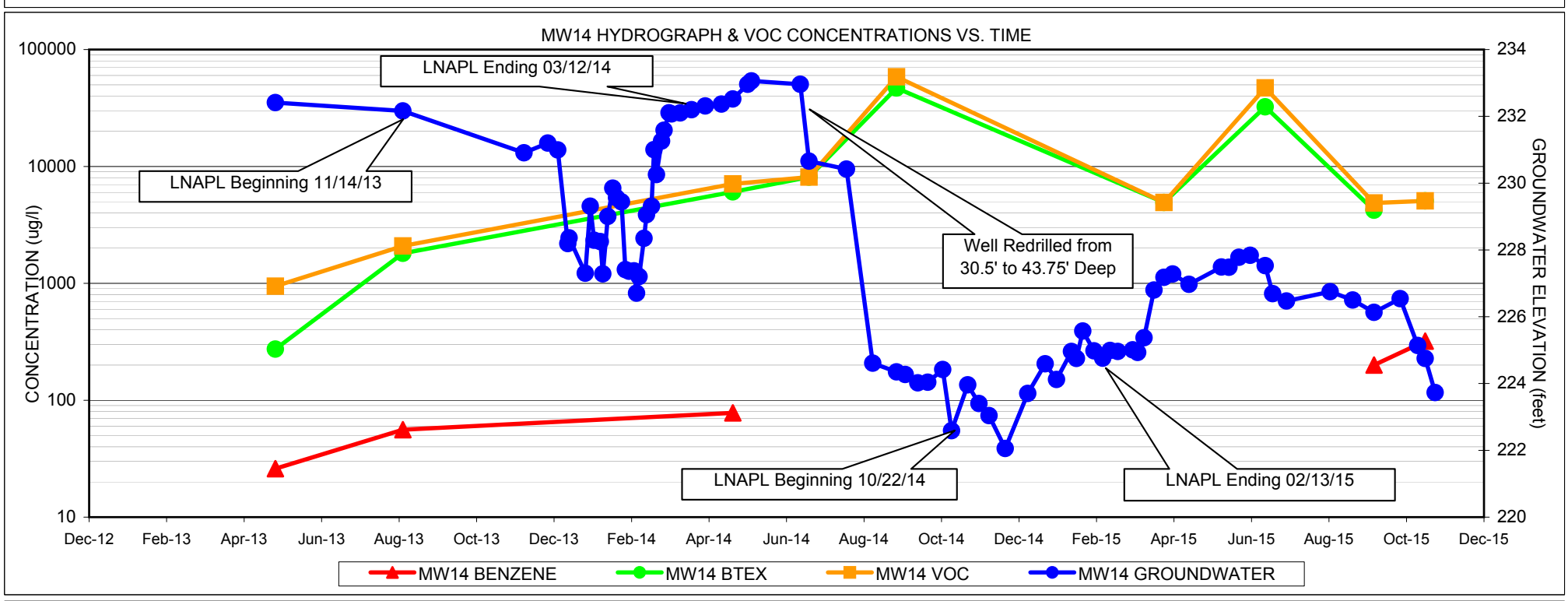

MW7 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
>99% Reduction in BTEX & VOC Concentrations
>99% Reduction in Benzene Concentration
MW7 BENZENE
MW7 BTEX
MW7 VOC
MW7 GROUNDWATER

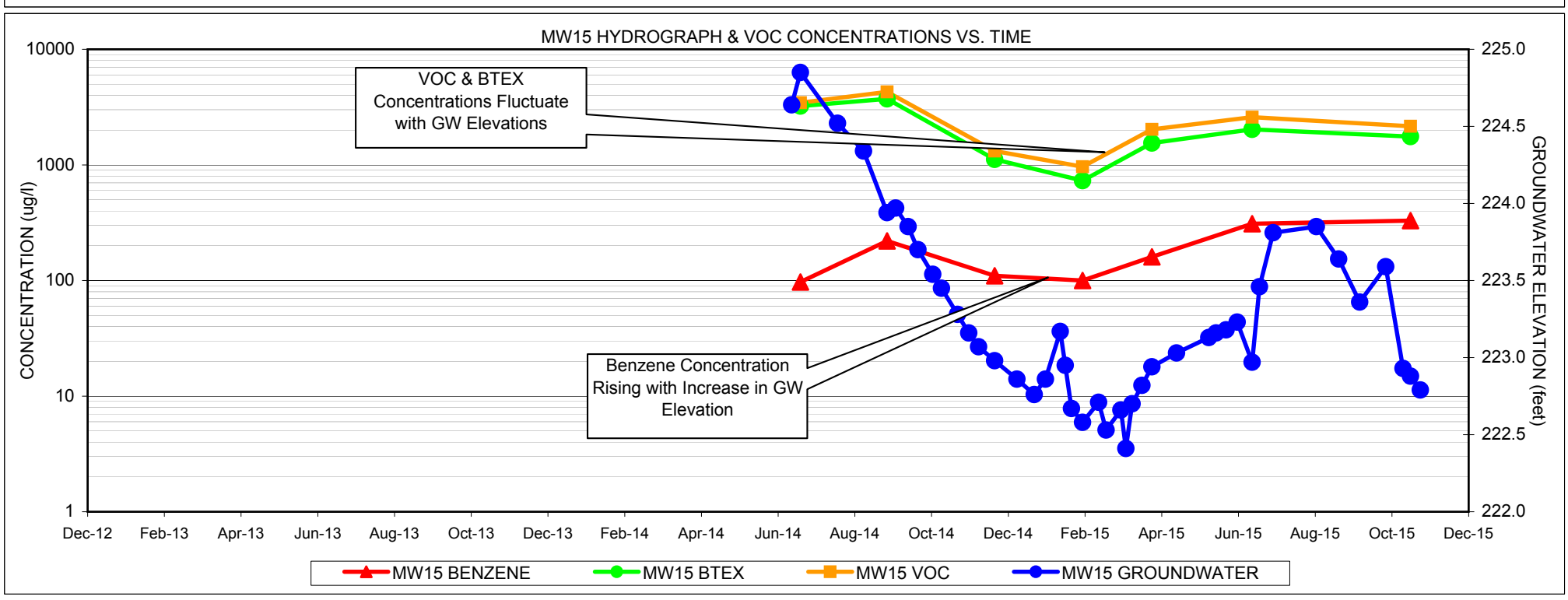

MW8 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
>99% Reduction in BTEX & VOC Concentrations
>99% Reduction in Benzene Concentration
MW8 BENZENE
MW8 BTEX
MW8 VOC
MW8 GROUNDWATER

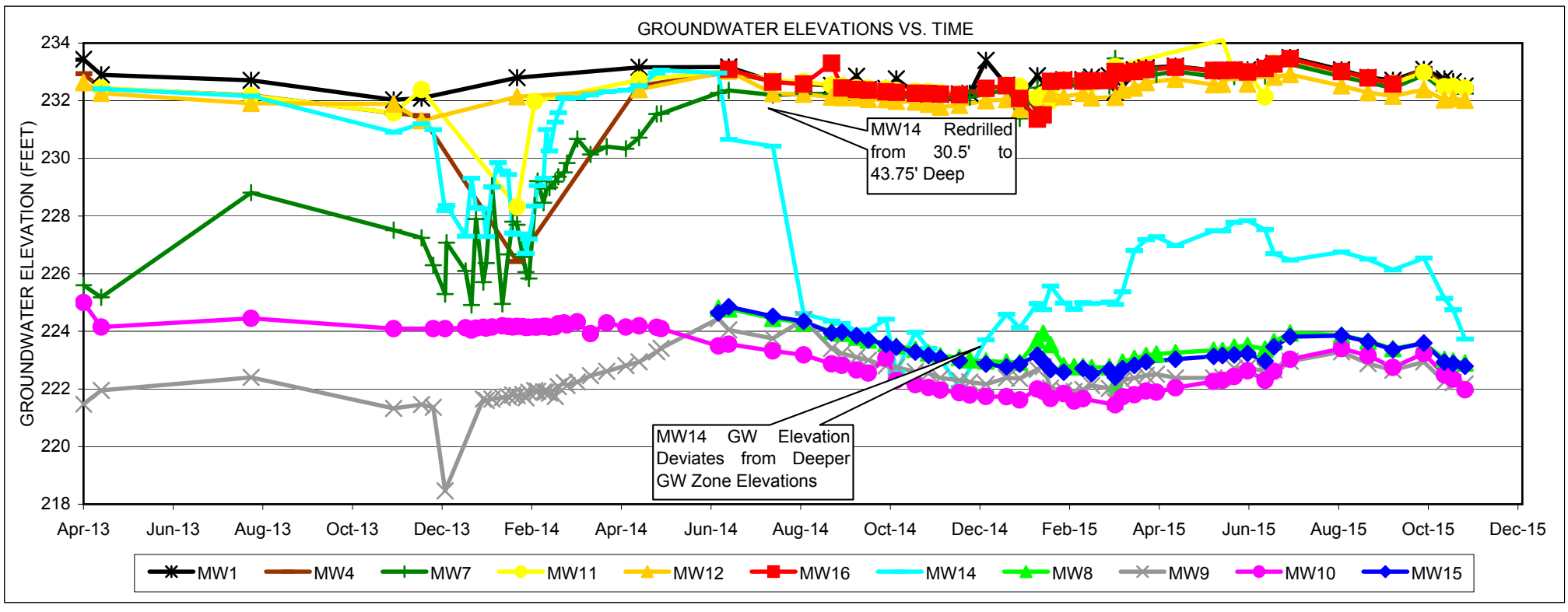

MW9 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
>99% Reduction in BTEX & VOC Concentrations
≈98% Reduction in Benzene Concentration
MW9 BENZENE
MW9 BTEX
MW9 VOC
MW9 GROUNDWATER


MW10 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
10000
1000
100
10
1
225.0
224.5
224.0
223.5
223.0
222.5
222.0
221.5
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW10 BENZENE
MW10 BTEX
MW10 VOC
MW10 GROUNDWATER


MW11 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
1000
100
10
1
234
233
232
231
230
229
228
≈100% Reduction in
BTEX & VOC Concentrations
≈100% Reduction in
Benzene Concentration
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW11 BENZENE
MW11 BTEX
MW11 VOC
MW11 GROUNDWATER


MW14 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
100000
10000
1000
100
10
234
232
230
228
226
224
222
220
LNAPL Ending 03/12/14
LNAPL Beginning 11/14/13
Well Redrilled from
30.5' to 43.75' Deep
LNAPL Beginning 10/22/14
LNAPL Ending 02/13/15
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW14 BENZENE
MW14 BTEX
MW14 VOC
MW14 GROUNDWATER


MW15 HYDROGRAPH & VOC CONCENTRATIONS VS. TIME
CONCENTRATION (ug/l)
GROUNDWATER ELEVATION (feet)
10000
1000
100
10
1
225.0
224.5
224.0
223.5
223.0
222.5
222.0
VOC & BTEX
Concentrations Fluctuate
with GW Elevations
Benzene Concentration
Rising with Increase in GW
Elevation
Dec-12
Feb-13
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW15 BENZENE
MW15 BTEX
MW15 VOC
MW15 GROUNDWATER


GROUNDWATER ELEVATIONS VS. TIME
GROUNDWATER ELEVATION (FEET)
234
232
230
228
226
224
222
220
218
Apr-13
Jun-13
Aug-13
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
MW14 Redrilled from 30.5' to 43.75' Deep
MW14 GW Elevation Deviates from Deeper GW Zone Elevations
MW1
MW4
MW7
MW11
MW12
MW16
MW14
MW8
MW9
MW10
MW15

Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
MW1	12/26/12	259.01	34.75	Clear	25.95				233.06	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	0.35
	04/17/13			Clear	25.57				233.44													
	04/29/13			Clear	26.11				232.90	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.22
	08/09/13			Clear	26.30				232.71	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.19
	11/14/13			Clear	26.98				232.03	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.21
	12/03/13			Clear	26.92				232.09													
	02/06/14			Clear	26.21				232.80	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.22
	04/30/14			Clear	25.85				233.16	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	2.3	<0.22
	06/30/14			Clear	25.84				233.17	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.22
	07/30/14			Clear	26.34				232.67													
	08/20/14			Clear	26.43				232.58													
	09/08/14			Clear	26.48				232.53	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.21
	09/15/14			Clear	26.57				232.44													
	09/25/14			Clear	26.16				232.85													
	10/03/14			Clear	26.62				232.39													
	10/15/14			Clear	26.58				232.43													
	10/22/14			Clear	26.25				232.76													
	11/04/14			Clear	26.75				232.26													
	11/13/14			Clear	26.78				232.23													
	11/21/14			Clear	26.79				232.22													
	12/04/14			Clear	26.77				232.24	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.22
	12/11/14			Clear	26.75				232.26													
	12/22/14			Clear	25.61				233.40													
	01/05/15			Clear	26.47				232.54													
	01/14/15			Clear	26.91				232.10													
	01/26/15			Clear	26.14				232.87													
	01/30/15			Clear	26.38				232.63													
	02/04/15			Clear	26.34				232.67													
	02/13/15			Clear	26.28				232.73	<1	<1	<1	14	5	<5	<5	<5	<5	17	36	0.73	0.38
	02/26/15			Clear	26.28				232.73													
	03/04/15			Clear	26.19				232.82													
	03/16/15			Clear	26.14				232.87													
	03/20/15			Clear	26.71				232.30													
	03/25/15			Clear	26.55				232.46													
	04/02/15			Clear	25.94				233.07													
	04/10/15			Clear	25.87				233.14	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	0.27	0.36
	04/30/15			Clear	25.81				233.20													
	05/26/15			Clear	25.96				233.05													
	06/01/15			Clear	25.95				233.06													
	06/09/15			Clear	25.94				233.07													
	06/18/15			Clear	25.94				233.07													
	06/30/15			Clear	25.84				233.17	<1	<1	<1	13	<5	<5	<5	8	<5	10	31	0.26	0.81
	07/06/15			Clear	25.71				233.30													
	07/17/15			Clear	25.51				233.50													
	08/21/15			Clear	25.94				233.07													
	09/08/15			Clear	26.20				232.81													
	09/25/15			Clear	26.30				232.71													
	10/16/15			Clear	25.92				233.09													
	10/30/15			Clear	26.25				232.76													
	11/05/15			Clear	26.35				232.66	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.22
	11/13/15			Clear	26.50				232.51													
MW2	04/17/13	257.42	34.75	na	Dry				na													
	04/29/13			na	Dry				na													
	08/09/13			na	Dry				na													
	11/14/13			na	Dry				na													
	02/06/14			na	Dry				na													
	04/30/14			na	Dry				na													
	06/30/14			Clear	32.79				224.63	180	57	1000	1800	120	<50	<50	<50	72	760	3989	12	7.8
	07/30/14			Clear	33.10				224.32													
	08/20/14			Clear	33.28				224.14													
	09/08/14			Clear	33.58				223.84	240	<10	1600	1900	<50	<50	73	120	150	740	4823	34	20
	09/15/14			Clear	33.63				223.79													
	09/25/14			Clear	33.80				223.62													
	10/03/14			Clear	33.91				223.51													
	10/15/14			Clear	34.70				222.72													
	10/22/14			Clear	34.17				223.25													
	11/04/14			Clear	34.30				223.12													
	11/13/14			Clear	34.40				223.02													
	11/21/14			Clear	34.51				222.91													
	12/04/14			Clear	34.60				222.82													
	12/11/14			Clear	34.66				222.76													
	12/22/14			na	Dry				na													
	01/05/15			na	Dry				na													
	01/14/15			Clear	34.29				223.13													
	01/26/15			Clear	34.07				223.35													
	01/30/15			na	Dry				na													
	02/04/15			na	Dry				na													
	02/13/15			na	Dry				na													
	02/26/15			na	Dry				na													
	03/04/15			na	ICE				na													
	03/16/15			na	Dry				na													
	03/20/15			Clear	33.82				223.60													
	03/25/15			na	Dry				na													
	04/02/15			na	Dry				na													
	04/10/15			na	Dry				na													
	04/17/15			Clear	34.61				222.81													
	04/30/15			na	Dry				na													
	05/26/15			na	Dry				na													
	06/01/15			na	Dry				na													
	06/09/15			Clear	34.41				223.01													
	06/18/15			Clear	34.35				223.07													
	06/30/15			Clear	34.37				223.05													
	07/06/15			Clear	34.15				223.27													
	07/17/15			Clear	33.85				223.57													
	08/21/15			Clear	33.77				223.65													
	09/08/15			Clear	33.99				223.43													
	09/25/15			Clear	34.24				223.18	240	18	300	160	<25	<25	49	65	49	270	1151	14	15
	10/16/15			Clear	33.65				223.77													
	10/30/15			Clear	34.61				222.81													
	11/05/15			Clear	34.67				222.75													
	11/13/15			Clear	34.71				222.71													
TF3	04/17/13	258.63	12.96	na	Dry				na													
	02/26/15			na	Dry				na													

Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
	12/26/12			Clear	26.34				232.88	2900	300	690	1200	41	61	220	<100	35	<200	5447	9.9	0.28
	04/17/13			Clear	26.28				232.94													
	04/29/13			Clear	26.80				232.42	160	110	62	120	26	<10	92	<50	<10	<100	570	3.1	0.37
	08/09/13			Clear	27.03				232.19	84	9	25	31	<5	<5	35	29	<5	<50	213	1.9	<0.2
	11/14/13			Clear	27.65				231.57	69	10	19	61	15	<1	52	33	5	22	286	2.8	0.55
	12/03/13			Clear	27.74				231.48													
	02/06/14			Clear	32.80				226.42	29	<10	<10	<20	<10	<10	<50	<50	<10	<100	29	1.4	<0.22
	04/30/14			Clear	26.70				232.52	11	<1	1	5	<1	<1	9	10	<1	<10	36	1.4	0.4
	06/30/14			Clear	26.23				232.99	<1	<1	<1	6	<1	<5	<5	<5	<5	<10	6	0.33	0.25
	07/30/14			Clear	26.55				232.67													
	08/20/14			Clear	26.60				232.62													
	09/08/14			Clear	26.70				232.52	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	0.28	0.23
	09/15/14			Clear	26.71				232.51													
	09/25/14			Clear	26.77				232.45													
	10/03/14			Clear	26.78				232.44													
	10/15/14			Clear	26.83				232.39													
	10/22/14			Clear	26.86				232.36													
	11/04/14			Clear	26.87				232.35													
	11/13/14			Clear	26.92				232.30													
	11/21/14			Clear	26.94				232.28													
	12/04/14			Clear	26.97				232.25	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	0.24	0.25
	12/11/14			Clear	26.91				232.31													
	12/22/14			Clear	26.81				232.41													
	01/05/15			Clear	26.67				232.55													
	01/14/15			Clear	26.69				232.53													
MW4	01/26/15	259.22	34.10	Clear	27.63				231.59													
	01/30/15			Clear	26.81				232.41													
	02/04/15			Clear	26.50				232.72													
	02/13/15			Clear	26.51				232.71	<1	<1	<1	<5	<5	5	<5	<5	<5	<10	5	0.38	0.24
	02/26/15			Clear	26.56				232.66													
	03/04/15			Clear	26.61				232.61													
	03/16/15			Clear	26.49				232.73													
	03/20/15			Clear	26.48				232.74													
	03/25/15			Clear	26.34				232.88													
	04/02/15			Clear	26.24				232.98													
	04/10/15			Clear	26.17				233.05	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.22
	04/30/15			Clear	26.02				233.20													
	05/26/15			Clear	26.22				233.00													
	06/01/15			Clear	26.29				232.93													
	06/09/15			Clear	26.23				232.99													
	06/18/15			Clear	26.20				233.02													
	06/30/15			Clear	26.18				233.04	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.23
	07/06/15			Clear	25.88				233.34													
	07/17/15			Clear	25.80				233.42													
	08/21/15			Clear	26.22				233.00													
	09/08/15			Clear	26.44				232.78													
	09/25/15			Clear	26.63				232.59													
	10/16/15			Clear	26.10				233.12													
	10/30/15			Clear	26.71				232.51													
	11/05/15			Clear	26.74				232.48	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.23
	11/13/15			Clear	26.78				232.44													
TF5	04/17/13	258.22	11.70	na	Dry				na													
	02/26/15			na	Dry				na													
TF6	04/17/13	258.18	9.70	na	Dry				na													
	02/26/15			na	Dry				na													
	04/17/13			Clear	32.76				225.60													
	04/29/13			Clear	33.18				225.18	1500	800	620	1500	160	<100	<500	<500	<100	<1000	4580	20	3.4
	08/09/13			Clear	29.55				228.81	1000	19000	2400	7000	2600	<50	<250	<250	210	650	32860	44	24
	11/14/13			28.90	30.03	1.13	1.75	1.75	227.51													
	12/03/13			28.98	30.22	1.24	1.75	3.50	227.24													
	12/11/13			29.79	31.11	1.32	2.25	5.75	226.30													
	12/19/13			29.19	31.44	2.25	1.50	7.25	225.29													
	12/20/13			29.56	30.56	1.00	0.50	7.75	227.08													
	01/02/14			28.49	30.68	2.19	2.25	10.00	226.10													
	01/06/14			28.45	31.35	2.90	2.25	12.25	224.91													
	01/09/14			29.31	29.98	0.67	0.25	12.50	227.90													
	01/14/14			28.57	30.94	2.37	1.50	14.00	225.71													
	01/16/14			29.89	31.11	1.22	1.00	15.00	226.37													
	01/20/14			28.59	29.01	0.42	2.00	17.00	229.05													
	01/27/14			28.36	31.29	2.93	1.00	18.00	224.95													
	01/31/14			28.40	30.31	1.91	1.50	19.50	226.67													
	02/03/14			28.61	29.74	1.13	3.25	22.75	227.80													
	02/06/14			28.68	29.83	1.15	3.00	25.75	227.70													
	02/10/14			30.11	31.08	0.97	3.00	28.75	226.58													
	02/12/14			28.46	30.69	2.23	3.75	32.50	226.06													
	02/14/14			28.36	30.78	2.42	1.50	34.00	225.83													
	02/18/14			28.79	29.49	0.70	0.10	34.10	228.36													
	02/20/14			28.63	28.93	0.30	0.10	34.20	229.21													
	02/24/14			28.52	29.32	0.80	0.20	34.40	228.46													
	02/26/14			28.51	29.03	0.52	0.30	34.70	228.95													
	02/28/14			28.44	28.98	0.54	0.20	34.90	228.99													
	03/04/14			28.25	28.78	0.53	0.35	35.25	229.20													
	03/06/14			28.22	28.67	0.45	0.50	35.75	229.36													
	03/10/14			28.12	28.54	0.42	0.05	35.80	229.52													
	03/12/14			28.09	28.34	0.25	0.05	35.85	229.84													
	03/19/14			27.58	27.64	0.06	0.10	35.95	230.68													
	03/28/14			28.00	28.13	0.13	0.05	36.00	230.14													
	04/08/14			27.95	27.95	0.00	0.00	36.00	230.41													
	04/21/14			27.51	27.81	0.30	0.35	36.35	230.33													
	04/30/14			27.64	27.64	0.00	0.00	36.35	230.72	500	1100	440	1000	230	<10	51	58	46	110	3564	8.7	3.4
	05/12/14			26.82	26.82	0.00	0.00	36.35	231.54													
	05/15/14			26.81	26.81	0.00	0.00	36.35	231.55													
	06/23/14			26.09	26.09	0.00	0.00	36.35	232.27													
	06/30/14			26.00	26.00	0.00	0.00	36.35	232.36	180	450	250	540	92	<50	<50	<50	<50	<100	1512	7.1	7.6
	07/30/14			26.16	26.16	0.00	0.00	36.35	232.20													
	08/20/14			26.12	26.12	0.00	0.00	36.35	232.24													
MW7	09/08/14	258.36	34.10	26.12	26.12	0.00	0.00	36.35	232.24	99	320	230	430	53	<50	<50	70	<50	<100	1202	9.4	2.4
	09/15/14			26.17	26.17	0.00	0.00	36.35	232.19													
	09/25/14			26.21	26.21	0.00	0.00	36.35	232.15													
	10/03/14			26.20	26.20	0.00	0.00	36.35	232.16													
	10/15/14			26.20	26.20	0.00	0.00	36.35	232.16													
	10/22/14			26.24	26.24	0.00	0.00	36.35	232.12													
	11/04/14			26.20	26.20	0.00	0.00	36.35	232.16													
	11/13/14			26.24	26.24	0.00	0.00	36.35	232.12													
	11/21/14			26.25	26.25	0.00	0.00	36.35	232.11													
	12/04/14			26.30	26.30	0.00	0.00	36.35	232.06	<10	<10	250	400	<50	<50	<50	<50	<50	<100	679	5.7	1.4
	12/11/14			26.23	26.23	0.00	0.00	36.35	232.13													
	12/22/14			26.13	26.13	0.00	0.00	36.35	232.23													
	01/05/15			25.97	25.97	0.00	0.00	36.35	232.39													
	01/14/15			26.97	26.97	0.00	0.00	36.35	231.39													
	01/26/15			25.91	25.91	0.00	0.00	36.35	232.45													
	01/30/15			26.41	26.41	0.00	0.00	36.35	231.95													
	02/04/15			25.82	25.82	0.00	0.00	36.35	232.54													
	02/13/15			25.81	25.81	0.00	0.00	36.35	232.55	<1	<1	63	89	6	<5	24	37	14	27	260	3.4	3.9
	02/26/15			25.84	25.84	0.00	0.00	36.35	232.52													
	03/04/15			25.92	25.92	0.00	0.00	36.35	232.44													
	03/16/15			25.85	25.85	0.00	0.00	36.35	232.51													
	03/20/15			24.89	24.89	0.00	0.00	36.35	233.47													
	03/25/15			25.61	25.61	0.00	0.00	36.35	232.75													
	04/02/15			25.52	25.52	0.00	0.00	36.35	232.84													
	04/10/15			25.46	25.46	0.00	0.00	36.35	232.90	9	<1	110	130	<5	<5	25	31	17	31	353	3.6	1.7
	04/17/15			25.45	25.45	0.00	0.00	36.35	232.91													
	04/30/15			25.34	25.34	0.00	0.00	36.35	233.02													
	05/26/15			25.52	25.52	0.00	0.00	36.35	232.84													
	06/01/15			25.58	25.58	0.00	0.00	36.35	232.78													
	06/09/15			25.52	25.52	0.00	0.00	36.35	232.84													
	06/18/15			25.49	25.49	0.00	0.00	36.35	232.87													
	06/30/15			25.51	25.51	0.00	0.00	36.35	232.85	11	8	52	80	<5	<5	22	37	11	19	240	3	2.4
	07/06/15			25.19	25.19	0.00	0.00	36.35	233.17													
	07/17/15			25.09	25.09	0.00	0.00	36.35	233.27													
	08/21/15			25.52	25.52	0.00	0.00	36.35	232.84													
	09/08/15			25.73	25.73	0.00	0.00	36.35	232.63													
	09/25/15			25.92	25.92	0.00	0.00	36.35	232.44													
	10/16/15			25.47	25.47	0.00	0.00	36.35	232.89													
	10/30/15			26.01	26.01	0.00	0.00	36.35	232.35													
	11/05/15			26.04	26.04	0.00	0.00	36.35	232.32	18	<1	72	85	<5	<5	27	40	15	28	285	5.7	1.4
	11/13/15			26.11	26.11	0.00	0.00	36.35	232.25													

Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
MW8	04/17/13	258.89	34.11	Clear	33.22				225.67													
	04/29/13			Clear	33.30				225.59	1500	900	1600	4100	490	<100	<500	<500	<100	<1000	8590	18	4.2
	08/09/13			Clear	33.29				225.60	1300	2300	2800	8300	2300	<50	<250	<250	170	1200	18370	46	12
	11/14/13			Clear	33.29				225.60													
	12/03/13			DRY	34.10				224.79													
	12/11/13			DRY	34.10				224.79													
	02/06/14			Clear	33.40				225.49													
	04/30/14			Clear	33.36				225.53	670	150	770	2300	340	<10	<50	55	71	670	5026	17	190
	06/23/14	258.80	43.60	Clear	34.00				224.80													
	06/30/14			Clear	34.02				224.78	<10	<10	510	1600	260	<50	<50	<50	<50	220	2590	10	5.1
	07/30/14			Clear	34.35				224.45													
	08/20/14			Clear	34.51				224.29													
	09/08/14			Clear	34.79				224.01	<1	<1	6	10	<5	<5	<5	<5	<5	<10	16	0.38	0.8
	09/15/14			Clear	34.87				223.93													
	09/25/14			Clear	35.00				223.80													
	10/03/14			Clear	35.10				223.70													
	10/15/14			Clear	35.22				223.58													
	10/22/14			Clear	35.31				223.49													
	11/04/14			Clear	35.42				223.38													
	11/13/14			Clear	35.56				223.24													
	11/21/14			Clear	35.65				223.15													
	12/04/14			Clear	35.71				223.09	<1	<1	19	14	<5	<5	<5	<5	<5	57	90	<0.2	0.73
	12/11/14			Clear	35.79				223.01													
	12/22/14			Clear	35.83				222.97													
	01/05/15			Clear	35.87				222.93													
	01/14/15			Clear	35.88				222.92													
	01/26/15			Clear	35.12				223.68													
	01/30/15			Clear	34.87				223.93													
	02/04/15			Clear	35.26				223.54													
	02/13/15			Clear	36.00				222.80	6	<1	26	20	21	<5	5	<5	<5	25	103	1.3	1.7
	02/20/15			Clear	36.03				222.77													
	02/26/15			Clear	36.02				222.78													
	03/04/15			Clear	36.06				222.74													
	03/16/15			Clear	36.04				222.76													
	03/20/15			Clear	36.62				222.18													
	03/25/15			Clear	35.87				222.93													
	04/02/15			Clear	35.74				223.06													
	04/10/15			Clear	35.64				223.16	53	<1	310	62	16	<5	<5	13	17	140	611	2.3	1.5
	04/17/15			Clear	35.59				223.21													
	04/30/15			Clear	35.54				223.26													
	05/26/15			Clear	35.46				223.34													
	06/01/15			Clear	35.47				223.33													
	06/09/15			Clear	35.35				223.45													
	06/18/15			Clear	35.29				223.51													
	06/30/15			Clear	35.42				223.38	22	<1	380	170	18	<5	21	18	24	160	813	3.6	1.7
	07/06/15			Clear	35.16				223.64													
	07/17/15			Clear	34.86				223.94													
	08/21/15			Clear	34.93				223.87													
	09/08/15			Clear	35.14				223.66													
	09/25/15			Clear	35.40				223.40													
	10/16/15			Clear	35.21				223.59													
	10/30/15			Clear	35.77				223.03													
	11/05/15			Clear	35.83				222.97	11	<1	61	38	9	<5	11	8	<5	22	160	1.6	0.81
	11/13/15			Clear	35.90				222.90													
MW9	04/17/13	257.50	40.50	Clear	36.03				221.47													
	04/29/13			LPH	35.55				221.95	PURGE WATER CONTAINED DARK BROWN FREE-PHASE GASOLINE PRODUCT												
	08/09/13			LPH	35.10				222.40	6500	52000	6800	21000	9500	240	300	810	630	1700	99480	170	160
	11/14/13			35.95	36.08	0.13	0.05		221.33	1800	15000	3200	9200	3900	160	130	110	220	610	34598	50	45
	12/03/13			36.04	36.04	0.00	0.00		221.46													
	12/11/13			36.12	36.13	0.01	0.00		221.36													
	12/19/13			39.04	39.04	0.00	0.00		218.46													
	01/14/14			Clear	35.85				221.65													
	01/16/14			Clear	35.90				221.60													
	01/20/14			Clear	35.85				221.65													
	01/27/14			Clear	35.80				221.70													
	01/31/14			Clear	35.77				221.73													
	02/03/14			Clear	35.71				221.79													
	02/06/14			Clear	35.73				221.77													
	02/10/14			Clear	35.69				221.81													
	02/12/14			Clear	35.81				221.69													
	02/14/14			Clear	35.62				221.88													
	02/18/14			Clear	35.56				221.94	690	2200	800	3400	1500	630	91	93	83	330	21894	27	6.4
	02/20/14			Clear	35.58				221.92													
	02/24/14			Clear	35.60				221.90													
	02/26/14			Clear	35.60				221.90													
	02/28/14			Clear	35.65				221.85													
	03/04/14			Clear	35.76				221.74													
	03/06/14			Clear	35.42				222.08													
	03/10/14			Clear	35.28				222.22													
	03/12/14			Clear	35.38				222.12													
	03/19/14			Clear	35.26				222.24													
	03/28/14			Clear	35.04				222.46													
	04/08/14			Clear	34.89				222.61													
	04/21/14			Clear	34.69				222.81													
	04/30/14			Clear	34.56				222.94	190	750	330	1600	920	93	<50	100	74	240	4297	12	10
	05/12/14			Clear	34.21				223.29													
	05/15/14			Clear	34.09				223.41													
	06/23/14			Clear	33.06				224.44													
	06/30/14			Clear	33.45				224.05	<50	1200	<50	820	450	<250	<250	<250	<250	<500	2470	51	39
	07/30/14			Clear	33.75				223.75													
	08/20/14			Clear	33.09				224.41													
	09/08/14			Clear	34.10				223.40	140	600	90	360	180	<50	<50	<50	<50	130	1500	5.7	5.8
	09/15/14			Clear	34.27				223.23													
	09/25/14			Clear	34.40				223.10													
	10/03/14			Clear	34.50				223.00													
	10/15/14			Clear	34.70				222.80													
	10/22/14			Clear	34.75				222.75													
	11/04/14			Clear	34.90				222.60													
	11/13/14			Clear	34.96				222.54													
	11/21/14			Clear	35.12				222.38													
	12/04/14			Clear	35.20				222.30	<50	690	<50	630	360	<250	<250	<250	<250	<500	1680	110	18
	12/11/14			Clear	35.26				222.24													
	12/22/14			Clear	35.34				222.16													
	01/05/15			Clear	35.12				222.38													
	01/14/15			Clear	35.14				222.36													
	01/26/15			Clear	34.82				222.68													
	01/30/15			Clear	34.72				222.78													
	02/04/15			Clear	35.47				222.03													
	02/13/15			Clear	35.55				221.95	180	690	66	390	270	<50	<50	<50	<50	<100	1596	60	13
	02/20/15			Clear	35.59				221.91													
	02/26/15			Clear	35.52				221.98													
	03/04/15			Clear	35.38				222.12													
	03/16/15			Clear	35.48				222.02													
	03/20/15			Clear	35.94				221.56													
	03/25/15			Clear	35.19				222.31													
	04/02/15			Clear	35.12				222.38													
	04/10/15			Clear	35.03				222.47	130	220	56	180	95	<50	<50	<50	<50	<100	681	4.9	3.8
	04/17/15			Clear	34.99				222.51													
	04/30/15			Clear	35.12				222.38													
	05/26/15			Clear	35.12				222.38													
	06/01/15			Clear	35.09				222.41													
	06/09/15			Clear	34.78				222.72													
	06/18/15			Clear	34.76				222.74													
	06/30/15			Clear	34.89				222.61	190	460	<10	280	260	75	<50	<50	<50	<100	1265	5.5	15
	07/06/15			Clear	34.84				222.66													
	07/17/15			Clear	34.54				222.96													
	08/21/15			Clear	34.21				223.29													
	09/08/15			Clear	34.62				222.88													
	09/25/15			Clear	34.85				222.65													
	10/16/15			Clear	34.56				222.94													
	10/30/15			Clear	35.25				222.25													
	11/05/15			Clear	35.28				222.22	100	200	24	150	150	93	16	17	<5	20	843	8.1	5.8
	11/13/15			Clear	35.33				222.17													

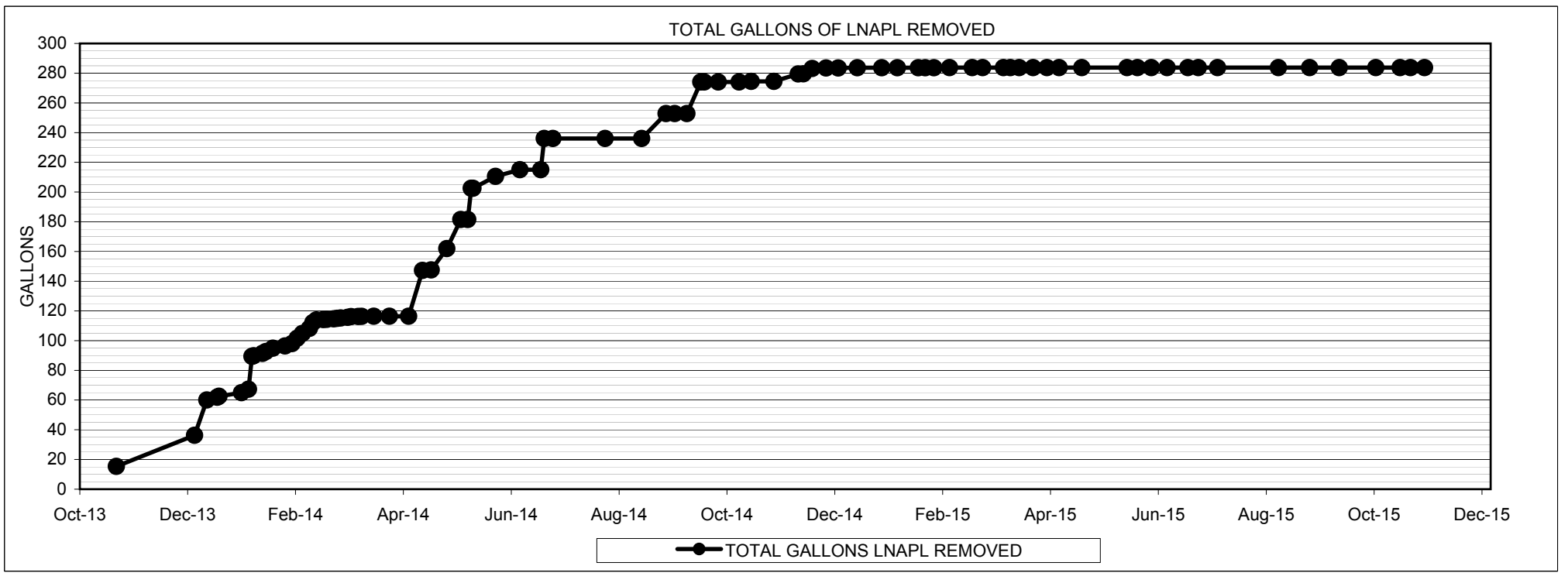
Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
	04/17/13			Clear	33.24				225.00													
	04/29/13			Clear	34.09				224.15	INSUFFICIENT WATER IN WELL TO SAMPLE												
	08/09/13			Clear	33.79				224.45	INSUFFICIENT WATER IN WELL TO SAMPLE												
	11/14/13			DRY	34.15				224.09	INSUFFICIENT WATER IN WELL TO SAMPLE												
	12/11/13			DRY	34.15				224.09	INSUFFICIENT WATER IN WELL TO SAMPLE												
	12/19/13			DRY	34.15				224.09													
	01/02/14			DRY	34.12				224.12													
	01/06/14			DRY	34.20				224.04													
	01/09/14			Clear	34.13				224.11													
	01/14/14			Clear	34.10				224.14													
	01/16/14			Clear	34.13				224.11													
	01/20/14			Clear	34.09				224.15													
	01/27/14			Clear	34.05				224.19													
	01/31/14			Clear	34.07				224.17													
	02/03/14			Clear	34.09				224.15													
	02/06/14			Clear	34.07				224.17													
	02/10/14			Clear	34.08				224.16													
	02/12/14	258.24	34.20	Clear	34.11				224.13													
	02/14/14			Clear	34.10				224.14													
	02/18/14			Clear	34.09				224.15													
	02/20/14			Clear	34.09				224.15													
	02/24/14			Clear	34.07				224.17													
	02/26/14			Clear	34.07				224.17													
	02/28/14			Clear	34.10				224.14													
	03/04/14			Clear	34.08				224.16													
	03/06/14			Clear	33.98				224.26													
	03/10/14			Clear	33.95				224.29													
	03/12/14			Clear	34.02				224.22													
	03/19/14			Clear	33.91				224.33													
	03/28/14			Clear	34.32				223.92													
	04/08/14			Clear	33.95				224.29													
	04/21/14			Clear	34.09				224.15													
	04/30/14			Clear	34.05				224.19	INSUFFICIENT WATER IN WELL TO SAMPLE												
	05/12/14			Clear	34.10				224.14													
	05/15/14			Clear	34.15				224.09													
	06/23/14			Clear	34.68				223.49													
	06/30/14			Clear	34.62				223.55	410	2700	770	2900	1100	<100	<100	<100	<100	310	8190	21	9
	07/30/14			Clear	34.85				223.32													
	08/20/14			Clear	34.99				223.18													
MW10	09/08/14			Clear	35.30				222.87	320	1100	360	1000	310	<100	<100	<100	<100	<200	3090	8.7	2.6
	09/15/14			Clear	35.35				222.82													
	09/25/14			Clear	35.51				222.66													
	10/03/14			Clear	35.62				222.55													
	10/15/14			Clear	35.10				223.07													
	10/22/14			Clear	35.87				222.30													
	11/04/14			Clear	36.02				222.15													
	11/13/14			Clear	36.12				222.05													
	11/21/14			Clear	36.21				221.96													
	12/04/14			Clear	36.30				221.87	230	1000	150	1100	420	<100	<100	<100	<100	<200	2900	11	2.5
	12/11/14			Clear	36.38				221.79													
	12/22/14			Clear	36.43				221.74													
	01/05/15			Clear	36.44				221.73													
	01/14/15			Clear	36.55				221.62													
	01/26/15			Clear	36.17				222.00													
	01/30/15			Clear	36.25				221.92													
	02/04/15			Clear	36.50				221.67													
	02/13/15	258.17	43.60	Clear	36.33				221.84	580	2200	280	2000	720	<50	<50	<50	<50	180	5960	15	3.6
	02/20/15			Clear	36.59				221.58													
	02/26/15			Clear	36.51				221.66													
	03/20/15			Clear	36.72				221.45													
	03/25/15			Clear	36.44				221.73													
	04/02/15			Clear	36.37				221.80													
	04/10/15			Clear	36.24				221.93	100	140	<10	220	140	<50	<50	<50	<50	<100	600	2.9	2.4
	04/17/15			Clear	36.28				221.89													
	04/30/15			Clear	36.13				222.04													
	05/26/15			Clear	35.91				222.26													
	06/01/15			Clear	35.87				222.30													
	06/09/15			Clear	35.74				222.43													
	06/18/15			Clear	35.54				222.63													
	06/30/15			Clear	35.87				222.30	650	1200	510	1900	460	<50	<50	<50	<50	150	4870	4.4	3.7
	07/06/15			Clear	35.56				222.61													
	07/17/15			Clear	35.14				223.03													
	08/21/15			Clear	34.77				223.40													
	09/08/15			Clear	35.01				223.16													
	09/25/15			Clear	35.42				222.75	380	820	82	1100	220	<50	<50	<50	<50	110	2712	6.8	1.4
	10/16/15			Clear	34.94				223.23													
	10/30/15			Clear	35.68				222.49													
	11/05/15			Clear	35.83				222.34	300	130	140	980	68	6	48	28	10	97	1807	6.5	1.9
	11/13/15			Clear	36.20				221.97													
	04/29/13			Clear	27.58				232.44	59	4	<1	18	<1	<1	72	54	<1	<10	207	2.6	0.42
	08/09/13			Clear	27.84				232.18	17	1	<1	3	<1	<1	25	26	<1	<10	72	1.2	<0.2
	11/14/13			Clear	28.44				231.58	7	<1	<1	<2	<1	<1	7	5	<1	<10	19	0.54	na
	12/03/13			Clear	27.63				232.39													
	02/06/14			Clear	31.70				228.32													
	02/18/14			Clear	28.04				231.98	3	<1	<1	2	<1	<1	6	<5	<1	<10	11	0.74	1.8
	04/30/14			Clear	27.30				232.72	INSUFFICIENT WATER IN WELL TO SAMPLE												
	06/30/14			Clear	26.98				233.04	<1	<1	<1	10	<5	<5	<5	<5	<5	<10	10	0.29	0.5
	07/30/14			Clear	27.31				232.71													
	08/20/14			Clear	27.36				232.66													
	09/08/14			Clear	27.48				232.54	<1	<1	13	39	10	<5	<5	7	<5	12	81	<0.2	<0.22
	09/15/14			Clear	27.50				232.52													
	09/25/14			Clear	27.57				232.45													
	10/03/14			Clear	27.58				232.44													
	10/15/14			Clear	27.60				232.42													
	10/22/14			Clear	27.66				232.36													
	11/04/14			Clear	27.69				232.33													
	11/13/14			Clear	27.70				232.32													
	11/21/14			Clear	27.74				232.28													
	12/04/14			Clear	27.78				232.24	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	0.24
	12/22/14			Clear	27.65				232.37													
MW11	01/05/15	260.02	31.70	Clear	27.47				232.55													
	01/14/15			Clear	27.52				232.50													
	01/26/15			Clear	27.92				232.10													
	01/30/15			Clear	27.81				232.21													
	02/04/15			Clear	28.03				231.99													
	02/13/15			Clear	27.30				232.72	<1	<1	<1	<5	<5	<5	<5	<5	<5	15	15	0.37	0.65
	02/26/15			Clear	27.34				232.68													
	03/04/15			Clear	27.42				232.60													
	03/20/15			Clear	26.83				233.19													
	06/01/15			Clear	25.91				234.11													
	06/09/15			Clear	27.04				232.98													
	06/18/15			Clear	27.01				233.01													
	06/30/15			Clear	27.89				232.13	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	0.38
	07/06/15			Clear	26.70				233.32													
	07/17/15			Clear	26.58				233.44													
	08/21/15			Clear	27.02				233.00													
	09/08/15			Clear	27.24				232.78													
	09/25/15			Clear	27.42				232.60													
	10/16/15			Clear	27.04				232.98													
	10/30/15			Clear	27.53				232.49													
	11/05/15			Clear	27.52				232.50													
	11/13/15			Clear	27.58				232.44													

Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
MW12	04/17/13	259.24	34.70	Clear	26.61				232.63													
	04/29/13			Clear	26.98				232.26	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	0.31
	08/09/13			Clear	27.33				231.91	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	0.33
	11/14/13			Clear	27.35				231.89	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.22
	12/03/13			Clear	27.93				231.31													
	02/06/14			Clear	27.10				232.14	<1	<1	<1	<2	<1	<1	<5	<5	<1	<10	0	<0.2	<0.25
	04/30/14			Clear	26.85				232.39	<1	<1	<1	2	<1	<1	<5	<5	<1	<10	2	0.25	0.42
	06/30/14			Clear	26.21				233.03	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	<0.23
	07/30/14			Clear	26.99				232.25													
	08/20/14			Clear	27.01				232.23													
	09/08/14			Clear	27.11				232.13	<1	<1	8	23	6	<5	<5	<5	<5	<10	37	<0.2	<0.22
	09/15/14			Clear	27.13				232.11													
	09/25/14			Clear	27.13				232.11													
	10/03/14			Clear	27.19				232.05													
	10/15/14			Clear	27.20				232.04													
	10/22/14			Clear	27.26				231.98													
	11/04/14			Clear	27.28				231.96													
	11/13/14			Clear	27.36				231.88													
	11/21/14			Clear	27.46				231.78													
	12/04/14			Clear	27.40				231.84	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	0.29	0.3
	12/22/14			Clear	27.24				232.00													
	01/05/15			Clear	27.20				232.04													
	01/14/15			Clear	27.54				231.70													
	01/26/15			Clear	27.84				231.40													
	01/30/15			Clear	27.63				231.61													
	02/04/15			Clear	27.00				232.24													
	02/13/15			Clear	27.10				232.14	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	0.2	0.28
	02/26/15			Clear	26.98				232.26													
	03/04/15			Clear	27.14				232.10													
	03/20/15			Clear	27.12				232.12													
	03/25/15			Clear	26.87				232.37													
	04/02/15			Clear	26.80				232.44													
	04/10/15			Clear	26.61				232.63	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	0.25
	04/30/15			Clear	26.49				232.75													
	05/26/15			Clear	26.68				232.56													
	06/01/15			Clear	26.67				232.57													
	06/09/15			Clear	26.25				232.99													
	06/18/15			Clear	26.66				232.58													
	06/30/15			Clear	26.18				233.06	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	<0.2	0.27
	07/06/15			Clear	26.42				232.82													
	07/17/15			Clear	26.33				232.91													
	08/21/15			Clear	26.72				232.52													
	09/08/15			Clear	26.96				232.28													
	09/25/15			Clear	27.08				232.16													
	10/16/15			Clear	26.85				232.39													
	10/30/15			Clear	27.21				232.03													
	11/05/15			Clear	27.17				232.07	3	<1	<1	7	<5	<5	<5	<5	<5	<10	10	<0.2	<0.23
	11/13/15			Clear	27.22				232.02													
TF13	04/29/13	257.64	11.10	Clear	10.76				246.88	100	1300	210	880	490	<10	<50	<50	46	160	3186	13	na
	07/30/14			Clear	11.02				246.62													
	02/26/15			na	Dry				na													
MW14	04/29/13	257.61	30.30	Clear	25.20				232.41	26	<10	36	200	12	<10	130	210	230	100	944	19	55
	08/09/13			Clear	25.45				232.16	56	<50	310	1300	140	<50	<250	<250	280	<500	2086	20	9.2
	11/14/13			26.21	26.49	0.28	Trace	Trace	230.91													
	12/03/13			Clear	26.41	0.00	0.00	Trace	231.20													
	12/11/13			26.61	26.62	0.00	Trace	Trace	231.00													
	12/19/13			26.35	28.10	1.75	0.20	0.20	228.19													
	12/20/13			26.32	27.99	1.67	0.20	0.40	228.36													
	01/02/14			26.10	28.50	2.40	0.25	0.65	227.30													
	01/06/14			26.11	27.36	1.25	0.20	0.85	229.31													
	01/09/14			26.11	27.94	1.83	0.20	1.05	228.29													
	01/14/14			26.08	27.95	1.87	0.20	1.25	228.25													
	01/16/14			26.01	28.47	2.46	0.20	1.45	227.29													
	01/20/14			25.94	27.46	1.52	0.20	1.65	229.00													
	01/24/14			25.83	26.93	1.10	0.20	1.85	229.85													
	01/27/14			26.24	27.27	1.03	0.20	2.05	229.56													
	01/31/14			26.12	27.29	1.17	0.20	2.25	229.44													
	02/03/14			27.43	29.01	1.58	0.20	2.45	227.41													
	02/06/14			27.32	28.99	1.67	0.20	2.65	227.36													
	02/10/14			27.45	29.04	1.59	0.20	2.85	227.37													
	02/12/14			25.80	28.71	2.91	0.20	3.05	226.71													
	02/14/14			25.76	28.41	2.65	0.20	3.25	227.20													
	02/18/14			25.81	27.78	1.97	0.15	3.40	228.34													
	02/20/14			25.82	27.38	1.56	0.10	3.50	229.05													
	02/24/14			25.76	27.21	1.45	0.10	3.60	229.31													
	02/26/14			25.75	26.24	0.49	0.10	3.70	231.00													
	02/28/14			25.74	26.66	0.92	0.05	3.75	230.26													
	03/04/14			25.65	26.05	0.40	0.05	3.80	231.26													
	03/06/14			25.64	25.86	0.22	0.05	3.85	231.58													
	03/10/14			25.47	25.49	0.02	0.01	3.86	232.10													
	03/12/14			25.52	25.53	0.01	0.01	3.87	232.07													
	03/19/14			25.49	25.50	0.01	0.01	3.88	232.10													
	03/28/14			25.41	25.41	0.00	0.00	3.88	232.20													
	04/08/14			25.30	25.30	0.00	0.00	3.88	232.31													
	04/21/14			25.14	25.20	0.06	0.01	3.89	232.36													
	04/30/14			25.09	25.09	0.00	0.00	3.89	232.52	78	570	1400	2800	1200	<10	230	200	160	450	7088	34	140
	05/12/14			24.65	24.65	0.00	0.00	3.89	232.96													
	05/15/14			24.55	24.55	0.00	0.00	3.89	233.06													
	06/23/14			24.65	24.65	0.00	0.00	3.89	232.96													
	06/30/14	257.67	43.64	27.01	27.01	0.00	0.00	3.89	230.66	<100	700	1400	4800	1200	<500	<500	<500	<500	<1000	8100	30	12
	07/30/14			27.25	27.25	0.00	0.00	3.89	230.42													
	08/20/14			33.06	33.06	0.00	0.00	3.89	224.61													
	09/08/14			33.32	33.32	0.00	0.00	3.89	224.35	<100	1700	9000	29000	7200	<500	950	4700	1900	4000	58450	74	40
	09/15/14			33.40	33.40	0.00	0.00	3.89	224.27													
	09/25/14			33.65	33.65	0.00	0.00	3.89	224.02													
	10/03/14			33.63	33.63	0.00	0.00	3.89	224.04													
	10/15/14			33.25	33.25	0.00	0.00	3.89	224.42													
	10/22/14			33.61	34.45	0.84	1.00	4.89	222.59													
	11/04/14			33.70	33.71	0.00	0.00	4.89	223.96													
	11/13/14			34.27	34.27	0.00	0.00	4.89	223.40													
	11/21/14			34.35	34.51	0.16	0.20	5.09	223.04													
	12/04/14			34.30	35.05	0.75	0.85	5.94	222.05													
	12/22/14			33.37	33.71	0.34	0.30	6.24	223.70													
	01/05/15			33.08	33.08	0.00	0.00	6.24	224.59													
	01/14/15			33.55	33.55	0.00	0.00	6.24	224.12													
	01/26/15			32.71	32.71	0.00	0.00	6.24	224.96													
	01/30/15			32.91	32.92	0.01	0.00	6.24	224.75													
	02/04/15			32.10	32.10	0.00	0.00	6.24	225.57													
	02/13/15			32.50	32.61	0.11	0.10	6.34	224.98													
	02/20/15			32.91	32.91	0.00	0.00	6.34	224.76													
	02/26/15			32.68	32.68	0.00	0.00	6.34	224.99													
	03/04/15			32.71	32.71	0.00	0.00	6.34	224.96													
	03/16/15			32.66	32.66	0.00	0.00	6.34	225.01													
	03/20/15			32.74	32.74	0.00	0.00	6.34	224.93													
	03/25/15			32.30	32.30	0.00	0.00	6.34	225.37													
	04/02/15			30.87	30.87	0.00	0.00	6.34	226.80													
	04/10/15			30.49	30.49	0.00	0.00	6.34	227.18	<100	<100	1000	3100	810	<500	<500	<500	<500	<1000	4910	26	6
	04/17/15			30.39	30.39	0.00	0.00	6.34	227.28													
	04/30/15			30.70	30.70	0.00	0.00	6.34	226.97													
	05/26/15			30.18	30.18	0.00	0.00	6.34	227.49													
	06/01/15			30.19	30.19	0.00	0.00	6.34	227.48													
	06/09/15			29.89	29.89	0.00	0.00	6.34	227.78													
	06/18/15			29.83	29.83	0.00	0.00	6.34	227.84													
	06/30/15			30.14	30.14	0.00	0.00	6.34	227.53	<500	740	7100	20000	4500	<500	1600	7900	1800	3300	46940	18	470
	07/06/15			30.98	30.98	0.00	0.00	6.34	226.69													
	07/17/15			31.20	31.20	0.00	0.00	6.34	226.47													
	08/21/15			30.92	30.92	0.00	0.00	6.34	226.75													
	09/08/15			31.17	31.17	0.00	0.00	6.34	226.50													
	09/25/15			31.54	31.54	0.00	0.00	6.34	226.13	200	200	900	2400	520	<50	120	140	92	300	4872	19	9.2
	10/16/15			31.13	31.13	0.00	0.00	6.34	226.54													
	10/30/15			32.53	32.53	0.00	0.00	6.34	225.14													
	11/05/15			32.92	32.92	0.00	0.00	6.34	224.75	320	<100	1200	3000	560	<500	<500	<500	<500	<1000	5080	13	14.0
	11/13/15			33.94	33.94	0.00	0.00	6.34	223.73													

Well	Date	Well Elev.	Well Depth	Depth to LNAPL	Depth to Water	LNAPL	Gallons Removed	Cumu-lative Removed	Corrected Water Elevation	Benzene	Toluene	Ethyl-benzene	m+p-Xylenes	o-Xylenes	MTBE	Cyclo-hexane	Methyl-cyclo-hexane	Cumene	Naph-thalene	VOC	GRO	DRO
		Feet (ft)								Micrograms Per Liter (µg/l)											Milligrams per Liter (mg/l)	
MW15	06/23/14	257.48	43.65	Clear	32.84				224.64													
	06/30/14			Clear	32.63				224.85	97	500	550	1600	480	<50	<50	<50	<50	220	3447	9.2	2.3
	07/30/14			Clear	32.96				224.52													
	08/20/14			Clear	33.14				224.34													
	09/08/14			Clear	33.54				223.94	220	370	1200	1400	540	<50	53	<50	80	420	4283	13	4.6
	09/15/14			Clear	33.51				223.97													
	09/25/14			Clear	33.63				223.85													
	10/03/14			Clear	33.78				223.70													
	10/15/14			Clear	33.94				223.54													
	10/22/14			Clear	34.03				223.45													
	11/04/14			Clear	34.20				223.28													
	11/13/14			Clear	34.32				223.16													
	11/21/14			Clear	34.41				223.07													
	12/04/14			Clear	34.50				222.98	110	78	440	490	<50	<50	<50	<50	<50	200	1318	11	2
	12/22/14			Clear	34.62				222.86													
	01/05/15			Clear	34.72				222.76													
	01/14/15			Clear	34.62				222.86													
	01/26/15			Clear	34.31				223.17													
	01/30/15			Clear	34.53				222.95													
	02/04/15			Clear	34.81				222.67													
	02/13/15			Clear	34.90				222.58	100	<5	520	110	<25	<25	<25	<25	34	200	964	4.9	1.2
	02/26/15			Clear	34.77				222.71													
	03/04/15			Clear	34.95				222.53													
	03/16/15			Clear	34.82				222.66													
	03/20/15			Clear	35.07				222.41													
	03/25/15			Clear	34.78				222.70													
	04/02/15			Clear	34.66				222.82													
	04/10/15			Clear	34.54				222.94	160	68	860	390	66	<25	62	51	74	300	2031	9.1	3.5
	04/30/15			Clear	34.45				223.03													
	05/26/15			Clear	34.35				223.13													
	06/01/15			Clear	34.32				223.16													
	06/09/15			Clear	34.30				223.18													
	06/18/15			Clear	34.25				223.23													
	06/30/15			Clear	34.51				222.97	310	250	810	540	120	<25	60	97	79	320	2586	5.6	3
	07/06/15			Clear	34.02				223.46													
	07/17/15			Clear	33.67				223.81													
	08/21/15			Clear	33.63				223.85													
	09/08/15			Clear	33.84				223.64													
	09/25/15			Clear	34.12				223.36													
	10/16/15			Clear	33.89				223.59													
	10/30/15			Clear	34.55				222.93													
	11/05/15			Clear	34.60				222.88	330	350	680	330	67	<5	71	48	52	230	2158	11	2.4
	11/13/15			Clear	34.69				222.79													
MW16	06/30/14	258.39	34.10	Clear	25.30				233.09	<1	<1	<1	<5	<5	<5	<5	<5	<5	<10	0	4.1	1.3
	07/30/14			Clear	25.74				232.65													
	08/20/14			Clear	25.81				232.58													
	09/08/14			Clear	25.09				233.30	<1	8	52	160	39	<5	7	28	10	34	338	1.6	0.95
	09/15/14			Clear	25.95				232.44													
	09/25/14			Clear	26.00				232.39													
	10/03/14			Clear	26.02				232.37													
	10/15/14			Clear	26.08				232.31													
	10/22/14			Clear	26.10				232.29													
	11/04/14			Clear	26.13				232.26													
	11/13/14			Clear	26.14				232.25													
	11/21/14			Clear	26.16				232.23													
	12/04/14			Clear	26.18				232.21	<10	<10	100	520	180	<50	<50	<50	<50	790	1590	13	13
	12/22/14			Clear	25.96				232.43													
	01/05/15			Clear	25.87				232.52													
	01/14/15			Clear	26.31				232.08													
	01/26/15			Clear	27.03				231.36													
	01/30/15			Clear	26.88				231.51													
	02/04/15			Clear	25.72				232.67													
	02/13/15			Clear	25.69				232.70	<1	<1	<1	6	<5	<5	<5	<5	<5	<10	6	1.7	1.1
	02/26/15			Clear	25.71				232.68													
	03/04/15			Clear	25.70				232.69													
	03/16/15			Clear	25.69				232.70													
	03/20/15			Clear	25.38				233.01													
	03/25/15			Clear	25.43				232.96													
	04/02/15			Clear	25.38				233.01													
	04/10/15			Clear	25.31				233.08	<1	<1	<1	7	<5	<5	<5	<5	<5	<10	7	1.3	0.74
	04/30/15			Clear	25.23				233.16													
	05/26/15			Clear	25.34				233.05													
	06/01/15			Clear	25.34				233.05													
	06/09/15			Clear	25.33				233.06													
	06/18/15			Clear	25.39				233.00													
	06/30/15			Clear	25.27				233.12	<1	<1	<1	10	<5	<5	<5	<5	<5	<10	10	1.4	0.89
	07/06/15			Clear	25.12				233.27													
	07/17/15			Clear	24.93				233.46													
	08/21/15			Clear	25.38				233.01													
	09/08/15			Clear	25.60				232.79													
	09/25/15			Clear	25.81				232.58													
	10/16/15			Clear	25.48				232.91													
	10/30/15			Clear	25.94				232.45													
	11/05/15			Clear	25.97				232.42	3	2	4	<5	<5	<5	<5	<5	<5	<10	9	1.8	0.66
	11/13/15			Clear	26.03				232.36													
Station SW	12/06/12	na	402.00							<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	04/29/13									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	11/14/13									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	02/06/14									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	04/30/14									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	09/08/14									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
Station Car Wash	12/20/13	na	460.00							<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	04/30/14									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
	09/08/14									<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
KinderCare	06/05/13	na	362.00							<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
Ridgeview 1	01/14/14	na	530.00							<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na
Ridgeview 2	01/14/14	na	466.00							<0.5	<0.5	<0.5	<1	<0.5	<0.5	na	na	<0.5	<0.5	ND	na	na

RECOVERY GRAPH & DATABASE

THROUGH NOVEMBER 2015


TOTAL GALLONS OF LNAPL REMOVED
GALLONS
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
Oct-13
Dec-13
Feb-14
Apr-14
Jun-14
Aug-14
Oct-14
Dec-14
Feb-15
Apr-15
Jun-15
Aug-15
Oct-15
Dec-15
TOTAL GALLONS LNAPL REMOVED

MW7 (4" Diameter Well) Bailing & EFR Record																				
Date	Original LNAPL Thickness	LNAPL Thickness in Bailer (inches)																		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	Total	Feet	Gal Rem'vd	Cum.
10/22/13	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	307.00	15.4
12/06/13	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	349.00	36.3
12/13/13	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	429.00	60.0
12/19/13	2.25	1.50	2.50	13.25	7.00	5.50	7.00	0.50	5	1.25	1.25	1					45.75	3.81	1.68	61.7
12/20/13	1.00	0.75	12.00	0.50	0.25												13.50	1.13	0.50	62.2
01/02/14	2.19	26.25	2.00	2.75	7.25	7.75	7.50	3.75	0.5								57.75	4.81	2.12	64.3
01/06/14	2.90	23.00	5.00	13.00	9.50	7.00	2.00										59.50	4.96	2.18	66.5
01/08/14	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	440.00	88.5
01/09/14	0.67	1.00	1.50	6.00	0.50												9.00	0.75	0.33	88.8
01/14/14	2.37	6.00	12.50	2.00	6.50	7.00	2.00	1.00									37.00	3.08	1.36	90.2
01/16/14	1.22	3.50	8.00	7.00	4.00	4.00	1.00	0.50									28.00	2.33	1.03	91.2
01/20/14	0.42	6.50	9.00	6.50	10.00	3.00	6.50	6.50	4.5	1.5	1.5	0.25					55.75	4.65	2.04	93.2
01/27/14	2.93	4.00	6.00	5.50	3.00	2.50	2.00	4.00	1.5	0.5							29.00	2.42	1.06	94.3
01/31/14	1.91	5.00	9.00	6.00	3.00	4.00	5.50	4.00	1.5	2	0.5						40.50	3.38	1.49	95.8
02/03/14	1.13	18.00	6.00	9.00	12.00	11.50	5.00	7.00	4.50	3	6	5	3	1.5	0.5	0.5	92.50	7.71	3.39	99.2
02/06/14	1.15	15.00	9.00	6.00	8.00	3.00	10.50	7.00	7.50	4	6	2.5	2	1	0.5	0.5	82.75	6.90	3.03	102.2
02/10/14	0.97	12.00	8.00	7.00	11.00	7.00	7.50	9.00	10.50	3.5	2	2.5	2.5	1	0.5	1.5	86.75	7.23	3.18	105.4
02/12/14	2.23	22.00	8.00	10.00	17.00	8.00	6.00	11.00	3.50	4	6.5	2.25	2	1	0.5	0.25	102.00	8.50	3.74	109.1
02/14/14	2.42	1.50	2.25	5.50	1.50	8.00	5.00	8.50	2.50	6.75	1						42.50	3.54	1.56	110.7
02/18/14	0.70	0.50	1.00	0.50	0.50	0.25											2.75	0.23	0.10	110.8
02/20/14	0.30	0.50	0.50	0.50	0.25												1.75	0.15	0.06	110.8
02/24/14	0.80	1.00	2.50	1.00	0.50	0.50	0.25										5.75	0.48	0.21	111.1
02/26/14	0.52	2.00	2.00	0.50	1.50	0.50	1.00	0.50	0.25								8.25	0.69	0.30	111.4
02/28/14	0.54	2.00	1.50	1.00	0.50	0.50	0.25										5.75	0.48	0.21	111.6
03/04/14	0.53	3.00	2.00	1.50	1.00	1.00	0.50	0.50	0.25								9.75	0.81	0.36	111.9
03/06/14	0.45	3.50	2.25	1.50	1.50	1.00	1.50	0.50	0.50	0.5	0.25	0.25					13.25	1.10	0.49	112.4
03/10/14	0.42	1.00	0.50	0.50	0.25												2.25	0.19	0.08	112.5
03/12/14	0.25	0.25	0.25	0.13													0.63	0.05	0.02	112.5
03/19/14	0.06	1.00	0.50	0.50	0.50	0.25	0.25										3.00	0.25	0.11	112.6
03/28/14	0.13	0.50	0.25	0.25													1.00	0.08	0.04	112.7
04/08/14	0.00																0.00	0.00	0.00	112.7
04/16/14	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	616.00	143.5
04/21/14	0.30	2.00	3.00	1.50	0.50	1.00	0.50	0.50	0.25								9.25	0.77	0.34	143.8
04/30/14	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	287.00	158.2
05/08/14	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	392.00	177.8
05/12/14	0.00																0.00	0.00	0.00	177.8
05/14/14	Vacuum Truck EFR - Assumes ≈5% Total Volume Removed is LNAPL																0.00	0.00	420.00	198.8
05/15/14	0.00																0.00	0.00	0.00	198.8
05/28/14	Vacuum Truck EFR - Assumes ≈3% Total Volume Removed is LNAPL																0.00	0.00	267.00	206.8
06/11/14	Vacuum Truck EFR - Assumes ≈3% Total Volume Removed is LNAPL																0.00	0.00	150.00	211.3
06/23/14	0.00																0.00	0.00	0.00	211.3
06/25/14	Vacuum Truck EFR - Assumes ≈3% Total Volume Removed is LNAPL																0.00	0.00	700.00	232.3
06/30/14	0.00																0.00	0.00	0.00	232.3
07/30/14	0.00																0.00	0.00	0.00	232.3
08/20/14	0.00																0.00	0.00	0.00	232.3
09/03/14	Vacuum Truck EFR - Assumes ≈3% Total Volume Removed is LNAPL																0.00	0.00	560.00	249.1
09/08/14	0.00																0.00	0.00	0.00	249.1
09/15/14	0.00																0.00	0.00	0.00	249.1
09/23/14	Vacuum Truck EFR - Assumes ≈1% Total Volume Removed is LNAPL																0.00	0.00	2125.00	270.3
09/25/14	0.00																0.00	0.00	0.00	270.3
10/03/14	0.00																0.00	0.00	0.00	270.3
10/15/14	0.00																0.00	0.00	0.00	270.3
10/22/14	0.00																0.00	0.00	0.00	270.3
11/04/14	0.00																0.00	0.00	0.00	270.3
11/18/14	Vacuum Truck EFR - Assumes ≈1/2% Total Volume Removed is LNAPL																0.00	0.00	1001.00	275.3
11/21/14	0.00																0.00	0.00	0.00	275.3
11/26/14	Vacuum Truck EFR - Assumes ≈1/2% Total Volume Removed is LNAPL																0.00	0.00	731.00	279.0
12/04/14	0.00																0.00	0.00	0.00	279.0
12/11/14	0.00																0.00	0.00	0.00	279.0
12/22/14	0.00																0.00	0.00	0.00	279.0
01/05/15	0.00																0.00	0.00	0.00	279.0
01/14/15	0.00																0.00	0.00	0.00	279.0
01/26/15	0.00																0.00	0.00	0.00	279.0
01/30/15	0.00																0.00	0.00	0.00	279.0
02/04/15	0.00																0.00	0.00	0.00	279.0
02/13/15	0.00																0.00	0.00	0.00	279.0
02/26/15	0.00																0.00	0.00	0.00	279.0
03/04/15	0.00																0.00	0.00	0.00	279.0
03/16/15	0.00																0.00	0.00	0.00	279.0
03/20/15	0.00																0.00	0.00	0.00	279.0
03/25/15	0.00																0.00	0.00	0.00	279.0
04/02/15	0.00																0.00	0.00	0.00	279.0
04/10/15	0.00																0.00	0.00	0.00	279.0
04/17/15	0.00																0.00	0.00	0.00	279.0
04/30/15	0.00																0.00	0.00	0.00	279.0
05/26/15	0.00																0.00	0.00	0.00	279.0
06/01/15	0.00																0.00	0.00	0.00	279.0
06/09/15	0.00																0.00	0.00	0.00	279.0
06/18/15	0.00																0.00	0.00	0.00	279.0
06/30/15	0.00																0.00	0.00	0.00	279.0
07/06/15	0.00																0.00	0.00	0.00	279.0
07/17/15	0.00																0.00	0.00	0.00	279.0
08/21/15	0.00																0.00	0.00	0.00	279.0
09/08/15	0.00																0.00	0.00	0.00	279.0
09/25/15	0.00																0.00	0.00	0.00	279.0
10/16/15	0.00																0.00	0.00	0.00	279.0
10/30/15	0.00																0.00	0.00	0.00	279.0
11/05/15	0.00																0.00	0.00	0.00	279.0
11/13/15	0.00																0.00	0.00	0.00	279.0
TOTAL GALLONS OF IMPACTED GROUNDWATER REMOVED																				8531.8
TOTAL GALLONS OF LNAPL REMOVED																				283.7
TOTAL GALLONS OF LNAPL REMOVED BY EFR																				242.2
TOTAL GALLONS OF LNAPL REMOVED BY BAILING																				41.5

MW14 (1" Diameter Well through May 15, 2014; 4" Diameter Well Thereafter) Bailing Record																				
Date	Original LNAPL Thickness	LNAPL Thickness in Bailer (inches)																		
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	Total	Feet	Gal Rem'vd	Cum.
12/19/13	1.75	21.00	17.00	15.00	12.50	8.00	4.25	13.00	3	4.25	5	3.5	3	3	2.75	2.5	117.75	9.81	0.20	0.2
12/20/13	1.67	11.75	20.00	10.50	7.00	8.25	11.00	9.75	9.5	11	6.75	0.5	3	2.5	6.25	0.25	118.00	9.83	0.20	0.4
01/02/14	2.40	12.00	29.75	11.75	17.25	14.13	10.50	7.75	6	3.25	3	4	3.5	2.5	2.75	2.25	138.63	11.55	0.23	0.6
01/06/14	1.25	15.00	9.50	13.25	14.00	3.00	16.00	7.50	4	8	7	5	3.5	3.5	3		112.25	9.35	0.19	0.8
01/09/14	1.83	21.00	22.50	9.00	11.00	9.50	9.00	9.00	5	4	4	4	6	3	4	3	128.00	10.67	0.21	1.0
01/14/14	1.87	6.00	8.00	22.00	14.50	9.00	10.00	9.00	11.5	10	5	3.75	4.75	3	1.5	0.25	118.25	9.85	0.20	1.2
01/16/14	2.46	29.00	21.00	6.25	7.00	7.50	5.00	5.00	4.5	4	6	4	3.5	3.5	2.5	2	115.25	9.60	0.19	1.4
01/20/14	1.52	11.00	13.00	18.50	12.00	14.50	9.50	5.00	10	1	9	3.5	3	6	2.5	3.5	134.00	11.17	0.22	1.6
01/24/14	1.10	8.50	8.50	9.00	15.75	16.00	12.00	11.00	6.5	6	4.5	9.5	4	7	3	6	131.25	10.94	0.22	1.9
01/27/14	1.03	11.50	14.00	1.50	9.00	0.50	20.50	15.00	9	5	4	8.5	3.5	8	3	4.5	121.00	10.08	0.20	2.1
01/31/14	1.17	12.00	16.00	2.00	8.00	1.00	15.00	14.00	5	7	4	4.5	3	1.5	4.5	2	100.50	8.38	0.17	2.2
02/03/14	1.58	11.00	14.00	20.00	12.00	13.50	4.00	11.00	2.00	6	4	4.5	8	3.5	2	1	117.50	9.79	0.20	2.4
02/06/14	1.67	21.00	17.00	4.00	2.50	10.00	7.00	4.00	6.00	2	8	4	4.5	6	2	3.5	103.75	8.65	0.17	2.6
02/10/14	1.59	21.00	14.00	6.00	8.50	7.00	10.50	6.00	6.50	8.25	7	7.5	6	4.5	3	2.5	127.00	10.58	0.21	2.8
02/12/14	2.91	21.00	22.00	8.00	9.00	12.00	8.50	7.00	10.00	8.5	6	4	8	2.5	1.5	3	133.25	11.10	0.22	3.0
02/14/14	2.65	10.75	23.00	15.25	14.00	13.00	11.50	9.00	6.00	4.5	4.25	4.25	4	3.75	3	1.5	129.50	10.79	0.22	3.2
02/18/14	1.97	18.50	9.00	6.50	11.00	10.00	4.00	6.50	5.00	2.5	2.5	2	2.5	2	1.5	1	86.50	7.21	0.14	3.4
02/20/14	1.56	8.00	9.00	4.00	6.00	4.50	3.50	4.00	4.00	1.25	3	2	1	1.5	0.5	0.5	53.50	4.46	0.09	3.5
02/24/14	1.45	7.00	7.00	7.50	7.00	7.00	3.00	3.50	4.00	3.5	1.5	1.5	1.5	1	1	0.5	57.25	4.77	0.10	3.6
02/26/14	0.49	5.00	6.50	7.00	4.00	4.50	2.00	2.50	1.50	2	1.5	1	0.5	0.25	0.25		38.50	3.21	0.06	3.6
02/28/14	0.92	5.00	7.00	2.00	4.00	3.00	5.00	1.00	1.00	0.5	0.5	0.25					29.25	2.44	0.05	3.7
03/04/14	0.40	6.00	4.00	5.00	2.00	3.00	1.50	1.00	0.50	0.5	1	0.5	0.25				25.25	2.10	0.04	3.7
03/06/14	0.22	3.00	5.00	2.50	1.00	2.00	1.50	0.50	1.00	0.5	0.5	0.25	0.5	0.25			18.50	1.54	0.03	3.8
03/10/14	0.02	0.50	0.50	0.50	0.50	0.13											2.13	0.18	0.00	3.8
03/12/14	0.01	0.50	0.13	0.13													0.75	0.06	0.00	3.8
03/19/14	0.01	0.75	0.50	0.50	0.25	0.13											2.13	0.18	0.00	3.8
03/28/14	0.00																0.00	0.00	0.00	3.8
04/08/14	0.00																0.00	0.00	0.00	3.8
04/21/14	0.06	2.00	0.50	0.50	0.50	0.25											3.75	0.31	0.01	3.8
05/12/14	0.00																0.00	0.00	0.00	3.8
05/15/14	0.00																0.00	0.00	0.00	3.8
06/23/14	0.00																0.00	0.00	0.00	3.8
06/30/14	0.00																0.00	0.00	0.00	3.8
07/30/14	0.00																0.00	0.00	0.00	3.8
08/20/14	0.00																0.00	0.00	0.00	3.8
09/08/14	0.00																0.00	0.00	0.00	3.8
09/15/14	0.00																0.00	0.00	0.00	3.8
09/25/14	0.00																0.00	0.00	0.00	3.8
10/03/14	0.00																0.00	0.00	0.00	3.8
10/15/14	0.00																0.00	0.00	0.00	3.8
10/22/14	0.84																10.08	0.84	0.37	4.1
11/04/14	0.00																0.06	0.00	0.00	4.1
11/13/14	0.00																0.00	0.00	0.00	4.1
11/21/14	0.16																1.92	0.16	0.07	4.2
12/04/14	0.75																9.00	0.75	0.33	4.5
12/22/14	0.34																4.08	0.34	0.15	4.7
01/05/15	0.00																0.00	0.00	0.00	4.7
01/14/15	0.00																0.00	0.00	0.00	4.7
01/26/15	0.00																0.00	0.00	0.00	4.7
01/30/15	0.01																0.06	0.01	0.00	4.7
02/04/15	0.00																0.00	0.00	0.00	4.7
02/13/15	0.11																1.32	0.11	0.05	4.7
02/20/15	0.00																0.00	0.00	0.00	4.7
02/26/15	0.00																0.00	0.00	0.00	4.7
03/04/15	0.00																0.00	0.00	0.00	4.7
03/16/15	0.00																0.00	0.00	0.00	4.7
03/20/15	0.00																0.00	0.00	0.00	4.7
03/25/15	0.00																0.00	0.00	0.00	4.7
04/02/15	0.00																0.00	0.00	0.00	4.7
04/10/15	0.00																0.00	0.00	0.00	4.7
04/17/15	0.00																0.00	0.00	0.00	4.7
04/30/15	0.00																0.00	0.00	0.00	4.7
05/26/15	0.00																0.00	0.00	0.00	4.7
06/01/15	0.00																0.00	0.00	0.00	4.7
06/09/15	0.00																0.00	0.00	0.00	4.7
06/18/15	0.00																0.00	0.00	0.00	4.7
06/30/15	0.00																0.00	0.00	0.00	4.7
07/06/15	0.00																0.00	0.00	0.00	4.7
07/17/15	0.00																0.00	0.00	0.00	4.7
08/21/15	0.00																0.00	0.00	0.00	4.7
09/08/15	0.00																0.00	0.00	0.00	4.7
09/25/15	0.00																0.00	0.00	0.00	4.7
10/16/15	0.00																0.00	0.00	0.00	4.7
10/30/15	0.00																0.00	0.00	0.00	4.7
11/05/15	0.00																0.00	0.00	0.00	4.7
11/13/15	0.00																0.00	0.00	0.00	4.7
TOTAL GALLONS OF LNAPL REMOVED BY BAILING																				4.7

LABORATORY REPORT OF ANALYSIS FOR GROUNDWATER SAMPLES

SEPTEMBER & NOVEMBER 2015

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW1 **Matrix: Water** **Lab ID: 15110603-01**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 15:53	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Cyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Benzene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Methylcyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Toluene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 15:53	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Ethylbenzene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 15:53	GFH
m&p-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH

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Certificate of Analysis

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2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW1 Matrix: Water Lab ID: 15110603-01

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Naphthalene	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 15:53	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/L	0.22	EPA 8015C	11/11/15	11/11/15 18:12	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 17:42	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW4 **Matrix: Water** **Lab ID: 15110603-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 16:22	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Cyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Benzene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Methylcyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Toluene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:22	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Ethylbenzene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:22	GFH
m&p-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW4 Matrix: Water Lab ID: 15110603-02

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Naphthalene	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:22	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/L	0.22	EPA 8015C	11/11/15	11/11/15 18:12	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 18:06	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW7 **Matrix: Water** **Lab ID: 15110603-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 16:51	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Cyclohexane	**27**	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Benzene	**18**	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Methylcyclohexane	**40**	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Toluene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:51	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Ethylbenzene	**72**	ug/L	1	EPA 8260B	11/11/15	11/11/15 16:51	GFH
m&p-Xylene	**85**	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH

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Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW7 Matrix: Water Lab ID: 15110603-03

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Isopropylbenzene	**15**	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Naphthalene	**28**	ug/L	10	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 16:51	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**1.4**	mg/L	0.21	EPA 8015C	11/11/15	11/11/15 18:48	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**5.7**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 18:29	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW8 **Matrix: Water** **Lab ID: 15110603-04**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 17:21	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Cyclohexane	**11**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Benzene	**11**	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Methylcyclohexane	**8**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Toluene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:21	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Ethylbenzene	**61**	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:21	GFH
m&p-Xylene	**38**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW8 Matrix: Water Lab ID: 15110603-04

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	**9**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Naphthalene	**22**	ug/L	10	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:21	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**0.81**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 18:48	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**1.6**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 18:53	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Date Sampled: 11/05/15
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Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW9 **Matrix: Water** **Lab ID: 15110603-05**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 17:51	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Methyl t-butyl ether (MTBE)	**93**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Cyclohexane	**16**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Benzene	**100**	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Methylcyclohexane	**17**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
4-Methyl-2-pentanone (MIBK)	**45**	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Toluene	**200**	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:51	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Ethylbenzene	**24**	ug/L	1	EPA 8260B	11/11/15	11/11/15 17:51	GFH
m&p-Xylene	**150**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW9 Matrix: Water Lab ID: 15110603-05

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	**150**	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Naphthalene	**20**	ug/L	10	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Diisopropyl ether (DIPE)	**28**	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 17:51	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**5.8**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 19:25	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**8.1**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 19:17	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW10 **Matrix: Water** **Lab ID: 15110603-06**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 18:20	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Methyl t-butyl ether (MTBE)	**6**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Cyclohexane	**48**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Benzene	**300**	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Methylcyclohexane	**28**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Toluene	**130**	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:20	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Ethylbenzene	**140**	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:20	GFH
m&p-Xylene	**980**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH

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Date Sampled: 11/05/15
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Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW10 Matrix: Water Lab ID: 15110603-06

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	**68**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Isopropylbenzene	**10**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Naphthalene	**97**	ug/L	10	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:20	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**1.9**	mg/L	0.23	EPA 8015C	11/11/15	11/11/15 19:25	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**6.5**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 19:41	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW12 **Matrix: Water** **Lab ID: 15110603-07**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 18:50	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Cyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Benzene	**3**	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Methylcyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Toluene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:50	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Ethylbenzene	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 18:50	GFH
m&p-Xylene	**7**	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH

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2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW12 Matrix: Water Lab ID: 15110603-07

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Naphthalene	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 18:50	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/L	0.23	EPA 8015C	11/11/15	11/11/15 20:01	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 20:06	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW14 **Matrix: Water** **Lab ID: 15110603-08**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Chloromethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Vinyl chloride	ND	ug/L	100	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Bromomethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Chloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Trichlorofluoromethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1-Dichloroethene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Acetone	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Carbon disulfide	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Methyl acetate	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Methylene chloride	ND	ug/L	1000	EPA 8260B	11/11/15	11/11/15 19:19	GFH
trans-1,2-Dichloroethene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1-Dichloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
cis-1,2-Dichloroethene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
2-Butanone (MEK)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Chloroform	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1,1-Trichloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Cyclohexane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Carbon tetrachloride	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Benzene	**320**	ug/L	100	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2-Dichloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Trichloroethene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Methylcyclohexane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2-Dichloropropane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Bromodichloromethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
cis-1,3-Dichloropropene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Toluene	ND	ug/L	100	EPA 8260B	11/11/15	11/11/15 19:19	GFH
trans-1,3-Dichloropropene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1,2-Trichloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Tetrachloroethene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
2-Hexanone (MBK)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Dibromochloromethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2-Dibromoethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Chlorobenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Ethylbenzene	**1,200**	ug/L	100	EPA 8260B	11/11/15	11/11/15 19:19	GFH
m&p-Xylene	**3,000**	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW14 Matrix: Water Lab ID: 15110603-08

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	**560**	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Styrene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Bromoform	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Isopropylbenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,3-Dichlorobenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,4-Dichlorobenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2-Dichlorobenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
1,2,4-Trichlorobenzene	ND	ug/L	500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Naphthalene	ND	ug/L	1000	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
tert-Butanol (TBA)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Diisopropyl ether (DIPE)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	2500	EPA 8260B	11/11/15	11/11/15 19:19	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**14**	mg/L	0.22	EPA 8015C	11/11/15	11/11/15 20:01	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**13**	mg/L	10	EPA 8015C	11/11/15	11/11/15 20:30	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW15 **Matrix: Water** **Lab ID: 15110603-09**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 19:48	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Cyclohexane	**71**	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Benzene	**330**	ug/L	1	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Methylcyclohexane	**48**	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Toluene	**350**	ug/L	1	EPA 8260B	11/11/15	11/11/15 19:48	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Ethylbenzene	**680**	ug/L	1	EPA 8260B	11/11/15	11/11/15 19:48	GFH
m&p-Xylene	**330**	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW15 Matrix: Water Lab ID: 15110603-09

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	**67**	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Isopropylbenzene	**52**	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Naphthalene	**230**	ug/L	10	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 19:48	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**2.4**	mg/L	0.22	EPA 8015C	11/11/15	11/11/15 20:37	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**11**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 20:54	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW16 **Matrix: Water** **Lab ID: 15110603-10**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Chloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Vinyl chloride	ND	ug/L	1	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Bromomethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Chloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Acetone	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Carbon disulfide	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Methyl acetate	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Methylene chloride	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 20:17	GFH
trans-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
cis-1,2-Dichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
2-Butanone (MEK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Chloroform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1,1-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Cyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Carbon tetrachloride	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Benzene	**3**	ug/L	1	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2-Dichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Trichloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Methylcyclohexane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2-Dichloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Bromodichloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
cis-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Toluene	**2**	ug/L	1	EPA 8260B	11/11/15	11/11/15 20:17	GFH
trans-1,3-Dichloropropene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1,2-Trichloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Tetrachloroethene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
2-Hexanone (MBK)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Dibromochloromethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2-Dibromoethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Chlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Ethylbenzene	**4**	ug/L	1	EPA 8260B	11/11/15	11/11/15 20:17	GFH
m&p-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH

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2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 11/05/15
Date Received: 11/06/15 16:06
Date Issued: 11/13/15

Project: SMO Hanover
Site Location: Fort Meade Shell
Project Number: 71401

SDG Number: 15110603

Field Sample ID: MW16 Matrix: Water Lab ID: 15110603-10

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
o-Xylene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Styrene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Bromoform	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Isopropylbenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,3-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,4-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2-Dichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
1,2,4-Trichlorobenzene	ND	ug/L	5	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Naphthalene	ND	ug/L	10	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Diisopropyl ether (DIPE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	25	EPA 8260B	11/11/15	11/11/15 20:17	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**0.66**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 20:37	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**1.8**	mg/L	0.2	EPA 8015C	11/11/15	11/11/15 21:18	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Chain of Custody Record

Customer:	ENVIROTECH, LLC
Contact/Report to:	DOUG HAMILTON
Phone:	4105250045
Fax:	4105258644

E-mail address:	tphmd@aol.com
Project Name:	SMO HANOVER
Project Number:	71401
Site Location:	FORT MEADE SHELL

SDG Number:	15110603
Sampled by:	B BOLANDER
PO Number:	71401-

Page _1__ of _1__

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix *	VOC 8260	GRO 8015	DRO 8015								Sampling Remarks/ Comments
					Preservative	HCL	HCL	NONE								
	MW1	11/05/15	AM	4	W	X	X	X								
	MW4	11/05/15	AM	4	W	X	X	X								
	MW7	11/05/15	AM	4	W	X	X	X								
	MW8	11/05/15	AM	4	W	X	X	X								
	MW9	11/05/15	AM	4	W	X	X	X								
	MW10	11/05/15	AM	4	W	X	X	X								
	MW12	11/05/15	AM	4	W	X	X	X								
	MW14	11/05/15	PM	4	W	X	X	X								
	MW15	11/05/15	PM	4	W	X	X	X								
	MW16	11/05/15	PM	4	W	X	X	X								

Relinquished by:	X Brandon Bolander	Date/Time:	X 11/6/15 4:00PM
Received by:	M. Cohen	Date/Time:	11/6/15 1600
Relinquished by:		Date/Time:	
Received by:		Date/Time:	
Relinquished by:		Date/Time:	
Received by:		Date/Time:	

Deliverables: I II III CLP EDD

Custody Seals: Sample Cooler

Delivered by client

CAS Courier

Receipt Temperature: Temp:____ On Ice

Turnaround Time: STD Next Day 2-Day Other____

Comments/Special Instructions:

* W = Water; WW = Wastewater; GW = Groundwater; S = Soil; SL = Sludge

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-2 **Matrix: Water** **Lab ID: 15092504-01**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Chloromethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Vinyl chloride	ND	ug/L	5	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Bromomethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Chloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Trichlorofluoromethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1-Dichloroethene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Acetone	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Carbon disulfide	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Methyl acetate	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Methylene chloride	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 14:39	GFH
trans-1,2-Dichloroethene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1-Dichloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
cis-1,2-Dichloroethene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
2-Butanone (MEK)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Chloroform	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1,1-Trichloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Cyclohexane	**49**	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Carbon tetrachloride	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Benzene	**240**	ug/L	5	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2-Dichloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Trichloroethene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Methylcyclohexane	**65**	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2-Dichloropropane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Bromodichloromethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
cis-1,3-Dichloropropene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Toluene	**18**	ug/L	5	EPA 8260B	10/02/15	10/02/15 14:39	GFH
trans-1,3-Dichloropropene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1,2-Trichloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Tetrachloroethene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
2-Hexanone (MBK)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Dibromochloromethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2-Dibromoethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Chlorobenzene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Ethylbenzene	**300**	ug/L	5	EPA 8260B	10/02/15	10/02/15 14:39	GFH

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Certificate of Analysis

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2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-2 Matrix: Water Lab ID: 15092504-01

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
m&p-Xylene	**160**	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
o-Xylene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Styrene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Bromoform	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Isopropylbenzene	**49**	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,3-Dichlorobenzene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,4-Dichlorobenzene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2-Dichlorobenzene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
1,2,4-Trichlorobenzene	ND	ug/L	25	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Naphthalene	**270**	ug/L	50	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
tert-Butanol (TBA)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Diisopropyl ether (DIPE)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	130	EPA 8260B	10/02/15	10/02/15 14:39	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**15**	mg/L	0.22	EPA 8015C	09/29/15	09/29/15 14:59	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**14**	mg/L	1	EPA 8015C	09/30/15	09/30/15 20:00	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-10 **Matrix: Water** **Lab ID: 15092504-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Chloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Vinyl chloride	ND	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Bromomethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Chloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Trichlorofluoromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Acetone	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Carbon disulfide	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Methyl acetate	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Methylene chloride	ND	ug/L	100	EPA 8260B	10/02/15	10/02/15 15:09	GFH
trans-1,2-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1-Dichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
cis-1,2-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
2-Butanone (MEK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Chloroform	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1,1-Trichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Cyclohexane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Carbon tetrachloride	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Benzene	**380**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2-Dichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Trichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Methylcyclohexane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2-Dichloropropane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Bromodichloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
cis-1,3-Dichloropropene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Toluene	**820**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:09	GFH
trans-1,3-Dichloropropene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1,2-Trichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Tetrachloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
2-Hexanone (MBK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Dibromochloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2-Dibromoethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Chlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Ethylbenzene	**82**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:09	GFH

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CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Envirotech Consultants, LLC.
2931 Whittington Ave.
Baltimore, MD 21230

Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-10 Matrix: Water Lab ID: 15092504-02

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
m&p-Xylene	**1,100**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
o-Xylene	**220**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Styrene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Bromoform	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Isopropylbenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,3-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,4-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
1,2,4-Trichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Naphthalene	**110**	ug/L	100	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
tert-Butanol (TBA)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Diisopropyl ether (DIPE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:09	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**1.4**	mg/L	0.21	EPA 8015C	09/28/15	09/29/15 14:59	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**6.8**	mg/L	2	EPA 8015C	09/30/15	09/30/15 15:41	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-14 **Matrix: Water** **Lab ID: 15092504-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Chloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Vinyl chloride	ND	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Bromomethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Chloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Trichlorofluoromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1,2-Trichlorotrifluoroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Acetone	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Carbon disulfide	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Methyl acetate	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Methylene chloride	ND	ug/L	100	EPA 8260B	10/02/15	10/02/15 15:40	GFH
trans-1,2-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1-Dichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
cis-1,2-Dichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
2-Butanone (MEK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Chloroform	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1,1-Trichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Cyclohexane	**120**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Carbon tetrachloride	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Benzene	**200**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2-Dichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Trichloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Methylcyclohexane	**140**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2-Dichloropropane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Bromodichloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
cis-1,3-Dichloropropene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Toluene	**200**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:40	GFH
trans-1,3-Dichloropropene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1,2-Trichloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Tetrachloroethene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
2-Hexanone (MBK)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Dibromochloromethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2-Dibromoethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Chlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Ethylbenzene	**900**	ug/L	10	EPA 8260B	10/02/15	10/02/15 15:40	GFH

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Date Sampled: 09/25/15 10:00
Date Received: 09/25/15 13:24
Date Issued: 10/02/15

Project: Hanover
Site Location: Hanover, MD
Project Number: 71401

SDG Number: 15092504

Field Sample ID: MW-14 Matrix: Water Lab ID: 15092504-03

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
m&p-Xylene	**2,400**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
o-Xylene	**520**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Styrene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Bromoform	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Isopropylbenzene	**92**	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,3-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,4-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2-Dichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2-Dibromo-3-chloropropane	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
1,2,4-Trichlorobenzene	ND	ug/L	50	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Naphthalene	**300**	ug/L	100	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
tert-Butanol (TBA)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Diisopropyl ether (DIPE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	250	EPA 8260B	10/02/15	10/02/15 15:40	GFH
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	**9.2**	mg/L	0.21	EPA 8015C	09/28/15	09/29/15 15:35	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	**19**	mg/L	0.4	EPA 8015C	09/30/15	09/30/15 16:04	GFH

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by: Matt Cohen
QC Chemist

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CALIBER ANALYTICAL SERVICES

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Chain of Custody Record

Customer:	ENVIROTECH
Contact/Report to:	DOUG HAMILTON
Phone:	410-525-0045
Fax:	410-525 8644

E-mail address:	D.HAMILTON acleanvente.com tphmdc aol.com
Project Name:	HANOVER
Project Number:	71401
Location:	HANOVER

SDG Number:	15092504
Sampled by:	BRANDON
PO Number:	71401-5850

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix	VOC 8620	GRO 8015	DRO 8015								Sampling Remarks/ Comments
Preservative						HCl	Ice	None								
	MW-2	9-25-15	10 AM	4	GW	✓	✓	✓								
	MW-10	9-25-15	10 AM	4	GW	✓	✓	✓								
	MW-14	9-25-15	10 AM	4	GW	✓	✓	✓								

Relinquished by:	Mary Masterson	Date/Time:	9/25/15 - 1324
Received by:	M. Cohen	Date/Time:	9/25/15 1324
Relinquished by:		Date/Time:	
Received by:		Date/Time:	
Relinquished by:		Date/Time:	
Received by:		Date/Time:	

Deliverables: I II III CLP EDD

Receipt Temperature: Temp:_____ On Ice

Turnaround Time: STD Next Day 2-Day Other_____

Custody Seals: Sample Cooler Delivered by client

Comments/Special Instructions: