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Alameda County Health Care Services Agency

1131 Harbor Bay Pkwy, Suite 250

Alameda, CA 94502

Subject: RO#0000262

Albany Hill Mini Mart

800 San Pablo Avenuc

Albany, CA

Attached please find a copy of the most recent groundwater sampling report for the above referenced site. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,

Jasminder Sikand





Aqua Science Engineers, Inc. 55 Oak Court, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

October 22, 2013

Mr. Mark Detterman
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

SUBJECT: OZONE-SPARGING REMEDIATION SYSTEM OPERATION
REPORT AND CURRENT GROUNDWATER MONITORING WELL
ANALYTICAL RESULTS
Sikand & Sikand, Inc. Property, RO #0000262
Albany Hill Mini Mart
800 San Pablo Avenue
Albany, California

Dear Mr. Detterman:

On behalf of our clients, Jasminder and Sonia Sikand, Aqua Science Engineers, Inc. (ASE) is pleased to submit this report detailing the operation of the ozone-sparging remediation equipment at the subject site. This report also includes current groundwater monitoring well analytical results.

Should you require any additional information, please feel free to call me at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

A handwritten signature in black ink that reads "David Allen". The signature is written in a cursive, flowing style.

David Allen
Vice President



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October 22, 2013

REMEDICATION SYSTEM OPERATION REPORT
AND GROUNDWATER MONITORING RESULTS
SIKAND & SIKAND, INC. PROPERTY
ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA
(ASE JOB NO. 3934)
(RO #0000262)
(USTCF Claim Number 13910)

for

Jasminder and Sonia Sikand
1066 Rock Harbor Point
Hercules, CA 94547

Submitted by:

Aqua Science Engineers
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391



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1.0 INTRODUCTION

This report details Aqua Science Engineers, Inc. (ASE) operation of the ozone-sparging remediation system at the Albany Hill Mini Mart property located at 800 San Pablo Avenue in Albany, California (Figure 1) since January 2010. This report also provides current groundwater concentrations in the site's on and off-site groundwater monitoring wells.

2.0 WEEKLY OPERATION AND MAINTENANCE ACTIVITIES

ASE personnel visits the site on a regular basis to maintain and optimize the remediation equipment. During most visits, ASE personnel complete the following:

- Inspect the system, check for alarms, perform maintenance as necessary,
- Measure and record the ozone level within the two vapor-monitoring points (VMPs) to ensure no detection of ozone in the sub-slab area beneath the site,
- Inspect the ozone-sparging well heads for leaks or integrity failures,
- Inspect site security fencing,

3.0 REMEDIATION SYSTEM OPERATION

3.1 Ozone-Sparging Remediation System Operation Mode

Since January 2010, the ozone-sparging remediation equipment has operated in “high-flow ozone” mode into each of the nine sparging wells that are located on-site (Figure 2). The system has maintained a 99% operation efficiency; downtime for the ozone-sparging system has only occurred for maintenance purposes and an occasional overhauling of the compressor, valves, and ozone-generating cells. The system has been maintained by ASE personnel and H2O Engineering of San Luis Obispo, California (12-month maintenance program). A log showing the operation mode is attached in Appendix A.

3.2 Ozone Generator

The remediation equipment consists of an Ozone Sparge Unit manufactured by H2O Engineering of San Luis Obispo, California. The unit model number is an H2O-OSU20-26 capable of an ozone output of 26 grams/hour at up to 6% by weight. The H2O-OSU20-26 is a compact unit that generates an air/ozone mixture on-site. The unit pumps the air/ozone mixture through nine ports, one port at a time, on a cycle set by a timer. The air/ozone flow is approximately 3 to 4 cubic feet per minute (cfm) at a pressure of approximately 20 pounds per square inch (psi). Each sparge point receives ozone in 30 minutes intervals approximately 5 times per day for a total of 150 minutes per well/day.

3.3 Manifold System

The air/ozone mixture is pumped through double contained ozone-resistant Teflon tubing from the H2O-OSU20-26 unit to the sparging wells. This tubing consists of a 1/2-inch diameter inner transport tubing within a 1-inch schedule 40 PVC secondary-containment tube. This tubing is flexible and is buried through narrow trenches cut through the concrete surface.



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3.4 Remediation Equipment Operation & Maintenance

The ozone-sparging system operates continuously 24-hours a day, 7 days a week. The system is checked weekly by ASE personnel. The presence of ozone is measured at the remediation system and within each well box to determine if any leaks had occurred – no leaks have been identified. The presence of ozone is also measured within the buildings on and off-site as well as within each VMP – no ozone detections have been identified. The system uses an internal ozone detector to measure for ozone within the remediation equipment housing. Should ozone be detected, the on-board microprocessor shuts the ozone off to whichever well is sparging during the ozone detection. When this occurs, the affected well remains in use; however, until the problem is remedied, the well is only sparged with compressed air rather than air/ozone mixture. The same goes for any high pressure situations. Should a particular well require an injection pressure of 50 psi or greater for more than 30 seconds, the on-board microprocessor shuts delivery of ozone to the affected well. The affected well will remain off until the alarm is cleared and the problem causing the high pressure is repaired. Various internal ozone detections and high-pressure alarms have occurred since the last report; however, the alarms have been few in numbers and significant repairs have not been required. ASE personnel periodically changes compressor filters, in-line moisture-removal filters, various fuses, and compressor parts (capacitors, relays, fan blades and piston seals) in order to maintain the system's continuous operation. 12-month system rebuild kits that include replacement of check valves, ozone-sensors, valve stems, compressor parts, fuses and relays) are performed by H2O Engineering personnel, with the last one occurring in early October 2013.

4.0 GROUNDWATER MONITORING WELL SAMPLE COLLECTION

4.1 Water levels, Free-Product Thickness, and Flow Direction

On September 30, 2013, ASE measured the depth to water in monitoring wells MW-1 through MW-10 using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No free floating hydrocarbons were present in any of the wells. Groundwater elevation data is presented in Table One.

A groundwater elevation (potentiometric surface) contour map is shown as Figure 3. The groundwater flow direction at the site varies due to the ozone-sparging activities. During this sampling event, groundwater was determined to flow to the north/northeast with an inconsistent gradient.

4.2 Groundwater Sample Collection

On September 30, 2013, ASE collected groundwater samples from all monitoring wells for analysis. Prior to sampling, the wells were purged of three well casing volumes of groundwater using disposable polyethylene bailers. The exception to this is monitoring well MW-9, which went dry after only one well-casing volume (this occurs each time this well is sampled). Monitoring well MW-9 was sampled after allowing for recovery for 2 hours. The pH, temperature and conductivity of the purge water were monitored during evacuation, and samples were not collected until these parameters stabilized. Samples were collected from each well using disposable polyethylene bailers. The groundwater samples were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, sealed without headspace and labeled. All samples were stored on ice for transport to Kiff Analytical, LLC, (KIFF) of Davis, California under appropriate chain of custody documentation. Well sampling purge water was contained in a sealed and



labeled 55-gallon steel drum for temporary storage until off-site disposal can be arranged. See Appendix B for copies of the well sampling field logs.

4.3 Analytical Results for Groundwater Samples

All groundwater samples were analyzed by KIFF for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, total xylenes (collectively known as BTEX), fuel oxygenates including methyl tertiary butyl ether (MTBE), TAME and TBA by EPA Method 8260B, and TPH as diesel (TPH-D) by EPA Method 8015. The analytical results are tabulated in Table Two, and copies of the certified analytical report and chain of custody form are included in Appendix C. The groundwater analytical results are summarized below:

- Groundwater samples collected from monitoring well MW-1 contained 0.67 parts per billion (ppb) benzene and 8.1 ppb MTBE. These concentrations are very similar to the previous sampling event, are significantly lower than concentrations from prior to the start-up of the ozone-sparging system, and show a steady decreasing trend of hydrocarbons in this well. The current MTBE concentration is at a historic low.
- No hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-2. This is the 11th straight sampling event where no hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-2.
- No hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-3. This is the 4th straight sampling event where no hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-3. MTBE, in particular is significantly lower than concentrations from prior to the start-up of the ozone-sparging system.
- Groundwater samples collected from monitoring well MW-4 contained 130 ppb TPH-G, 17 ppb benzene, 8.8 ppb MTBE, and 0.63 ppb DIPE. These concentrations are similar to previous sampling events and continue to represent a significant decrease of up to several orders of magnitude from pre-remediation conditions.
- Groundwater samples collected from monitoring well MW-5R contained 2,000 ppb TPH-G, 13 ppb benzene, 0.97 ppb toluene, 5.1 ppb ethylbenzene, and 0.82 ppb xylenes. These concentrations are similar to the previous sampling event (benzene increased slightly). No oxygenates were detected.
- Groundwater samples collected from monitoring well MW-6 contained 300 ppb TPH-G and 850 ppb TPH-D. It should be noted that the TPH-D results are atypical for diesel fuel. No BTEX or oxygenates were detected for the second consecutive sampling event.
- No hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-7. This is the 4th straight sampling event where no hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-7.



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- No hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-8. This is the 12th straight sampling event where no hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-8.
- Groundwater samples collected from monitoring well MW-9 contained 4,200 ppb TPH-G, 69 ppb benzene, 12 ppb toluene, 170 ppb ethylbenzene, and 630 ppb xylenes. These concentrations are slightly higher than the previous sampling event, but continue to represent a slight decrease from pre-remediation conditions. No oxygenates were detected.
- The only compound detected in groundwater samples collected from monitoring well MW-10 during this sampling event was 1.4 ppb MTBE. This is similar to results from the several recent previous sampling events.

Concentrations in groundwater samples collected from the following wells exceeded Environmental Screening Levels (ESLs) for drinking water as presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region dated May 2013:

- Concentrations of TPH-G in groundwater samples collected from monitoring wells MW-4, MW-5R, MW-6, and MW-9 exceeded the ESL.
- Concentrations of benzene in groundwater samples collected from monitoring wells, MW-4, MW-5R, and MW-9 exceeded the ESL.
- Concentrations of ethylbenzene in groundwater samples collected from monitoring well MW-9 exceeded the ESL.
- Concentrations of xylenes in groundwater samples collected from monitoring well MW-9 exceeded the ESL.
- Concentrations of MTBE in groundwater samples collected from monitoring wells MW-1, and MW-4 exceeded the ESL.

TPH-G, benzene and MTBE isoconcentration maps are presented as Figures 4, 5 and 6, respectively. Graphs depicting concentrations of TPH-G, benzene, and MTBE are also included in Appendix D.

5.0 COMPARISON TO LOW-THREAT CLOSURE POLICY CRITERIA

A full evaluation on how the current site conditions compare to the California Regional Water Quality Control Board Low-Threat Closure Policy has not been made; however, ASE is currently awaiting approval of an encroachment permit from the City of Albany for a subsurface soil and soil vapor assessment to fill in data gaps. Once the permit is approved, ASE will perform the subsurface assessment, and the assessment data will be used to evaluate the site in comparison to the Low-Threat Closure Policy. ASE anticipates having a completed subsurface assessment and closure comparison report within the next 60 days.



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6.0 RECOMMENDATIONS

- Until it is determined that the site is suitable for closure, ASE recommends continued operation of the remediation system at the site.
- Due to recent and consistent low to non-detectable concentrations, ASE recommends removing monitoring wells MW-2, MW-3, MW-7, MW-8, and MW-10 from the groundwater monitoring program.

7.0 SIGNATURES

Should you require any additional information, please feel free to contact us at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

A handwritten signature in cursive script that reads "David Allen".

David Allen
Vice President



A handwritten signature in cursive script that reads "Robert E. Kitay".

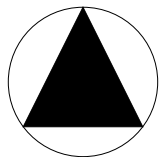
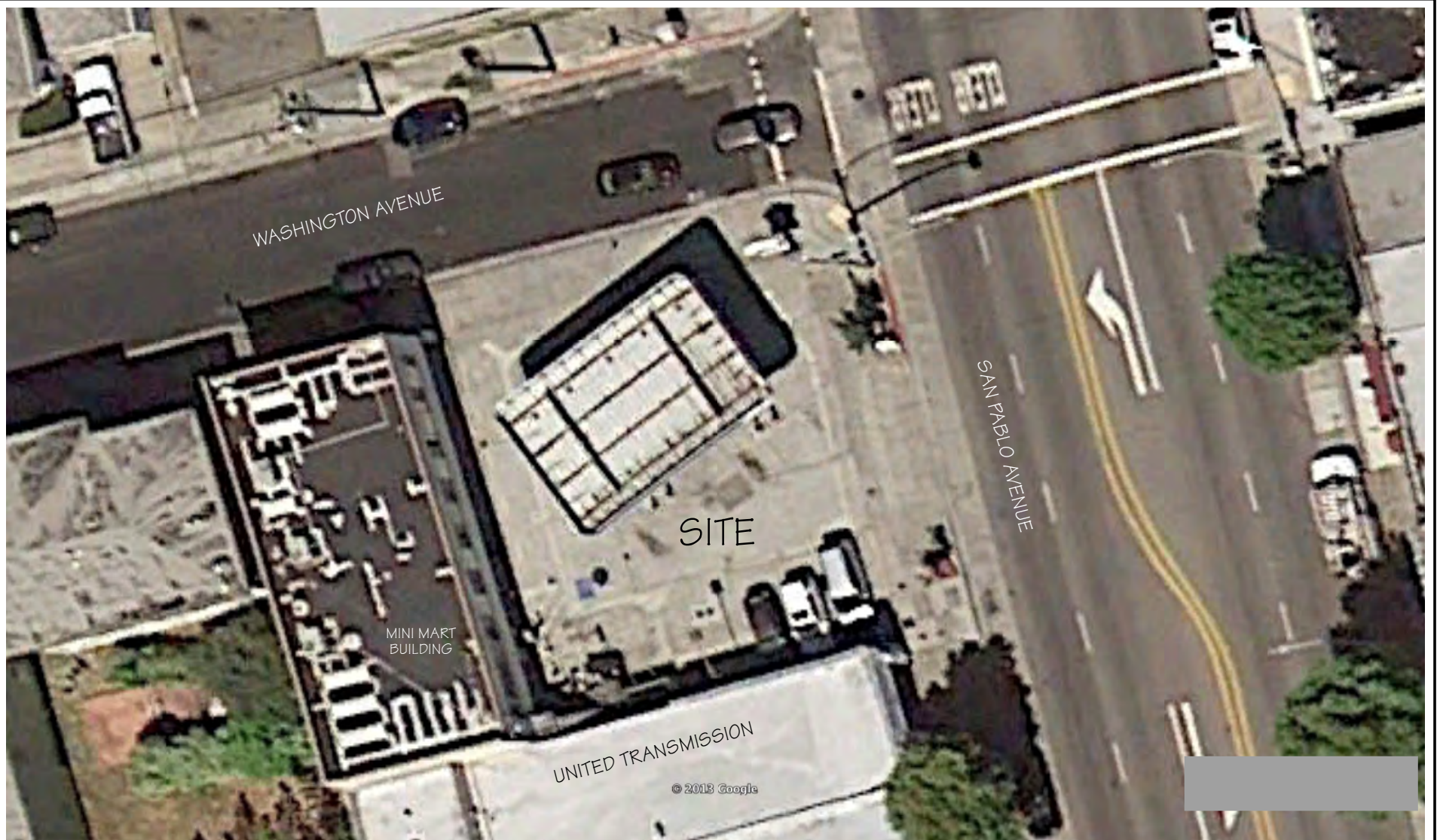
Robert Kitay, P.G.
Senior Geologist

Cc: Mr. Mark Detterman, ACHCSA, electronically
Mr. Jasinder Sikand, responsible party representative, electronically
RWQCB Geotracker Database, electronically
ACHCSA ftp site, electronically



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FIGURES



NORTH

NOT TO SCALE

SITE LOCATION MAP

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

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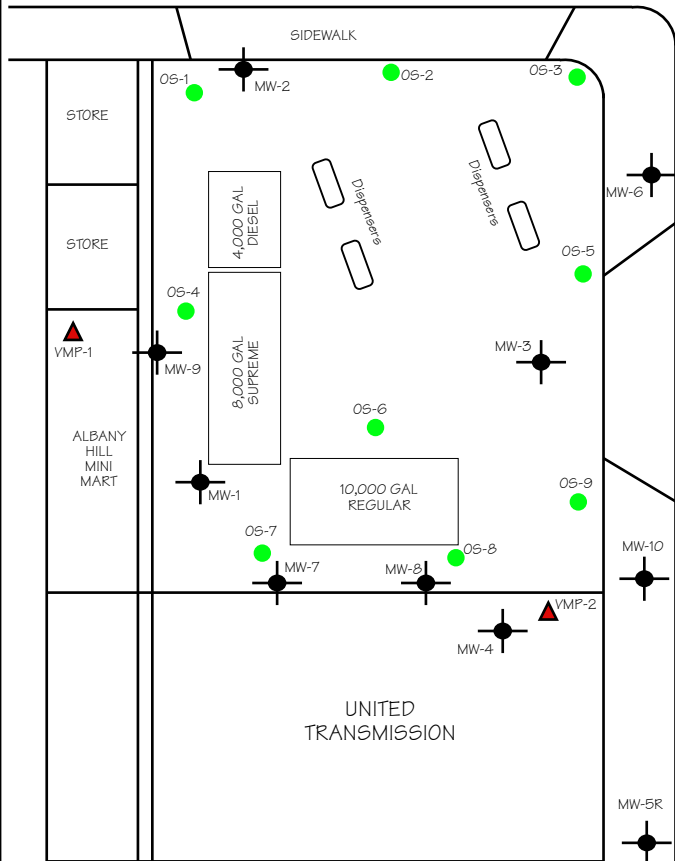
Figure 1



NORTH

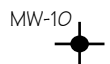
SCALE: 1" = 20'

WASHINGTON AVENUE



SAN PABLO AVENUE

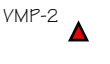
LEGEND



MONITORING WELL



OZONE-SPARGING WELL



VAPOR MONITORING POINT

MONITORING WELL, OZONE- SPARGING WELL AND VAPOR MONITORING POINT MAP

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

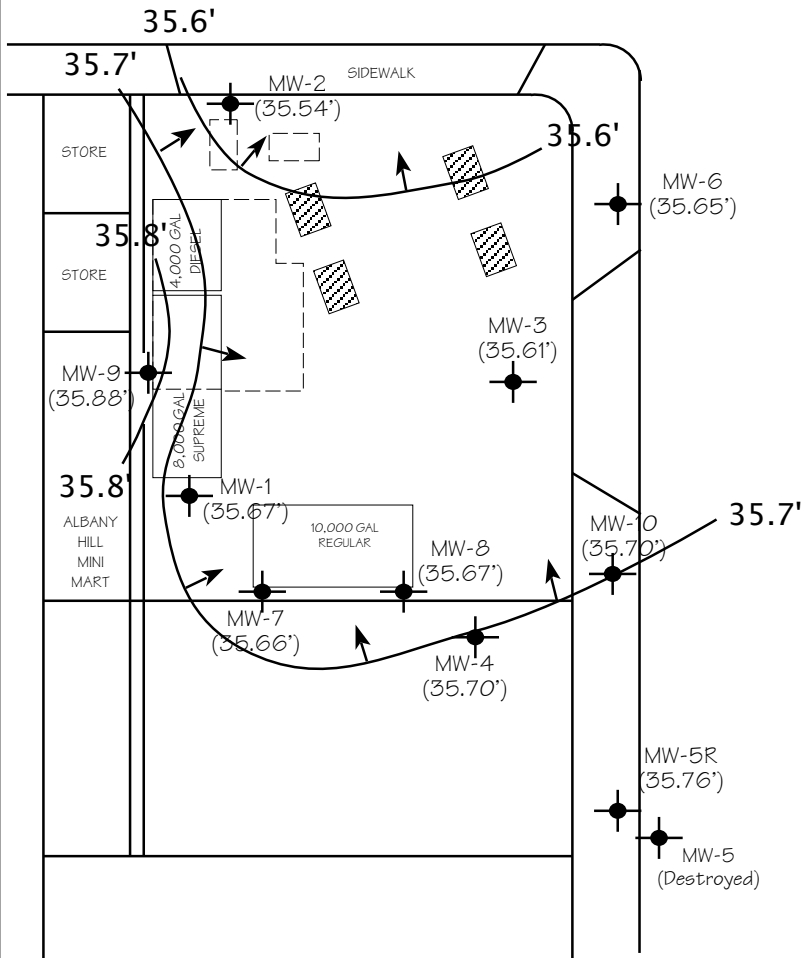


NORTH




SCALE: 1" = 20'

WASHINGTON AVENUE

SAN PABLO AVENUE



LEGEND

- MW-9 (35.88')
-  MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET
-  GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION
-  APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

POTENTIOMETRIC
SURFACE CONTOUR MAP
SEPTEMBER 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

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Figure 3



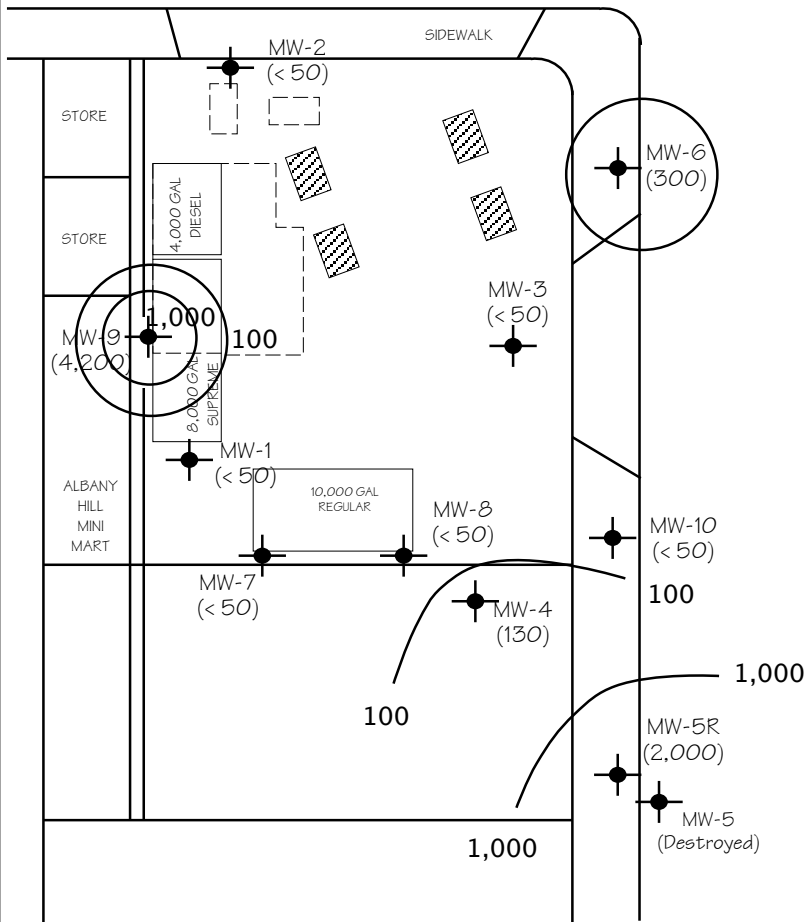
NORTH

SCALE: 1" = 20'

WASHINGTON AVENUE

SIDEWALK

SAN PABLO AVENUE



LEGEND

MW-9
(4,200)



MONITORING WELL
WITH TPH-G CONCENTRATION IN PPB



TPH-G CONCENTRATION CONTOUR LINE



APPROXIMATE FORMER UST LOCATION
AND AREA OF EXCAVATION

TPH-G CONCENTRATION
CONTOUR MAP
SEPTEMBER 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

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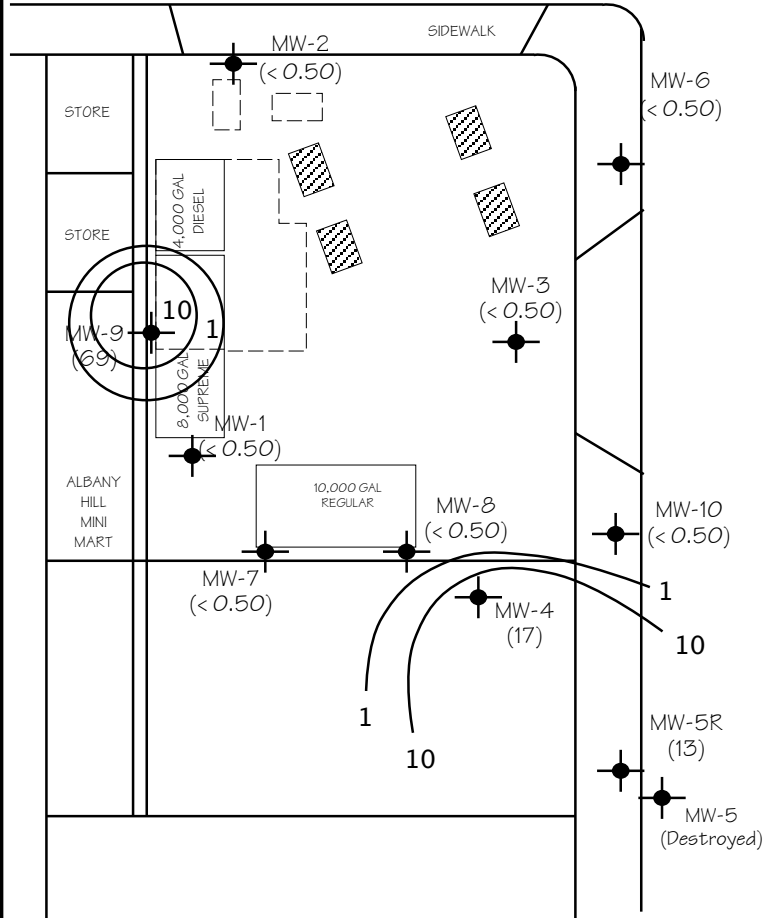
Figure 4



NORTH

SCALE: 1" = 20'

WASHINGTON AVENUE



SAN PABLO AVENUE

LEGEND

- MW-9 (69)
- MONITORING WELL WITH BENZENE CONCENTRATION IN PPB
- BENZENE CONCENTRATION CONTOUR LINE
- APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

BENZENE CONCENTRATION
CONTOUR MAP
SEPTEMBER 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

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Figure 5

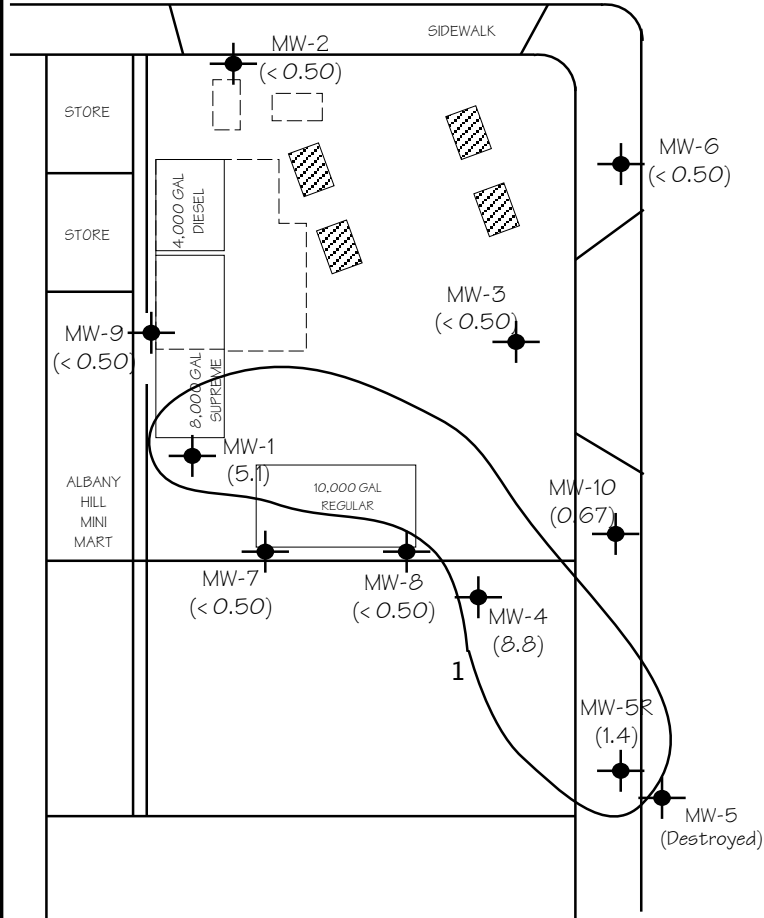


NORTH




SCALE: 1" = 20'

WASHINGTON AVENUE

SAN PABLO AVENUE



LEGEND

- MW-9 (< 0.50)
-  MONITORING WELL WITH MTBE CONCENTRATION IN PPB
-  MTBE CONCENTRATION CONTOUR LINE
-  APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

MTBE CONCENTRATION
 CONTOUR MAP
 SEPTEMBER 30, 2013

ALBANY HILL MINI MART
 800 SAN PABLO AVENUE
 ALBANY, CALIFORNIA

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Figure 6



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TABLES

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-1	8/6/99	101.68	11.95	89.73	
	11/5/99		12.72	88.96	
	2/7/00		10.34	91.34	
	5/5/00		10.59	91.09	
	8/3/00		11.75	89.93	
	11/8/00		11.67	90.01	
	2/8/01		11.20	90.48	
	6/7/01		11.35	90.33	
	9/7/01		11.71	89.97	
	12/13/01		10.67	91.01	
	6/13/02		11.42	90.26	
	9/11/02		12.42	89.26	
	2/14/03		46.42	10.69	35.73
	9/10/04	13.83		32.59	
	12/7/04	12.18		34.24	
	4/18/05	9.92		36.50	
	6/20/05	10.64		35.78	
	10/7/05	12.42		34.00	
	12/7/05	11.51		34.91	
	3/6/06	48.82		9.35	39.47
	6/27/06			10.07	38.75
	8/24/06			12.02	36.80
	11/20/06		12.02	36.80	
	2/5/07		11.68	37.14	
	5/7/07		10.91	37.91	
	8/3/07		12.34	36.48	
	12/5/07		12.68	36.14	
	2/25/08		9.68	39.14	
	5/20/08		12.17	36.65	
	8/22/08	13.06	35.76		
	12/10/08	13.17	35.65		
	3/20/09	10.09	38.73		
	6/4/09	11.89	36.93		
	12/3/09	12.91	35.91		
5/19/10	10.39	38.43			
12/21/10	10.72	38.10			
6/29/11	11.26	37.56			
12/13/11	12.15	36.67			
9/12/12	12.68	36.14			
3/30/13	11.63	37.19			
9/30/13		13.15	35.67		

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-2	8/6/99	101.57	10.83	90.74	
	11/5/99		11.66	89.91	
	2/7/00		9.23	92.34	
	5/5/00		9.54	92.03	
	8/3/00		10.69	90.88	
	11/8/00		10.62	90.95	
	2/8/01		10.17	91.40	
	6/7/01		10.30	91.27	
	9/7/01		10.65	90.92	
	12/13/01		9.65	91.92	
	6/13/02		10.37	91.20	
	9/11/02		11.32	90.25	
	2/14/03		45.31	9.59	35.72
	9/10/04			11.78	33.53
	12/7/04			11.13	34.18
	4/18/05	8.71		36.60	
	6/20/05	9.60		35.71	
	10/7/05	11.39		33.92	
	12/7/05	11.49		33.82	
	3/6/06	47.71		8.22	39.49
	6/27/06			9.45	38.26
	8/24/06			10.35	37.36
	11/20/06		10.87	36.84	
	2/5/07		10.53	37.18	
	5/7/07		9.72	37.99	
	8/3/07		11.47	36.24	
	12/5/07		11.98	35.73	
	2/25/08		8.93	38.78	
	5/20/08		11.78	35.93	
	8/22/08	12.21	35.50		
	12/10/08	11.35	36.36		
	3/20/09	9.26	38.45		
	6/4/09	11.09	36.62		
12/3/09	11.86	35.85			
5/19/10	9.37	38.34			
12/21/10	9.54	38.17			
6/29/11	10.27	37.44			
12/13/11	11.17	36.54			
9/12/12	11.75	35.96			
3/30/13	10.50	37.21			
9/30/13	12.17	35.54			

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-3	8/6/99	100.33	10.58	89.75	
	11/5/99		11.39	88.94	
	2/7/00		9.05	91.28	
	5/5/00		9.29	91.04	
	8/3/00		10.43	89.90	
	11/8/00		10.33	90.00	
	2/8/01		9.94	90.39	
	6/7/01		10.04	90.29	
	9/7/01		10.31	90.02	
	12/13/01		9.38	90.95	
	6/13/02		10.03	90.30	
	9/11/02		11.02	89.31	
	2/14/03		45.08	9.40	35.68
	9/10/04	12.51		32.57	
	12/7/04	11.86		33.22	
	4/18/05	8.49		36.59	
	6/20/05	9.34		35.74	
	10/7/05	11.11		33.97	
	12/7/05	10.22		34.86	
	3/6/06	47.49		8.84	38.65
	6/27/06			6.07	41.42
	8/24/06			10.26	37.23
	11/20/06		10.52	36.97	
	2/5/07		10.41	37.08	
	5/7/07		9.57	37.92	
	8/3/07		11.06	36.43	
	12/5/07		11.26	36.23	
	2/25/08		8.33	39.16	
	5/20/08		10.83	36.66	
	8/22/08	11.74	35.75		
	12/10/08	11.93	35.56		
	3/20/09	8.46	39.03		
	6/4/09	10.97	36.52		
	12/3/09	11.54	35.95		
5/19/10	9.11	38.38			
12/21/10	9.38	38.11			
6/29/11	10.02	37.47			
12/13/11	10.86	36.63			
9/12/12	8.98	38.51			
3/30/13	10.26	37.23			
9/30/13	11.88	35.61			

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-4	6/13/02	100.05	10.18	89.87
	9/11/02		11.12	88.93
	2/14/03	45.20	9.51	35.69
	9/10/04		11.59	33.61
	12/7/04		10.91	34.29
	4/18/05		8.62	36.58
	6/20/05		9.45	35.75
	10/7/05		11.20	34.00
	12/7/05		10.30	34.90
	3/6/06	47.61	8.19	39.42
	6/27/06		9.71	37.90
	8/24/06		10.43	37.18
	11/20/06		10.70	36.91
	2/5/07		10.60	37.01
	5/7/07		9.52	38.09
	8/3/07		11.33	36.28
	12/5/07		11.37	36.24
	2/25/08		8.75	38.86
	5/20/08		11.07	36.54
	8/22/08		11.82	35.79
	12/10/08		12.05	35.56
	3/20/09		9.05	38.56
	6/4/09		10.68	36.93
	12/3/09		11.55	36.06
	5/19/10		9.21	38.40
	12/21/10		9.49	38.12
	6/29/11		9.79	37.82
	12/13/11		10.98	36.63
	9/12/12		11.41	36.20
	3/30/13		10.25	37.36
9/30/13			11.91	35.70

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-5	6/13/02	98.37	8.88	89.49
	9/11/02		9.95	88.42
	2/14/03	44.12	8.66	35.46
	9/10/04		10.26	33.86
	12/7/04		10.79	33.33
	4/18/05	Well Destroyed by City During Street Construction		
MW-5R	10/7/05		10.94	
	12/7/05		9.97	
	3/6/06	47.36	4.93	42.43
	6/27/06		9.47	37.89
	8/24/06		10.10	37.26
	11/20/06		10.00	37.36
	2/5/07		10.21	37.15
	5/7/07		9.21	38.15
	8/3/07		10.60	36.76
	12/5/07		10.97	36.39
	2/25/08		8.64	38.72
	5/20/08		10.18	37.18
	8/22/08		11.08	36.28
	12/10/08		11.32	36.04
	3/20/09		8.46	38.90
	6/4/09		10.35	37.01
	12/3/09		10.83	36.53
	5/19/10		8.55	38.81
	12/21/10		9.00	38.36
	6/29/11		9.81	37.55
12/13/11		10.65	36.71	
9/12/12		11.21	36.15	
3/30/13		10.83	36.53	
9/30/13		11.60	35.76	

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-6	6/13/02	99.36	8.85	90.51
	9/11/02		9.82	89.54
	2/14/03	43.88	8.21	35.67
	9/10/04		10.33	33.55
	12/7/04		9.83	34.05
	4/18/05		7.08	36.80
	6/20/05		7.52	36.36
	10/7/05		10.92	32.96
	12/7/05		8.85	35.03
	3/6/06	46.27	6.22	40.05
	6/27/06		7.40	38.87
	8/24/06		9.15	37.12
	11/20/06		10.40	35.87
	2/5/07		9.20	37.07
	5/7/07		7.79	38.48
	8/3/07		9.96	36.31
	12/5/07		10.02	36.25
	2/25/08		6.77	39.50
	5/20/08		9.49	36.78
	8/22/08		10.49	35.78
	12/10/08		10.62	35.65
	3/20/09		7.65	38.62
	6/4/09		9.36	36.91
	12/3/09		10.14	36.13
	5/19/10		7.83	38.44
	12/21/10		6.35	39.92
	6/29/11		8.50	37.77
	12/13/11		9.60	36.67
	9/12/12		10.21	36.06
	3/30/13		9.50	36.77
	9/30/13		10.62	35.65

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-7	6/13/02	100.96	10.95	90.01	
	9/11/02		11.90	89.06	
	2/14/03	45.59	10.25	35.34	
	9/10/04		12.35	33.24	
	12/7/04		11.42	34.17	
	4/18/05		9.34	36.25	
	6/20/05		10.19	35.40	
	10/7/05		12.96	32.63	
	12/7/05			not sampled	---
	3/6/06	48.36	8.92		39.44
	6/27/06			10.41	37.95
	8/24/06			11.21	37.15
	11/20/06			11.46	36.90
	2/5/07			11.34	37.02
	5/7/07			10.39	37.97
	8/3/07			12.09	36.27
	12/5/07			12.18	36.18
	2/25/08			Bubbling	---
	5/20/08			11.70	36.66
	8/22/08			12.66	35.70
	12/10/08			12.80	35.56
	3/20/09			Bubbling	---
	6/4/09			11.55	36.81
	12/3/09			12.41	35.95
	5/19/10			9.94	38.42
	12/21/10			10.77	37.59
	6/29/11			10.84	37.52
	12/13/11			11.71	36.65
	9/12/12			12.11	36.25
	3/30/13			11.04	37.32
	9/30/13			12.70	35.66

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-8	6/13/02	100.54	10.57	89.97	
	9/11/02		11.53	89.01	
	2/14/03		9.98	35.61	
	9/10/04	45.59	11.98	33.61	
	12/7/04		11.42	34.17	
	4/18/05		8.99	36.60	
	6/20/05		9.83	35.76	
	10/7/05		11.60	33.99	
	12/7/05		11.69	33.90	
	3/6/06		47.99	8.58	39.41
	6/27/06			10.06	37.93
	8/24/06			10.77	37.22
	11/20/06			11.12	36.87
	2/5/07	10.97		37.02	
	5/7/07	9.94		38.05	
	8/3/07	11.74		36.25	
	12/5/07	11.80		36.19	
	2/25/08	8.82		39.17	
	5/20/08	11.38		36.61	
	8/22/08	12.26	35.73		
	12/10/08	12.49	35.50		
	3/20/09	9.19	38.80		
	6/4/09	11.29	36.70		
	12/3/09	12.12	35.87		
	5/19/10	9.64	38.35		
	12/21/10	10.36	37.63		
	6/29/11	10.48	37.51		
	12/13/11	11.35	36.64		
	9/12/12	11.57	36.42		
	3/30/13	10.68	37.31		
9/30/13	12.32	35.67			

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	
MW-9	2/14/03	46.86	10.84	36.02	
	9/10/04		12.97	33.89	
	12/7/04		12.84	34.02	
	4/18/05		9.75	37.11	
	6/20/05		10.83	36.03	
	10/7/05		12.59	34.27	
	12/7/05		12.56	34.30	
	3/6/06		49.24	10.24	39.00
	6/27/06			9.83	39.41
	8/24/06			11.91	37.33
	11/20/06	12.42		36.82	
	2/5/07	11.95		37.29	
	5/7/07	11.20		38.04	
	8/3/07	12.67		36.57	
	12/5/07	12.96		36.28	
	2/25/08	10.71		38.53	
	5/20/08	12.15		37.09	
	8/22/08	13.18		36.06	
	12/10/08	13.32		35.92	
	3/20/09	11.39		37.85	
	6/4/09	11.82		37.42	
	12/3/09	12.93		36.31	
	5/19/10	10.26		38.98	
	12/21/10	11.66	37.58		
	6/29/11	11.50	37.74		
	12/13/11	12.38	36.86		
9/12/12	13.00	36.24			
3/30/13	12.05	37.19			
9/30/13		13.36	35.88		

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-10	10/7/05		10.52	
	12/7/05	not sampled		
	3/6/06	46.90	7.46	39.44
	6/27/06		9.03	37.87
	8/24/06		9.75	37.15
	11/20/06		10.30	36.60
	2/5/07		9.83	37.07
	5/7/07		8.85	38.05
	8/3/07		11.00	35.90
	12/5/07		10.64	36.26
	2/25/08		8.03	38.87
	5/20/08		10.58	36.32
	8/22/08		11.48	35.42
	12/10/08		11.68	35.22
	3/20/09		8.83	38.07
	6/4/09		10.00	36.90
	12/3/09		11.16	35.74
	5/19/10		8.87	38.03
	12/21/10		8.67	38.23
	6/29/11		9.44	37.46
12/13/11		10.25	36.65	
9/12/12		9.61	37.29	
3/30/13		9.57	37.33	
	9/30/13		11.20	35.70

Notes:

Data prior to September 10, 2004, including survey data, is based on tables compiled by AARS.

* Top of casing elevations were initially surveyed to an arbitrary benchmark. The elevations were resurveyed on November 11, 2002 with respect mean sea level.

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-1	8/6/99	1,500	1,200	4.3	2.9	9.1	28	--	--	ND	--
	11/5/99	1,800	1,400	5.1	3.2	8.9	33	--	--	ND	--
	2/7/00	1,100	890	3.3	1.9	5.6	21	--	--	ND	--
	5/7/00	970	650	2.9	1.7	4.9	18	--	--	ND	--
	8/3/00	1,200	270*	190	43.0	41	160	--	--	360	--
	11/8/00	4,200	230*	990	200.0	130	560	--	--	840**	--
	2/8/01	2,800	380*	630	130.0	51	250	--	--	390	--
	6/7/01	650	190	97	13.0	20	62	--	--	320	--
	9/7/01	970	400	260	17.0	44	140	--	--	460	--
	12/13/01	291	< 50	91.7	1.4	17.4	7.2	--	--	499	--
	6/13/02	5,120	2,160*	1,860	22.0	316	318	--	--	325	--
	11/11/02	824	< 50	216	< 5	22	20	--	--	290	--
	2/14/03	1,783	590*	546	5.0	90	52	--	--	321	--
	9/10/04	900	82	210	8.4	52	23	< 0.5	5.1	220	< 0.5
	12/7/04	540	< 80	130	3.1	24	14	< 0.5	< 5.0	240	< 0.5
	4/18/05	1,600	< 200	390	3.6	32	57	< 0.5	< 5.0	240	0.53 1,2-DCA
	6/20/05	2,500	< 300	740	12.0	110	69	< 0.5	5.7	240	< 0.50
	10/7/05	520	130	97	26.0	11	28	< 0.50	< 5.0	190	< 0.50
	12/7/05	220	86	42	11.0	6.2	12	< 0.50	< 5.0	230	< 0.50
	3/6/06	180	69	63	1.6	3.8	2.3	< 0.50	< 0.50	180	< 0.50
	6/27/06	2,800	< 300	1,100	7.1	140	44	< 0.50	9.9	220	< 0.50
	8/24/06	3,200	< 200	1,100	6.6	170	16	< 2.0	< 9.0	250	< 2.0
	11/20/06	630	< 50	170	1.2	22	2.8	< 0.50	6.2	220	< 0.50
	2/5/07	570	< 50	180	1.0	23	3.4	< 0.50	< 5.0	180	< 0.50
	5/7/07	500	< 50	200	0.64	12	0.72	< 0.50	< 5.0	210	< 0.50
	8/3/07	930	< 80	300	2.8	49	6.8	< 0.50	7.1	160	< 0.50
	12/5/07	560	< 50	150	37	9.8	46	< 0.50	< 5.0	100	< 0.50
	2/25/08	1,000	100	340	11	14	23	< 0.50	11	170	< 0.50
	5/20/08	740	< 50	220	3.2	7.5	6.9	< 0.50	23	170	0.68 DIPE
	8/22/08	190	< 50	52	1.2	7.3	4.6	< 0.50	11	160	0.60 DIPE
	12/10/08	98	< 50	18	< 0.50	3.2	0.89	< 0.50	< 5.0	74	< 0.50
	3/20/09	61	< 50	1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	65	< 0.50
	6/4/09	< 50	< 50	5.5	< 0.50	0.63	< 0.50	< 0.50	< 5.0	71	< 0.50
	12/3/09	75	< 50	2.8	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	30	< 0.50
	5/19/10	75	< 50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	47	< 0.50
	12/21/10	< 50	< 50	0.86	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	19	< 0.50
	6/29/11	68	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	20	< 0.50
	12/13/11	< 50	< 50	2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	20	< 0.50
	9/12/12	< 50	---	2.9	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50
	9/30/13	< 50	< 50	0.67	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	8.1	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-2	8/6/99	ND	340	ND	ND	ND	ND	--	--	ND	--
	11/5/99	ND	420	ND	ND	ND	0.7	--	--	ND	--
	2/7/00	ND	310	ND	ND	ND	0.6	--	--	ND	--
	5/7/00	ND	280	ND	ND	ND	< 1	--	--	ND	--
	8/3/00	460	70*	79	3.0	43	8	--	--	3,300	--
	11/8/00	200	120	57	2.0	13	8	--	--	3,000	--
	2/8/01	290	80	50	1.0	0.6	4	--	--	3,100	--
	6/7/01	210	80	18	0.6	3	5	--	--	2,000	--
	9/7/01	230	ND	51	ND	8	8	--	--	2,400	--
	12/13/01	172	ND	53	1.2	7.7	8.4	--	--	1,780	--
	6/13/02	86	< 50	6	6.7	1.1	4.5	--	--	1,830	--
	11/11/02	1,040	< 50	5	1.0	< 1	5	--	--	1,250	--
	2/14/03	82	< 50	8	< 1	1	< 3	--	--	1,520	--
	9/10/04	< 100	72	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	620	< 1.0
	12/7/04	< 150	86	17	< 1.5	< 1.5	< 1.5	< 1.5	< 7.0	540	< 1.5
	4/18/05	280	130	55	< 1.5	4.4	< 1.5	< 1.5	< 20	840	< 1.5
	6/20/05	200	100	34	< 0.90	2.4	2.7	< 0.90	5.2	540	< 0.90
	10/7/05	< 90	150	11	< 0.90	< 0.90	< 0.90	< 0.90	< 5.0	360	< 0.90
	12/7/05	< 90	110	1.5	< 0.90	< 0.90	< 0.90	< 0.90	< 5.0	500	< 0.90
	3/6/06	< 90	88	7.0	< 0.90	< 0.90	< 0.90	< 0.50	5.2	610	< 0.50
	6/27/06	270	150	49	< 0.50	5.1	3.4	0.58	8.9	540	< 0.50
	8/24/06	110	120	13	< 0.50	1.3	< 0.50	< 0.50	< 5.0	480	< 0.50
	11/20/06	56	< 50	5.6	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	330	< 0.50
	2/5/07	98	< 50	28	< 0.50	< 0.50	< 0.50	0.61	< 5.0	500	< 0.50
	5/7/07	< 90	< 50	22	< 0.90	< 0.90	< 0.90	< 0.90	6.0	450	< 0.90
	8/3/07	< 50	< 50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	9.0	240	< 0.50
	12/5/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	37	82	< 0.50
	2/25/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	10	< 0.50
	5/20/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.71	< 0.50
	8/22/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.71	< 0.50
	12/10/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/20/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/3/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-3	8/6/99	ND	ND	ND	ND	ND	ND	--	--	ND	--
	11/5/99	92	54	ND	ND	0.6	1.7	--	--	ND	--
	2/7/00	120	71	ND	0.6	0.8	2.2	--	--	ND	--
	5/7/00	100	68	ND	ND	0.7	1.9	--	--	ND	--
	8/3/00	910	300*	220	9.0	35	16	--	--	11,000**	--
	11/8/00	990	200	320	0.8	18	9	--	--	8,000	--
	2/8/01	990	110	180	21.0	7	24	--	--	5,200**	--
	6/7/01	370	140	62	4.0	8	13	--	--	6,600**	--
	9/7/01	460	ND	87	1.0	11	25	--	--	9,400**	--
	12/13/01	251	ND	66.8	0.9	2.6	8.4	--	--	6,610	--
	6/13/02	3,630	< 50	41	60.0	41	187	--	--	8,820**	--
	11/11/02	6,210	< 50	150	< 1	5	< 3	--	--	7,770	--
	2/14/03	176	< 50	31	< 1	2	< 3	--	--	5,040	--
	9/10/04	< 1,000	140	110	< 10	< 10	21	20	200	4,400	< 10
	12/7/04	1,000	150	310	19.0	24	50	21	< 100	4,000	< 10
	4/18/05	750	150	170	16.0	33	36	6.1	< 50	1,700	< 5.0
	6/20/05	680	120	140	9.7	20	38	7.4	< 20	1,900	< 4.0
	10/7/05	630	160	140	10.0	11	34	9.2	< 20	2,000	< 4.0
	12/7/05	550	200	128	6.4	7.2	10	11	56	2,400	< 4.0
	3/6/06	88	36	< 2.0	5.3	2.1	4.2	13	1,000	1,000	< 2.0
	6/27/06	7,400	< 1,500	2,800	12	190	56	9.8	110	760	< 4.0
	8/24/06	< 400	130	24	< 4.0	< 4.0	14	9.0	40	2,800	< 4.0
	11/20/06	< 400	< 50	42	< 4.0	4.4	8.7	7.3	71	1,700	< 4.0
	2/5/07	440	< 50	110	4.2	< 4.0	16	7.3	39	1,600	< 4.0
	5/25/07	240	< 50	52	4.3	4.3	18	4.3	140	1,100	< 2.0
	8/3/07	500	< 50	190	7.2	12	40	4.4	320	860	< 1.5
	12/5/07	< 150	< 50	< 1.5	< 1.5	< 1.5	< 1.5	5.1	280	1,200	< 1.5
	2/25/08	< 200	< 50	< 2.0	< 2.0	< 2.0	< 2.0	5.0	13	1,300	< 2.0
	5/20/08	< 50	< 50	2.5	< 0.50	< 0.50	< 0.50	< 0.50	6.7	200	0.54 DIPE
	8/22/08	< 50	< 50	1.5	< 0.50	< 0.50	< 0.50	0.64	6.9	380	< 0.50
	12/10/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	7.2	< 0.50
	3/20/09	< 50	< 50	0.61	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	14	< 0.50
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.0	< 0.50
	12/3/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	26	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.9	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-4	6/13/02	4,460	1,500*	425	409.0	115	730	--	--	32	--
	11/11/02	5,150	2,380*	2,010	74.0	399	252	--	--	< 20	--
	2/14/03	6,360	2,410*	1,560	82.0	274	573	--	--	< 1	--
	9/10/04	1,600	180	370	6.5	68	93	< 1.0	10	13	1.1 (DIPE)
	12/7/04	1,900	< 200	450	8.2	72	100	< 0.9	5.4	9.5	< 0.9
	4/18/05	10,000	< 800	1,500	27.0	420	900	< 1.5	15	18	< 1.5
	6/20/05	6,100	< 600	830	19.0	280	400	< 1.5	17	22	< 1.5
	10/7/05	3,200	< 500	660	8.7	110	140	< 1.5	12	14	< 1.5
	12/7/05	1,000	< 200	220	2.5	48	37	< 0.5	< 5.0	12	< 0.5
	3/6/06	1,200	< 300	280	2.1	32	77	0.65	< 0.50	75	1.0 (DIPE) / 0.57(1,2-DCA)
	6/27/06	2,000	< 300	570	4.0	110	120	< 0.90	15	110	1.2(DIPE)
	8/24/06	2,500	< 300	830	6.5	120	120	< 0.90	18	95	< 0.90
	11/20/06	1,900	< 80	590	4.8	37	29	< 1.5	< 1.5	14	< 1.5
	2/5/07	2,700	< 80	970	4.4	53	62	< 1.5	< 12	45	< 1.5
	5/7/07	2,900	< 200	1,200	5.0	89	95	< 1.5	18	34	< 1.5
	8/3/07	1,800	< 200	610	3.4	36	25	0.62	9.3	25	1.4 DIPE
	12/5/07	1,300	< 200	530	3.4	3.4	20	< 0.90	6.0	32	0.98 DIPE
	2/25/08	800	< 50	180	6.0	15	35	< 0.50	30	44	0.76 DIPE
	5/20/08	560	< 50	130	3.6	5.7	14	< 0.50	21	34	0.85 DIPE
	8/22/08	110	< 50	7.3	< 0.50	< 0.50	0.79	< 0.50	12	28	1.0 DIPE
	12/10/08	190	< 50	38	0.53	2.7	1.8	< 0.50	6.6	20	0.76 DIPE
	3/20/09	86	< 50	8.7	< 0.50	1.1	3.6	< 0.50	< 5.0	14	0.73 DIPE
	6/4/09	160	< 50	28	< 0.50	1.5	1.9	< 0.50	< 5.0	12	0.72 DIPE
	12/3/09	280	< 50	46	0.61	0.93	1.9	< 0.50	< 5.0	12	0.65 DIPE
	5/19/10	200	< 50	20	< 0.50	< 0.50	< 0.50	< 0.50	9.3	13	0.94 DIPE
	12/21/10	200	< 50	32	< 0.50	1.1	3.3	< 0.50	< 5.0	9.5	0.64 DIPE
	6/29/11	120	< 50	13	< 0.50	< 0.50	< 0.50	< 0.50	6.7	9.8	0.85 DIPE
	12/13/11	520	< 80	92	0.96	1.1	1.7	< 0.50	7.8	14	1.1 DIPE
	9/12/12	350	---	51	0.76	0.94	2.0	< 0.50	< 5.0	9.8	0.76 DIPE
	3/30/13	86	---	7.3	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	8.1	0.55 DIPE
	9/30/13	130	< 50	17	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	8.8	0.63 DIPE

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs	
MW-5	6/13/02	536	< 50	6.4	0.6	22	23	--	--	11	--	
	11/11/02	3,270	1,230*	< 1	< 1	28	8	--	--	< 1	--	
	2/14/03	1,260	610*	9	7.0	22	5	--	--	< 1	--	
	9/10/04	1,300	150	2.4	< 0.50	0.77	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	
	12/7/04	1,000	< 200	4.1	< 0.50	1.4	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	
	4/18/05	Improperly Destroyed by City of Albany During Street Improvements										
MW-5R	10/7/05	760	< 800	2	< 0.50	8.3	1.2	< 0.50	< 5.0	< 0.50	< 0.50	
	12/7/05	5,200	< 2,000	36	1.0	320	15	< 0.50	< 5.0	< 0.50	< 0.50	
	3/6/06	6,300	< 3,000	44	1.2	370	19	< 0.90	5.9	< 0.90	< 0.90	
	6/27/06	5,100	< 2,000	53	1.3	370	17	< 0.50	5.6	< 0.50	< 0.50	
	8/24/06	6,500	< 2,000	80	1.8	510	18	< 0.90	9.9	< 0.90	< 0.90	
	11/20/06	5,400	< 600	160	2.4	370	100	< 0.90	10	81	< 0.90	
	2/5/07	6,300	< 1,500	69	3.2	480	31	< 0.80	10	< 0.80	< 0.80	
	5/7/07	5,600	< 500	61	2.4	510	19	< 0.90	11	< 0.90	< 0.90	
	8/3/07	170	< 50	3.7	< 0.50	< 0.50	< 0.50	1.4	9.2	330	< 0.50	
	12/5/07	4,500	< 800	32	1.3	240	10	< 0.50	< 5.0	< 0.50	< 0.50	
	2/25/08	6,000	< 600	41	1.7	310	13	< 0.50	5.6	< 0.50	< 0.50	
	5/20/08	220	< 50	2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	37	< 0.50	
	8/22/08	91	< 50	< 0.50	< 0.50	< 0.50	< 0.50	0.57	< 5.0	100	< 0.50	
	12/10/08	140	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	41	< 0.50	
	3/20/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	8.8	< 0.50	
	6/4/09	4,300	< 800	35	2.2	130	5.7	< 0.50	< 5.0	6.9	< 0.50	
	12/3/09	55	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50	
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.2	< 0.50	
	12/21/10	2,700	< 50	16	1.4	29	1.6	< 0.50	< 5.0	< 0.50	< 0.50	
	6/29/11	1,900	< 300	12	1.1	6.0	0.85	< 0.50	< 5.0	< 0.50	< 0.50	
12/13/11	3,200	< 400	15	1.2	10	1.3	< 0.50	< 5.0	< 0.50	< 0.50		
9/12/12	3,400	---	23	1.7	2.8	1.4	< 0.50	< 5.0	< 0.50	< 0.50		
3/30/13	2,200	---	5.7	0.85	4.2	0.62	< 0.50	< 5.0	< 0.50	< 0.50		
9/30/13	2,000	< 50	13	0.97	5.1	0.82	< 0.50	< 5.0	< 0.50	< 0.50		

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-6	6/13/02	2,980	1,460*	31	2.3	3.8	12	--	--	310	--
	11/11/02	3,570	1,210*	336	5	< 5	< 15	--	--	95	--
	2/14/03	3,770	1,620*	429	12	7	10	--	--	122	--
	9/10/04	< 1,000	390	2.7	< 0.50	< 0.50	< 0.50	2.3	48	280	< 0.50
	12/7/04	1,800	< 600	32	1.7	< 0.50	1.1	2.2	49	160	< 0.50
	4/18/05	1,200	1,400	34	1.3	< 0.50	0.90	0.86	19	36	< 0.50
	6/20/05	590	1,300	3.3	< 0.50	< 0.50	< 0.50	< 0.50	5.5	8.5	< 0.50
	10/7/05	470	1,300	6.8	< 0.50	< 0.50	< 0.50	0.67	20	82	< 0.50
	12/7/05	420	910	10	< 0.50	< 0.50	< 0.50	< 0.50	7.3	22	< 0.50
	3/6/06	790	590	3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.3	< 0.50
	6/27/06	2,600	980	100	4.0	0.96	2.2	1.0	49	78	< 0.50
	8/24/06	1,200	960	57	2.3	< 0.50	1.1	0.82	34	64	< 0.50
	11/20/06	1,300	< 200	58	1.7	< 0.50	1.3	< 0.50	18	26	< 0.50
	2/5/07	1,200	< 200	49	1.8	< 0.50	1.6	0.90	45	67	< 0.50
	5/7/07	290	< 50	3.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.0	< 0.50
	8/3/07	580	< 80	23	1.0	< 0.50	< 0.50	0.57	34	45	< 0.50
	12/5/07	870	< 800	2.8	< 0.50	< 0.50	< 0.50	0.58	20	54	< 0.50
	2/25/08	1,400	< 500	16	0.73	< 0.50	9.6	< 0.50	19	77	< 0.50
	5/20/08	1,600	< 200	42	2.0	< 0.50	1.1	0.72	59	58	< 0.50
	8/22/08	520	< 300	3.2	< 0.50	< 0.50	< 0.50	0.62	47	70	< 0.50
	12/10/08	1,000	< 6,000	0.53	< 0.50	< 0.50	< 0.50	< 0.50	24	21	< 0.50
	3/20/09	700	< 500	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.9	< 0.50
	6/4/09	160	< 1,500	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	10	18	< 0.50
	12/3/09	750	< 1,500	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	4.4	< 0.50
	5/19/10	210	< 200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.8	< 0.50
	12/21/10	130	< 400	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	390	< 200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.5	< 0.50
	12/13/11	94	< 100	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	18	< 0.50
	9/12/12	270	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	300	850*	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-7	6/13/02	24,100	1,570*	2,310	657	945	5,430	--	--	951	--
	11/11/02	4,760	2,160*	1,820	21	316	1,141	--	--	702	--
	2/14/03	4,320	2,380*	1,020	7	223	293	--	--	1,410	--
	9/10/04	4,800	< 300	640	16	250	490	< 1.5	31	590	< 1.5
	12/7/04	990	< 300	140	3.4	49	70	4.0	< 20	960	< 2.0
	4/18/05	1,400	< 300	260	1.3	96	16	< 1.0	20	370	< 1.0
	6/20/05	1,900	< 200	320	1.0	130	24	< 0.50	17	370	< 0.50
	10/7/05	2,600	< 800	190	4.7	91	200	< 0.73	8.0J	310	< 0.50
	12/7/05					Not sampled. Inaccessible					
	3/6/06	640	< 200	85	0.88	24	30	< 0.50	8.0	150	< 0.50
	6/27/06	1,200	< 200	180	1.7	64	64	< 0.50	14	150	< 0.50
	8/24/06	990	< 200	120	0.96	36	51	< 0.50	13	180	< 0.50
	11/20/06	1,600	< 200	200	1.6	59	160	< 0.50	5.2	180	< 0.50
	2/5/07	2,300	< 200	390	2.6	120	140	< 0.50	15	190	< 0.50
	5/7/07	490	< 80	190	0.61	93	3.2	0.55	16	200	< 0.50
	8/3/07	2,100	< 200	390	2.4	94	73	0.61	19	220	0.51 DIPE
	12/5/07	140	< 50	7.2	0.67	3.0	18	0.98	150	180	< 0.50
	2/25/08	< 50	< 50	0.98	< 0.50	0.69	2.4	< 0.50	< 5.0	100	< 0.50
	5/20/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	1.3	< 0.50
	8/22/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/10/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/20/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/3/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.55	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	180	< 80	< 0.50	< 0.50	2.8	14	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-8	6/13/02	20,000	7,760*	2,200	1,140	1,050	4,090	--	--	12,000	--
	11/11/02	5,010	2,010*	187	< 1	15	< 3	--	--	16,600	--
	2/14/03	1,980	< 50	607	6	113	40	--	--	11,500	--
	9/10/04	< 2,000	200	110	< 20	26	49	25	< 200	8,600	< 20
	12/7/04	2,000	280	420	< 10	40	61	31	100	6,800	< 10
	4/18/05	< 1000	250	76	< 10	23	< 10	17	< 100	3,700	< 10
	6/20/05	1,300	300	190	< 7.0	21	40	19	< 40	3,400	< 7.0
	10/7/05	< 700	200	85	< 7.0	9.3	8.3	23	< 40	4,400	< 7.0
	12/7/05	1,400	300	250	8.7	41	90	18	< 40	4,400	< 7.0
	3/6/06										
	6/27/06	710	250	100	< 5.0	7.8	26	16	30	3,100	< 5.0
	8/24/06	540	260	74	< 5.0	5.4	45	15	< 25	2,700	< 5.0
	11/20/06	2,100	< 100	380	4.4	18	170	10	530	1,900	< 4.0
	2/5/07	1,700	< 100	560	3.9	7.5	80	2.7	970	630	< 1.0
	5/7/07	510	< 50	170	0.61	2.1	5.4	0.57	460	110	< 0.50
	8/3/07	840	< 80	240	1.6	7.0	18	< 0.50	100	100	< 0.50
	12/5/07	1,400	< 300	9.2	3.9	36	310	1.5	210	370	< 0.50
	2/25/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	130	< 0.50
	5/20/08	< 50	< 50	< 0.50	< 0.50	< 0.50	1.5	< 0.50	< 5.0	6.1	< 0.50
	8/22/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/10/08	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/20/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/3/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO

Summary of Analytical Results for **GROUNDWATER** Samples

Albany Hill Mini Mart

800 San Pablo Avenue, Albany, CA

All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-9	6/27/02	19,000	--	1,430	1,750	501	5,410	--	--	< 0.5	--
	11/11/02	19,000	13,200*	3,390	4,540	1,020	9,050	--	--	549	--
	2/14/03	21,300	8,200*	1,700	2,200	701	4,970	--	--	< 1	--
	9/10/04	12,000	< 1,500	890	37	280	2,000	< 5.0	< 50	< 5.0	< 5.0
	12/7/04	13,000	< 1,500	950	580	480	2,900	< 5.0	< 50	< 5.0	< 5.0
	4/18/05	9,600	< 1,000	620	180	260	1,400	< 2.5	< 25	< 2.5	< 2.5
	6/20/05	9,800	< 1,500	760	260	430	1,400	< 2.0	< 9.0	< 2.0	< 2.0
	10/7/05	3,400	< 1000	350	170	100	480	< 0.50	< 5.0	< 0.50	< 0.50
	12/7/05	5,600	< 1000	320	97	200	580	< 0.90	< 5.0	< 0.50	< 0.50
	3/6/06	4,200	< 800	460	120	97	600	< 0.90	< 5.0	< 0.90	< 0.50
	6/27/06	8,100	< 1,000	710	330	390	1,700	< 0.50	< 5.0	< 2.0	< 0.50
	8/24/06	6,100	< 800	550	220	280	1,200	< 2.0	< 9.0	< 2.0	< 2.0
	11/20/06	5,200	< 400	310	98	130	850	< 1.0	< 5.0	< 1.0	< 1.0
	2/5/07	4,500	< 400	370	120	190	720	< 1.0	< 5.0	< 1.0	< 1.0
	5/7/07	6,400	< 300	700	220	380	1,200	< 1.0	< 5.0	< 1.0	< 1.0
	8/3/07	5,300	< 300	380	140	290	830	< 0.90	< 5.0	< 0.90	< 0.90
	12/5/07	4,100	< 300	250	84	130	990	< 1.0	< 5.0	< 1.0	< 1.0
	2/25/08	2,600	< 300	250	20	120	290	< 0.50	< 5.0	< 0.50	< 0.50
	5/20/08	3,000	< 200	320	39	170	390	< 0.50	< 5.0	0.51	< 0.50
	8/22/08	3,700	< 600	220	68	190	610	< 0.50	< 5.0	0.72	< 0.50
	12/10/08	4,100	< 300	240	80	250	840	< 0.50	< 5.0	< 0.50	< 0.50
	3/20/09	1,800	< 200	170	22	81	250	< 0.50	< 5.0	< 0.50	< 0.50
	6/4/09	2,600	< 200	260	35	110	410	< 0.50	< 5.0	< 0.50	< 0.50
	12/3/09	5,200	< 300	260	63	320	970	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	3,000	< 300	190	23	120	490	< 0.90	< 5.0	< 0.90	< 0.90
	12/21/10	4,900	< 300	200	35	260	1,000	< 0.90	< 5.0	< 0.90	< 0.90
	6/29/11	3,400	< 300	140	20	160	800	< 0.90	< 5.0	< 0.90	< 0.90
	12/13/11	7,300	< 400	170	32	340	1,600	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	5,400	---	76	16	210	750	< 0.90	5.0	< 0.90	< 0.90
	3/30/13	3,400	---	46	8.2	130	500	< 0.50	< 5.0	< 0.50	< 0.50
	9/30/13	4,200	< 50	69	12	170	630	< 0.50	< 5.0	< 0.50	< 0.50

TABLE TWO
 Summary of Analytical Results for **GROUNDWATER** Samples
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA
 All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-10	10/7/05	470	330	17	<0.50	2	11	1.2	9.4J	210	<0.50
	12/7/05					Not sampled. Inaccessible					
	3/6/06	130	130	4.2	< 0.50	< 0.50	< 0.50	4.9	13	820	0.55 (DIPE)
	6/27/06	< 400	140	4.4	< 0.50	< 0.50	< 0.50	8.9	21	1,300	0.60 (DIPE)
	8/24/06	< 400	140	< 4.0	< 4.0	< 4.0	< 4.0	7.0	< 20	1,400	< 4.0
	11/20/06	< 150	< 50	2.5	< 1.5	< 1.5	< 1.5	3.3	10	750	< 1.5
	2/5/07	170	< 50	3.0	< 0.90	< 0.90	< 0.90	2.4	6.5	440	< 0.90
	5/7/07	96	< 50	2.3	< 0.50	< 0.50	< 0.50	0.83	< 5.0	180	< 0.50
	8/3/07	5,000	< 1,000	67	2.3	410	14	< 0.50	6.7	< 0.50	< 0.50
	12/5/07	310	< 50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	2/25/08	240	240	5.3	< 0.50	< 0.50	< 0.50	< 0.50	9.3	57	< 0.50
	5/20/08	3,400	< 500	23	1.2	120	5.9	< 0.50	< 5.0	< 0.50	< 0.50
	8/22/08	1,900	< 500	22	0.89	3.8	2.1	< 0.50	5.1	< 0.50	< 0.50
	12/10/08	3,500	< 500	40	2.0	190	7.8	< 0.50	< 5.0	< 0.50	< 0.50
	3/20/09	4,100	< 600	40	1.7	150	5.8	< 0.50	5.9	< 0.50	< 0.50
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	34	< 0.50	< 0.50
	12/3/09	4,500	< 800	36	2.5	140	4.3	< 0.50	< 5.0	< 0.50	< 0.50
	5/19/10	3,600	< 600	19	2.3	120	3.3	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	7.2	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.0	< 0.50
12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	3.5	< 0.50	
9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.6	< 0.50	
3/30/13	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.67	< 0.50	
9/30/13	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	1.4	< 0.50
ESL		100	100	1.0	40	30	20	NE	12	5.0	Varies

Notes:

Data prior to August 2004 is based on a table compiled by AARS - ASE has not checked results against original laboratory reports.

* Does not match diesel pattern

** Confirmed by GC/MS method 8260

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (May 2013)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region for sites where groundwater is a current or potential source of drinking water.

Most recent concentrations are in **Bold**.

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory detection limit.

NE indicates that no ESL has been established for this compound.



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APPENDIX A

Remediation System Field Log



Aqua Science Engineers, Inc. 55 Oak Court, Danville, CA 94526
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APPENDIX B

Monitoring Well Sampling Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME <u>ALBANY HILL MINI MART</u>	
JOB NUMBER <u>3934</u>	DATE OF SAMPLING <u>09-30-13</u>
WELL ID. <u>MW-1</u>	SAMPLER <u>D4</u>
TOTAL DEPTH OF WELL <u>24.2</u>	WELL DIAMETER <u>2</u>
DEPTH TO WATER PRIOR TO PURGING <u>13.15</u>	TIME OF MEASUREMENT
PRODUCT THICKNESS <u>0</u>	
DEPTH OF WELL CASING IN WATER <u>11.05</u>	
NUMBER OF GALLONS PER WELL CASING VOLUME <u>1.74</u>	
NUMBER OF WELL CASING VOLUMES TO BE REMOVED <u>3</u>	
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING <u>5.3</u>	
EQUIPMENT USED TO PURGE WELL	<u>NEW DISPOSABLE BAILER</u>
TIME EVACUATION STARTED <u>1050</u>	TIME EVACUATION COMPLETED <u>1103</u>
TIME SAMPLES WERE COLLECTED <u>1105</u>	
DID WELL GO DRY <u>No</u>	AFTER HOW MANY GALLONS <u>—</u>
VOLUME OF GROUNDWATER PURGED	<u>5.3</u>
SAMPLING DEVICE	<u>NEW DISPOSABLE BAILER</u>
SAMPLE COLOR <u>LT GRAY</u>	ODOR/SEDIMENT <u>NO / SL</u>

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>18.7</u>	<u>6.3</u>	<u>100</u>
<u>2</u>	<u>18.7</u>	<u>6.3</u>	<u>890</u>
<u>3</u>	<u>18.8</u>	<u>6.3</u>	<u>910</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-1</u>	<u>5</u>	<u>40 ml VOA</u>	<u>TPH-G/BTEX SO4/TPH-D</u>	<u>HEP</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-2 SAMPLER D4

TOTAL DEPTH OF WELL 24.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.17 TIME OF MEASUREMENT

PRODUCT THICKNESS .6

DEPTH OF WELL CASING IN WATER 12.63

NUMBER OF GALLONS PER WELL CASING VOLUME 2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 10:15 TIME EVACUATION COMPLETED 10:26

TIME SAMPLES WERE COLLECTED 10:28

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.7	6.7	430
2	19.6	6.7	420
3	19.7	6.8	430

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	5	40 ml VOA	TPH-G/BTEX SOX4/TPH-D	Hcl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 23.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.88 TIME OF MEASUREMENT 0

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.92

NUMBER OF GALLONS PER WELL CASING VOLUME 1.9

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.7

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1127 TIME EVACUATION COMPLETED 1140

TIME SAMPLES WERE COLLECTED 1141

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRW ODOR/SEDIMENT NO/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.1	7.2	400
2	20.1	7.2	400
3	20.2	7.3	410

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-3	5	40ml VOA	TPH-G/BTEX SOX4/TPH-D	Hcl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-4 SAMPLER D4

TOTAL DEPTH OF WELL 24.5' WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.91 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.59

NUMBER OF GALLONS PER WELL CASING VOLUME 2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0810 TIME EVACUATION COMPLETED 0819

TIME SAMPLES WERE COLLECTED 0820

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT SL HC/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.9	6.4	1570
2	19.0	6.3	1560
3	14.0	6.3	1570

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	40 ml VOA	TPH-G/BTEX SCX4/TPH-D	Hcl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME <u>ALBANY HILL MINI MART</u>	
JOB NUMBER <u>3934</u>	DATE OF SAMPLING <u>09-30-13</u>
WELL ID. <u>MW-5R</u>	SAMPLER <u>D4</u>
TOTAL DEPTH OF WELL <u>19.58</u>	WELL DIAMETER <u>2</u>
DEPTH TO WATER PRIOR TO PURGING <u>11.60</u>	TIME OF MEASUREMENT
PRODUCT THICKNESS <u>0</u>	
DEPTH OF WELL CASING IN WATER <u>7.98</u>	
NUMBER OF GALLONS PER WELL CASING VOLUME <u>1.3</u>	
NUMBER OF WELL CASING VOLUMES TO BE REMOVED <u>3</u>	
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING <u>4.2</u>	
EQUIPMENT USED TO PURGE WELL	<u>NEW DISPOSABLE BAILER</u>
TIME EVACUATION STARTED <u>0845</u>	TIME EVACUATION COMPLETED <u>0854</u>
TIME SAMPLES WERE COLLECTED <u>0855</u>	
DID WELL GO DRY <u>NO</u>	AFTER HOW MANY GALLONS <u>—</u>
VOLUME OF GROUNDWATER PURGED <u>4.2</u>	
SAMPLING DEVICE	<u>NEW DISPOSABLE BAILER</u>
SAMPLE COLOR <u>URAN</u>	ODOR/SEDIMENT <u>SLHC/SL</u>

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
<u>1</u>	<u>20.1</u>	<u>6.3</u>	<u>530</u>
<u>2</u>	<u>20.3</u>	<u>6.2</u>	<u>550</u>
<u>3</u>	<u>20.4</u>	<u>6.1</u>	<u>540</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-5R</u>	<u>5</u>	<u>40ml VOA</u>	<u>TPH-G/BTEX SLX4/TPH-D</u>	<u>HCL</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-6 SAMPLER D4

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 10.42 TIME OF MEASUREMENT

PRODUCT THICKNESS Ø

DEPTH OF WELL CASING IN WATER 14.08

NUMBER OF GALLONS PER WELL CASING VOLUME 2.25

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.75

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0940 TIME EVACUATION COMPLETED 0953

TIME SAMPLES WERE COLLECTED 0954

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.75

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO / MOD SILT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.7	6.5	570
2	20.7	6.6	570
3	20.8	6.6	570

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-6</u>	<u>5</u>	<u>40ml VOA</u>	<u>TPH-6/BTEX SCX4/TOH-D</u>	<u>Hel</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-7 SAMPLER D4

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.70 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12

NUMBER OF GALLONS PER WELL CASING VOLUME 1.92

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.75

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1230 TIME EVACUATION COMPLETED 1242

TIME SAMPLES WERE COLLECTED 1244

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRW ODOR/SEDIMENT NO/SU

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.7	7.1	440
2	18.8	7.1	440
3	18.8	7.0	450

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	5	40ml VOA	TPH-G/BTEX SCX4/TPH-D	Hel

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-8 SAMPLER D4

TOTAL DEPTH OF WELL 19.1 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.32 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 6.78

NUMBER OF GALLONS PER WELL CASING VOLUME 1.1

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.3

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1205 TIME EVACUATION COMPLETED 1212

TIME SAMPLES WERE COLLECTED 1215

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 3.5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR Y Bln ODOR/SEDIMENT NO / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	14.0	7.0	440
2	18.8	7.1	450
3	18.2	7.1	440

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-8	5	40ml VOA	TPH-G/BTEX SOX4/TPH-D	Hcl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	ALBANY HILL MIN. PLANT		
JOB NUMBER	3934	DATE OF SAMPLING	09.30.13
WELL ID.	MW-9	SAMPLER	DA
TOTAL DEPTH OF WELL	16.8	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	13.36	TIME OF MEASUREMENT	
PRODUCT THICKNESS	0		
DEPTH OF WELL CASING IN WATER	3.44		
NUMBER OF GALLONS PER WELL CASING VOLUME	.55		
NUMBER OF WELL CASING VOLUMES TO BE REMOVED	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	1.65		
EQUIPMENT USED TO PURGE WELL	NEW DISPOSABLE BAILER		
TIME EVACUATION STARTED	0745	TIME EVACUATION COMPLETED	0750
TIME SAMPLES WERE COLLECTED	1310		
DID WELL GO DRY	YES	AFTER HOW MANY GALLONS	3/4
VOLUME OF GROUNDWATER PURGED	3/4		
SAMPLING DEVICE	NEW DISPOSABLE BAILER		
SAMPLE COLOR	LT GRAY	ODOR/SEDIMENT	NO H ₂ S / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.9	6.4	730

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	5	40 ml VOA	TPH-G / BTEX FOURYS / TPH-D	Yes

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 09-30-13

WELL ID. MW-10 SAMPLER D4

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.20 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 13

NUMBER OF GALLONS PER WELL CASING VOLUME 2.2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.6

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0910 TIME EVACUATION COMPLETED 0922

TIME SAMPLES WERE COLLECTED 0923

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BROW ODOR/SEDIMENT NO/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.3	6.4	720
2	20.3	6.3	720
3	20.4	6.4	730

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-10	5	40 ml VOA	TPH-G/BTEX SCX4/TPH-D	Heb



Aqua Science Engineers, Inc. 55 Oak Court, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX C

Certified Analytical Report
and
Chain of Custody Documentation
for
Groundwater Samples

Laboratory Results

David Allen
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 10 Water Samples
Project Name : ALBANY HILL M.M.
Project Number : 3934

Dear Mr. Allen,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Troy Turpen



Report Number : 86199

Date : 10/11/2013

Subject : 10 Water Samples
Project Name : ALBANY HILL M.M.
Project Number : 3934

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with sample MW-4 for the analyte Benzene were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-1**

Matrix : Water

Lab Number : 86199-01

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	0.67	0.50	ug/L	EPA 8260B	10/07/13 17:33
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Methyl-t-butyl ether (MTBE)	8.1	0.50	ug/L	EPA 8260B	10/07/13 17:33
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:33
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 17:33
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/13 17:33
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	10/07/13 17:33
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	10/07/13 17:33
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 10:45
Octacosane (Silica Gel Surr)	115		% Recovery	M EPA 8015	10/10/13 10:45

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-2**

Matrix : Water

Lab Number : 86199-02

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:32
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 17:32
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/13 17:32
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/07/13 17:32
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	10/07/13 17:32
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 11:14
Octacosane (Silica Gel Surr)	103		% Recovery	M EPA 8015	10/10/13 11:14



Report Number : 86199

Date : 10/11/2013

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-3**

Matrix : Water

Lab Number : 86199-03

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:42
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 17:42
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/13 17:42
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	10/07/13 17:42
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	10/07/13 17:42
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 11:44
Octacosane (Silica Gel Surr)	118		% Recovery	M EPA 8015	10/10/13 11:44



Report Number : 86199

Date : 10/11/2013

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-4**

Matrix : Water

Lab Number : 86199-04

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	17	0.50	ug/L	EPA 8260B	10/07/13 17:30
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:30
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:30
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:30
Methyl-t-butyl ether (MTBE)	8.8	0.50	ug/L	EPA 8260B	10/07/13 17:30
Diisopropyl ether (DIPE)	0.63	0.50	ug/L	EPA 8260B	10/07/13 17:30
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:30
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 17:30
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 17:30
TPH as Gasoline	130	50	ug/L	EPA 8260B	10/07/13 17:30
1,2-Dichloroethane-d4 (Surr)	97.6		% Recovery	EPA 8260B	10/07/13 17:30
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/07/13 17:30
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 12:13
Octacosane (Silica Gel Surr)	117		% Recovery	M EPA 8015	10/10/13 12:13

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-5R**

Matrix : Water

Lab Number : 86199-05

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	13	0.50	ug/L	EPA 8260B	10/07/13 22:56
Toluene	0.97	0.50	ug/L	EPA 8260B	10/07/13 22:56
Ethylbenzene	5.1	0.50	ug/L	EPA 8260B	10/07/13 22:56
Total Xylenes	0.82	0.50	ug/L	EPA 8260B	10/07/13 22:56
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 22:56
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 22:56
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 22:56
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 22:56
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 22:56
TPH as Gasoline	2000	50	ug/L	EPA 8260B	10/07/13 22:56
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	10/07/13 22:56
Toluene - d8 (Surr)	96.8		% Recovery	EPA 8260B	10/07/13 22:56
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 12:43
Octacosane (Silica Gel Surr)	109		% Recovery	M EPA 8015	10/10/13 12:43

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-6**

Matrix : Water

Lab Number : 86199-06

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/13 23:28
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/13 23:28
TPH as Gasoline	300	50	ug/L	EPA 8260B	10/07/13 23:28
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	10/07/13 23:28
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	10/07/13 23:28
TPH as Diesel (Silica Gel)	850	50	ug/L	M EPA 8015	10/10/13 10:26
(Note: Lower boiling hydrocarbons present, atypical for Diesel Fuel.)					
Octacosane (Silica Gel Surr)	123		% Recovery	M EPA 8015	10/10/13 10:26

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-7**

Matrix : Water

Lab Number : 86199-07

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:01
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/08/13 00:01
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/08/13 00:01
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/08/13 00:01
Toluene - d8 (Surr)	96.2		% Recovery	EPA 8260B	10/08/13 00:01
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 13:12
Octacosane (Silica Gel Surr)	118		% Recovery	M EPA 8015	10/10/13 13:12



Report Number : 86199

Date : 10/11/2013

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-8**

Matrix : Water

Lab Number : 86199-08

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 00:34
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/08/13 00:34
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/08/13 00:34
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	10/08/13 00:34
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	10/08/13 00:34
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 13:41
Octacosane (Silica Gel Surr)	108		% Recovery	M EPA 8015	10/10/13 13:41

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-9**

Matrix : Water

Lab Number : 86199-09

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	69	0.50	ug/L	EPA 8260B	10/08/13 01:06
Toluene	12	0.50	ug/L	EPA 8260B	10/08/13 01:06
Ethylbenzene	170	0.50	ug/L	EPA 8260B	10/08/13 01:06
Total Xylenes	630	1.5	ug/L	EPA 8260B	10/08/13 15:29
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 01:06
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 01:06
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 01:06
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 01:06
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/08/13 01:06
TPH as Gasoline	4200	50	ug/L	EPA 8260B	10/08/13 01:06
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/08/13 01:06
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	10/08/13 01:06
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 14:10
Octacosane (Silica Gel Surr)	115		% Recovery	M EPA 8015	10/10/13 14:10



Report Number : 86199

Date : 10/11/2013

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Sample : **MW-10**

Matrix : Water

Lab Number : 86199-10

Sample Date :09/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Methyl-t-butyl ether (MTBE)	1.4	0.50	ug/L	EPA 8260B	10/08/13 13:45
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/08/13 13:45
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/08/13 13:45
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/08/13 13:45
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	10/08/13 13:45
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	10/08/13 13:45
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/13 14:39
Octacosane (Silica Gel Surr)	109		% Recovery	M EPA 8015	10/10/13 14:39

QC Report : Method Blank DataProject Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	10/10/2013	Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Octacosane (Silica Gel Surr)	103		%	M EPA 8015	10/10/2013	Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/2013	TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/07/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/2013	Toluene - d8 (Surr)	99.9		%	EPA 8260B	10/07/2013
1,2-Dichloroethane-d4 (Surr)	99.0		%	EPA 8260B	10/07/2013	Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Toluene - d8 (Surr)	96.5		%	EPA 8260B	10/07/2013	Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/08/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/08/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/2013	TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/08/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013	1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	10/08/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/2013	Toluene - d8 (Surr)	100		%	EPA 8260B	10/08/2013
1,2-Dichloroethane-d4 (Surr)	99.3		%	EPA 8260B	10/07/2013						
Toluene - d8 (Surr)	99.9		%	EPA 8260B	10/07/2013						

QC Report : Method Blank DataProject Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/07/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/07/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/07/2013
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	10/07/2013
Toluene - d8 (Surr)	96.9		%	EPA 8260B	10/07/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	86199-01	0.67	40.0	40.0	42.4	42.2	ug/L	EPA 8260B	10/7/13	104	104	0.423	70.0-130	25
Diisopropyl ether	86199-01	<0.50	39.3	39.3	39.9	40.6	ug/L	EPA 8260B	10/7/13	101	103	1.66	70.0-130	25
Ethyl-tert-butyl ether	86199-01	<0.50	40.1	40.1	39.7	40.3	ug/L	EPA 8260B	10/7/13	99.0	100	1.44	70.0-130	25
Ethylbenzene	86199-01	<0.50	40.0	40.0	41.6	41.4	ug/L	EPA 8260B	10/7/13	104	103	0.622	70.0-130	25
Methyl-t-butyl ether	86199-01	8.1	39.9	39.9	45.5	45.7	ug/L	EPA 8260B	10/7/13	93.7	94.4	0.712	70.0-130	25
P + M Xylene	86199-01	<0.50	40.0	40.0	42.4	42.2	ug/L	EPA 8260B	10/7/13	106	106	0.526	70.0-130	25
Tert-Butanol	86199-01	<5.0	202	202	212	208	ug/L	EPA 8260B	10/7/13	105	103	2.03	70.0-130	25
Tert-amyl-methyl ether	86199-01	<0.50	40.3	40.3	38.8	39.8	ug/L	EPA 8260B	10/7/13	96.2	98.6	2.46	70.0-130	25
Toluene	86199-01	<0.50	40.0	40.0	40.6	40.4	ug/L	EPA 8260B	10/7/13	102	101	0.428	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	86199-04	17	40.0	40.0	71.5	71.1	ug/L	EPA 8260B	10/7/13	136	135	0.661	70.0-130	25
Diisopropyl ether														
	86199-04	0.63	39.3	39.3	42.7	43.4	ug/L	EPA 8260B	10/7/13	107	109	1.60	70.0-130	25
Ethyl-tert-butyl ether														
	86199-04	<0.50	40.1	40.1	42.9	42.9	ug/L	EPA 8260B	10/7/13	107	107	0.0301	70.0-130	25
Ethylbenzene														
	86199-04	<0.50	40.0	40.0	41.4	41.2	ug/L	EPA 8260B	10/7/13	104	103	0.529	70.0-130	25
Methyl-t-butyl ether														
	86199-04	8.8	39.9	39.9	51.7	52.2	ug/L	EPA 8260B	10/7/13	107	109	1.14	70.0-130	25
P + M Xylene														
	86199-04	<0.50	40.0	40.0	37.4	37.5	ug/L	EPA 8260B	10/7/13	93.5	93.8	0.307	70.0-130	25
Tert-Butanol														
	86199-04	<5.0	202	202	210	211	ug/L	EPA 8260B	10/7/13	104	105	0.751	70.0-130	25
Tert-amyl-methyl ether														
	86199-04	<0.50	40.3	40.3	42.7	42.5	ug/L	EPA 8260B	10/7/13	106	105	0.429	70.0-130	25
Toluene														
	86199-04	<0.50	40.0	40.0	40.1	39.7	ug/L	EPA 8260B	10/7/13	100	99.4	0.833	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	86199-03	<0.50	40.0	40.0	39.1	38.3	ug/L	EPA 8260B	10/7/13	97.8	95.8	2.03	70.0-130	25
Diisopropyl ether	86199-03	<0.50	39.3	39.3	40.2	39.8	ug/L	EPA 8260B	10/7/13	102	101	1.10	70.0-130	25
Ethyl-tert-butyl ether	86199-03	<0.50	40.1	40.1	40.4	39.7	ug/L	EPA 8260B	10/7/13	101	99.0	1.64	70.0-130	25
Ethylbenzene	86199-03	<0.50	40.0	40.0	42.2	41.5	ug/L	EPA 8260B	10/7/13	105	104	1.62	70.0-130	25
Methyl-t-butyl ether	86199-03	<0.50	39.9	39.9	38.6	38.1	ug/L	EPA 8260B	10/7/13	96.7	95.5	1.20	70.0-130	25
P + M Xylene	86199-03	<0.50	40.0	40.0	43.8	43.4	ug/L	EPA 8260B	10/7/13	109	108	0.903	70.0-130	25
Tert-Butanol	86199-03	<5.0	202	202	202	198	ug/L	EPA 8260B	10/7/13	100	98.0	2.01	70.0-130	25
Tert-amyl-methyl ether	86199-03	<0.50	40.3	40.3	39.6	39.3	ug/L	EPA 8260B	10/7/13	98.3	97.4	0.892	70.0-130	25
Toluene	86199-03	<0.50	40.0	40.0	40.3	39.5	ug/L	EPA 8260B	10/7/13	101	98.8	2.04	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	86205-01	<0.50	40.0	40.0	38.9	38.0	ug/L	EPA 8260B	10/8/13	97.4	94.9	2.52	70.0-130	25
Diisopropyl ether	86205-01	<0.50	39.3	39.3	39.8	39.4	ug/L	EPA 8260B	10/8/13	101	100	0.827	70.0-130	25
Ethyl-tert-butyl ether	86205-01	<0.50	40.1	40.1	39.8	39.3	ug/L	EPA 8260B	10/8/13	99.3	98.0	1.27	70.0-130	25
Ethylbenzene	86205-01	<0.50	40.0	40.0	42.3	40.6	ug/L	EPA 8260B	10/8/13	106	101	4.06	70.0-130	25
Methyl-t-butyl ether	86205-01	2.5	39.9	39.9	40.5	40.6	ug/L	EPA 8260B	10/8/13	95.3	95.5	0.172	70.0-130	25
P + M Xylene	86205-01	<0.50	40.0	40.0	43.9	42.3	ug/L	EPA 8260B	10/8/13	110	106	3.78	70.0-130	25
Tert-Butanol	86205-01	<5.0	202	202	196	196	ug/L	EPA 8260B	10/8/13	97.5	97.0	0.444	70.0-130	25
Tert-amyl-methyl ether	86205-01	<0.50	40.3	40.3	39.0	39.4	ug/L	EPA 8260B	10/8/13	96.7	97.7	1.09	70.0-130	25
Toluene	86205-01	<0.50	40.0	40.0	40.2	39.2	ug/L	EPA 8260B	10/8/13	100	98.0	2.48	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	86199-02	<0.50	40.0	40.0	40.5	39.8	ug/L	EPA 8260B	10/7/13	101	99.5	1.69	70.0-130	25
Diisopropyl ether	86199-02	<0.50	39.3	39.3	45.7	45.6	ug/L	EPA 8260B	10/7/13	116	116	0.399	70.0-130	25
Ethyl-tert-butyl ether	86199-02	<0.50	40.1	40.1	42.5	42.5	ug/L	EPA 8260B	10/7/13	106	106	0.0793	70.0-130	25
Ethylbenzene	86199-02	<0.50	40.0	40.0	41.7	40.7	ug/L	EPA 8260B	10/7/13	104	102	2.37	70.0-130	25
Methyl-t-butyl ether	86199-02	<0.50	39.9	39.9	42.4	42.6	ug/L	EPA 8260B	10/7/13	106	107	0.367	70.0-130	25
P + M Xylene	86199-02	<0.50	40.0	40.0	40.9	39.9	ug/L	EPA 8260B	10/7/13	102	99.8	2.45	70.0-130	25
Tert-Butanol	86199-02	<5.0	202	202	198	198	ug/L	EPA 8260B	10/7/13	98.3	98.1	0.267	70.0-130	25
Tert-amyl-methyl ether	86199-02	<0.50	40.3	40.3	41.4	41.1	ug/L	EPA 8260B	10/7/13	102	102	0.556	70.0-130	25
Toluene	86199-02	<0.50	40.0	40.0	39.8	39.0	ug/L	EPA 8260B	10/7/13	99.5	97.5	1.99	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **ALBANY HILL M.M.**

Project Number : **3934**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH-D (Si Gel)	BLANK	<50	1000	1000	888	876	ug/L	M EPA 8015	10/10/13	88.8	87.6	1.41	70-130	25

QC Report : Laboratory Control Sample (LCS)

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.2	ug/L	EPA 8260B	10/7/13	104	70.0-130
Diisopropyl ether	39.5	ug/L	EPA 8260B	10/7/13	100	70.0-130
Ethyl-tert-butyl ether	40.3	ug/L	EPA 8260B	10/7/13	93.8	70.0-130
Ethylbenzene	40.2	ug/L	EPA 8260B	10/7/13	103	70.0-130
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	10/7/13	85.7	70.0-130
P + M Xylene	40.2	ug/L	EPA 8260B	10/7/13	105	70.0-130
TPH as Gasoline	492	ug/L	EPA 8260B	10/7/13	101	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/7/13	105	70.0-130
Tert-amyl-methyl ether	40.5	ug/L	EPA 8260B	10/7/13	91.4	70.0-130
Toluene	40.2	ug/L	EPA 8260B	10/7/13	101	70.0-130
Benzene	40.0	ug/L	EPA 8260B	10/7/13	98.7	70.0-130
Diisopropyl ether	39.3	ug/L	EPA 8260B	10/7/13	103	70.0-130
Ethyl-tert-butyl ether	40.1	ug/L	EPA 8260B	10/7/13	103	70.0-130
Ethylbenzene	40.0	ug/L	EPA 8260B	10/7/13	101	70.0-130
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	10/7/13	102	70.0-130
P + M Xylene	40.0	ug/L	EPA 8260B	10/7/13	92.5	70.0-130
TPH as Gasoline	495	ug/L	EPA 8260B	10/7/13	104	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/7/13	99.6	70.0-130
Tert-amyl-methyl ether	40.3	ug/L	EPA 8260B	10/7/13	102	70.0-130
Toluene	40.0	ug/L	EPA 8260B	10/7/13	97.2	70.0-130

QC Report : Laboratory Control Sample (LCS)

Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.2	ug/L	EPA 8260B	10/7/13	94.5	70.0-130
Diisopropyl ether	39.5	ug/L	EPA 8260B	10/7/13	97.8	70.0-130
Ethyl-tert-butyl ether	40.3	ug/L	EPA 8260B	10/7/13	96.5	70.0-130
Ethylbenzene	40.2	ug/L	EPA 8260B	10/7/13	101	70.0-130
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	10/7/13	92.1	70.0-130
P + M Xylene	40.2	ug/L	EPA 8260B	10/7/13	106	70.0-130
TPH as Gasoline	490	ug/L	EPA 8260B	10/7/13	96.7	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/7/13	96.0	70.0-130
Tert-amyl-methyl ether	40.5	ug/L	EPA 8260B	10/7/13	94.8	70.0-130
Toluene	40.2	ug/L	EPA 8260B	10/7/13	97.0	70.0-130
Benzene	40.0	ug/L	EPA 8260B	10/8/13	95.2	70.0-130
Diisopropyl ether	39.3	ug/L	EPA 8260B	10/8/13	98.2	70.0-130
Ethyl-tert-butyl ether	40.1	ug/L	EPA 8260B	10/8/13	96.9	70.0-130
Ethylbenzene	40.0	ug/L	EPA 8260B	10/8/13	103	70.0-130
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	10/8/13	92.8	70.0-130
P + M Xylene	40.0	ug/L	EPA 8260B	10/8/13	107	70.0-130
TPH as Gasoline	494	ug/L	EPA 8260B	10/8/13	97.0	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	10/8/13	96.2	70.0-130
Tert-amyl-methyl ether	40.3	ug/L	EPA 8260B	10/8/13	95.2	70.0-130
Toluene	40.0	ug/L	EPA 8260B	10/8/13	97.8	70.0-130
Benzene	39.8	ug/L	EPA 8260B	10/7/13	98.9	70.0-130

QC Report : Laboratory Control Sample (LCS)Project Name : **ALBANY HILL M.M.**Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Diisopropyl ether	39.1	ug/L	EPA 8260B	10/7/13	115	70.0-130
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	10/7/13	104	70.0-130
Ethylbenzene	39.8	ug/L	EPA 8260B	10/7/13	101	70.0-130
Methyl-t-butyl ether	39.7	ug/L	EPA 8260B	10/7/13	103	70.0-130
P + M Xylene	39.8	ug/L	EPA 8260B	10/7/13	98.4	70.0-130
TPH as Gasoline	495	ug/L	EPA 8260B	10/7/13	98.4	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	10/7/13	98.0	70.0-130
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	10/7/13	100	70.0-130
Toluene	39.8	ug/L	EPA 8260B	10/7/13	97.1	70.0-130

Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391
FAX (925) 837-4853

Chain of Custody

SAMPLER (SIGNATURE)

David Allen

PROJECT NAME ALBANY HILL M.M. JOB NO. 3934

ADDRESS 300 SAN PABLO AVE, ALBANY

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015) <u>W/SILICA</u> <u>6 EUCLEAN</u>	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBS (EPA 8082)	ORGANOCHLORINATED PESTICIDES (EPA 8081A)	FUEL OXYGENATES (EPA 8260)	Pb (TOTAL or DISSOLVED) (EPA 6010)	TPH-G, BTEX & 5 OXY's (EPA 8260)	COMPOSITE	EDF	HOLD			
MW-1	9/30/13	1105	W	5		X																01	
MW-2		1028				X																	02
MW-3		1141				X																	03
MW-4		0820				X																	04
MW-5R		0855				X																	05
MW-6		0954				X																	06
MW-7		1244				X																	07
MW-8		1215				X																	08
MW-9		1310				X																	09
MW-10		0923				X																	10

RELINQUISHED BY:
David Allen
(signature) (time)

RECEIVED BY:
[Signature]
(signature) (time)

RELINQUISHED BY:
[Signature]
(signature) (time)

RECEIVED BY LABORATORY
Ron McGee 1141
(signature) (time)

COMMENTS:

DAVID ALLEN
(printed name) (date)

[Printed Name]
(printed name) (date)

[Printed Name]
(printed name) (date)

Ron McGee 100413
(printed name) (date)

TURN AROUND TIME
STANDARD 24Hr 48Hr 72Hr

Company-ASE, INC.

Company-

Company-

Company-
Kitt Analytical

OTHER:

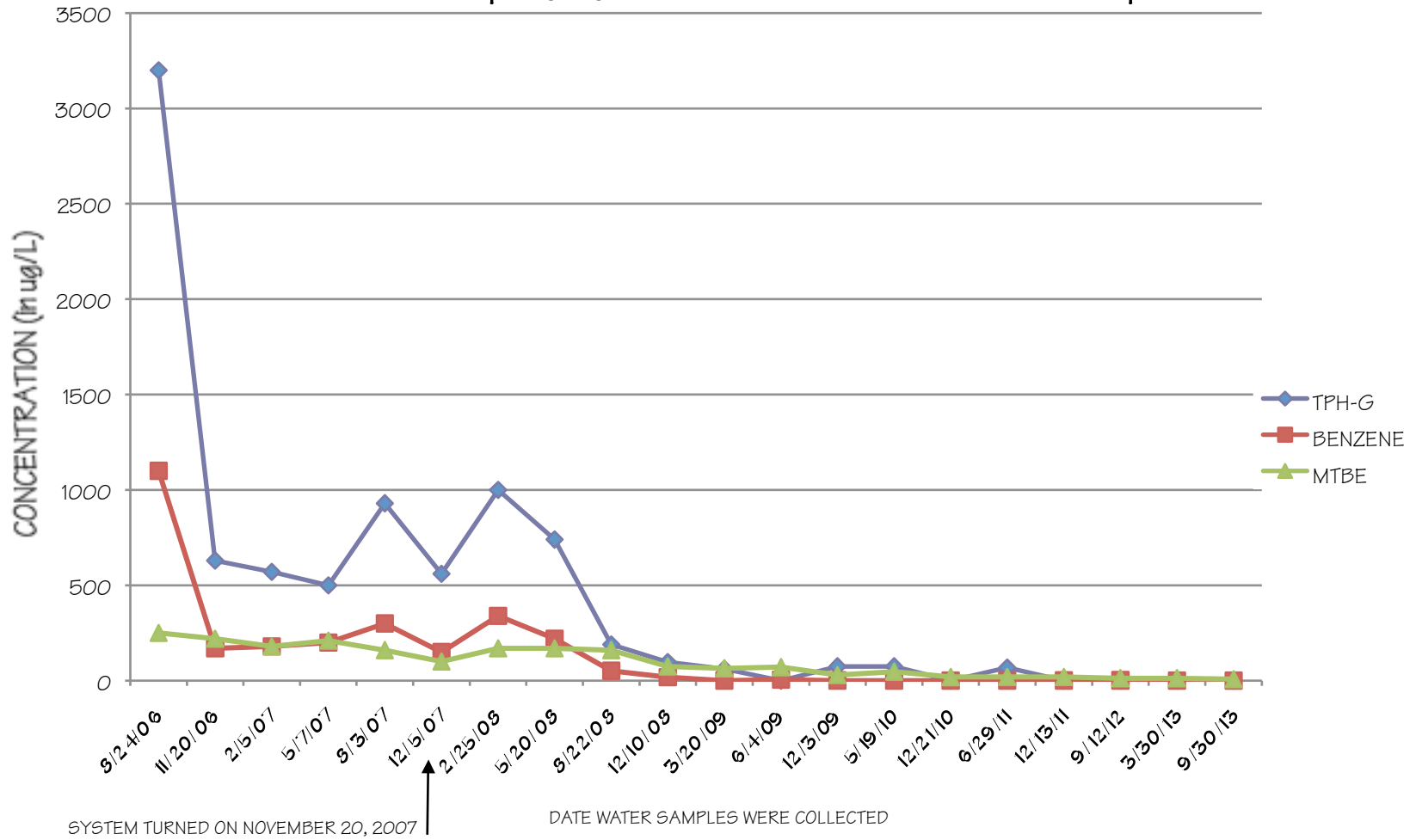


Aqua Science Engineers, Inc. 55 Oak Court, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

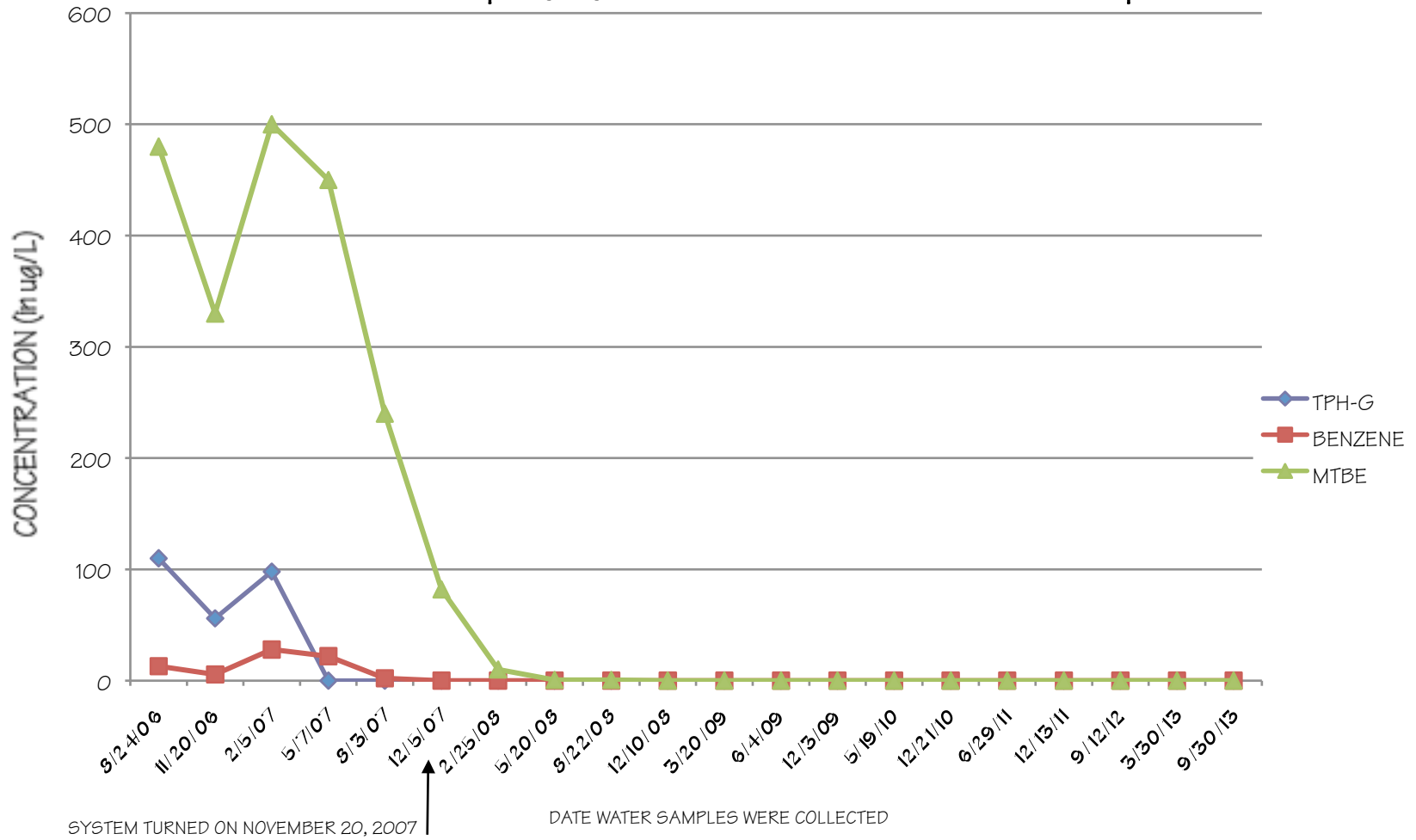
APPENDIX D

Graphs

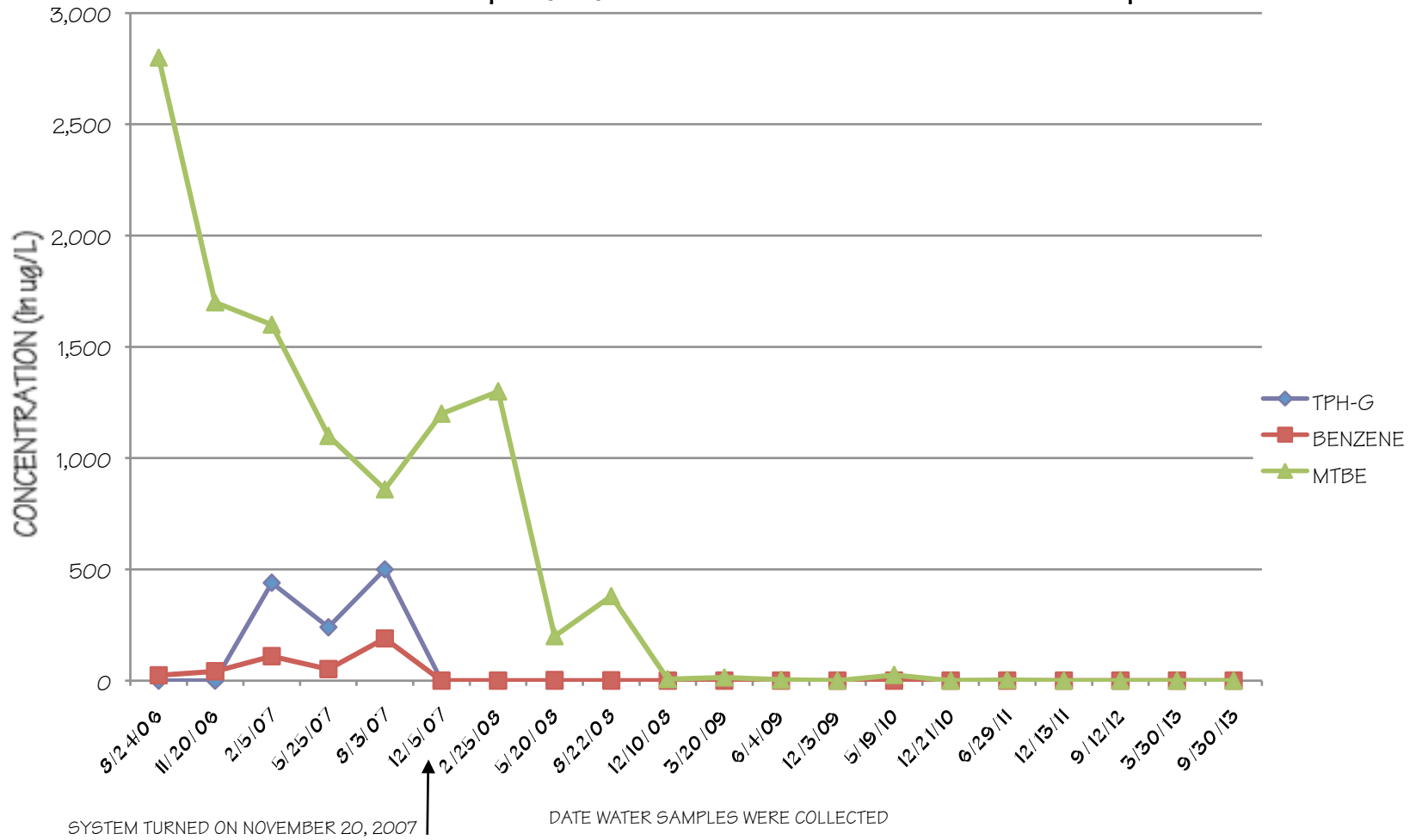
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-1 Since Ozone-Sparging Remediation System Start-Up



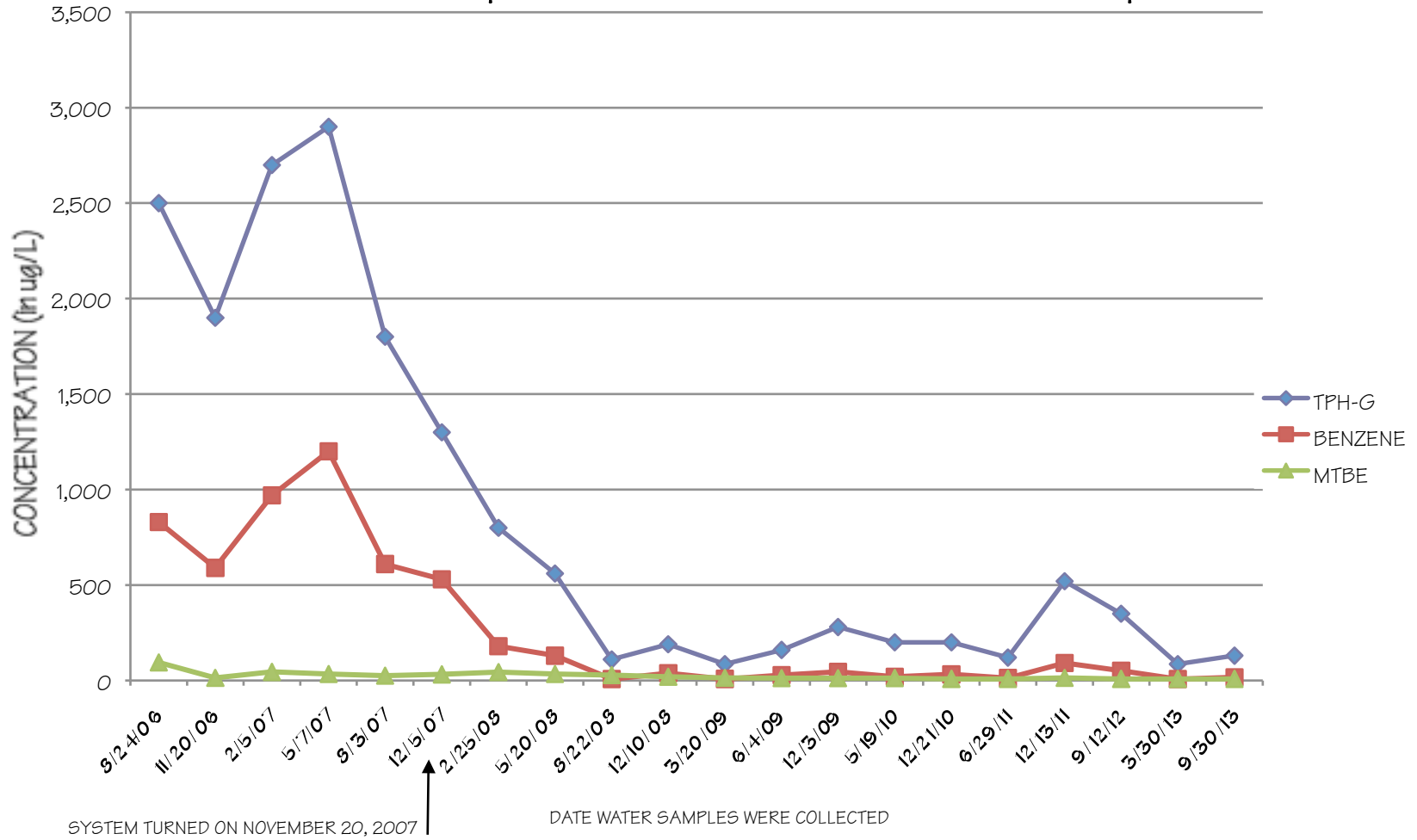
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-2 Since Ozone-Sparging Remediation System Start-Up



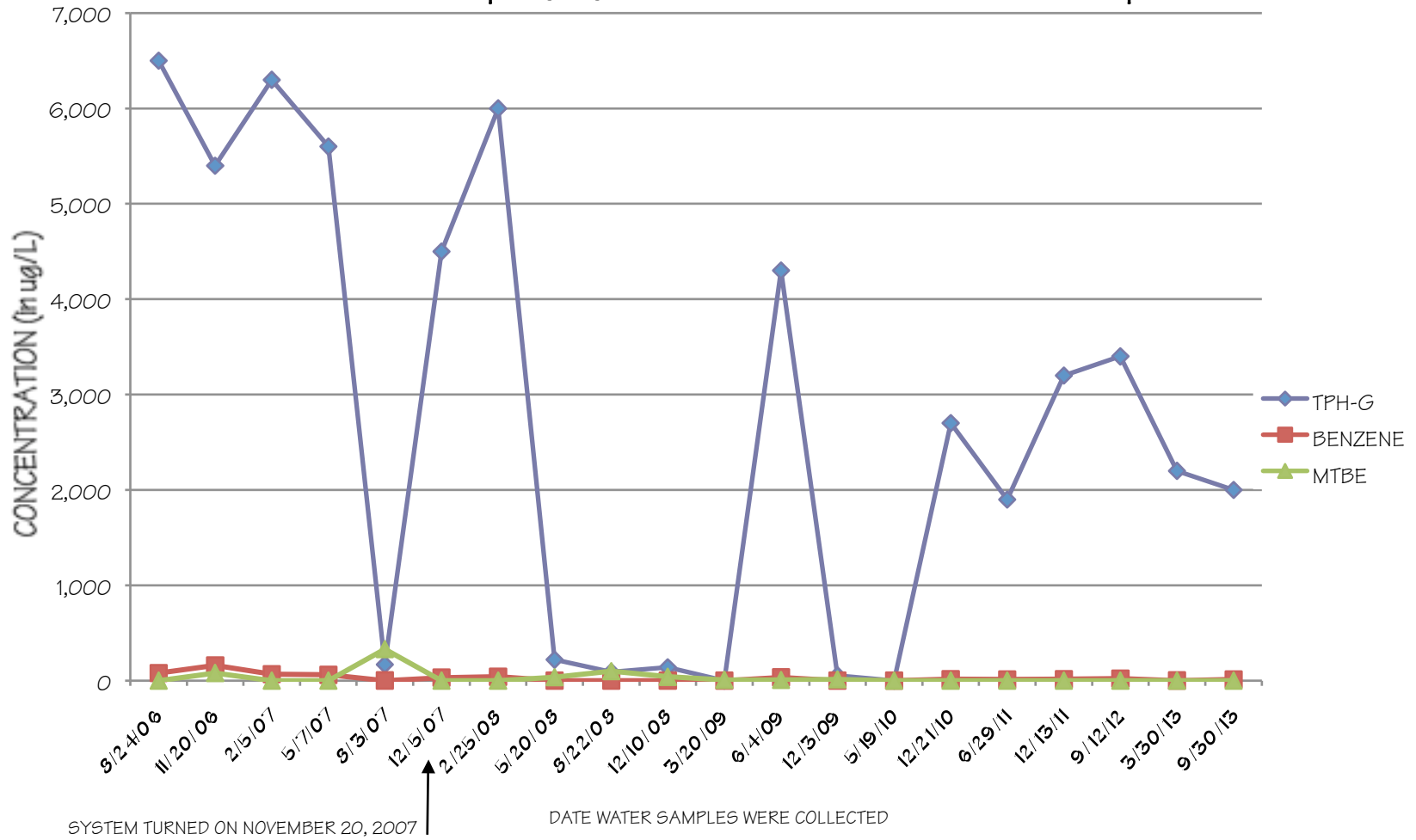
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-3 Since Ozone-Sparging Remediation System Start-Up



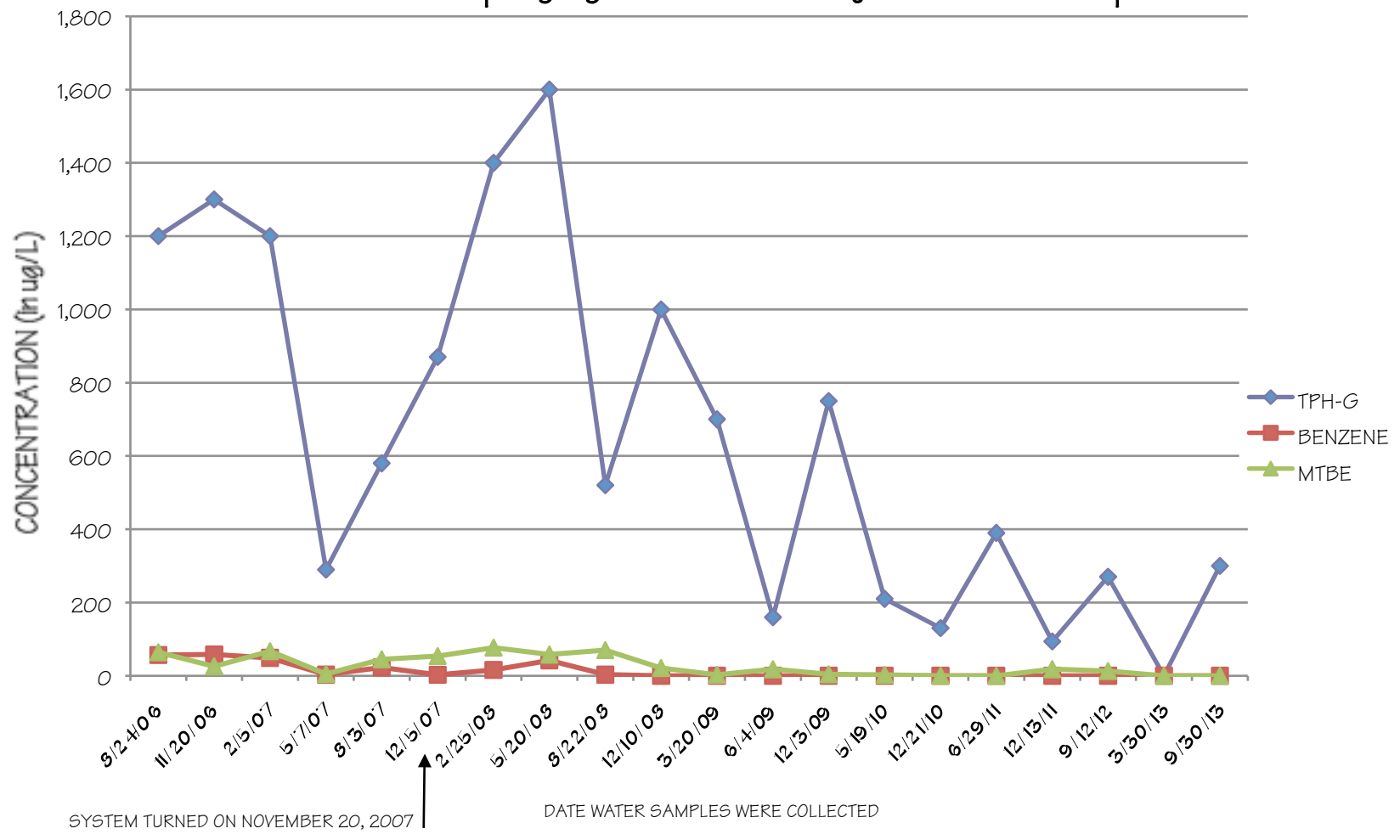
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-4 Since Ozone-Sparging Remediation System Start-Up



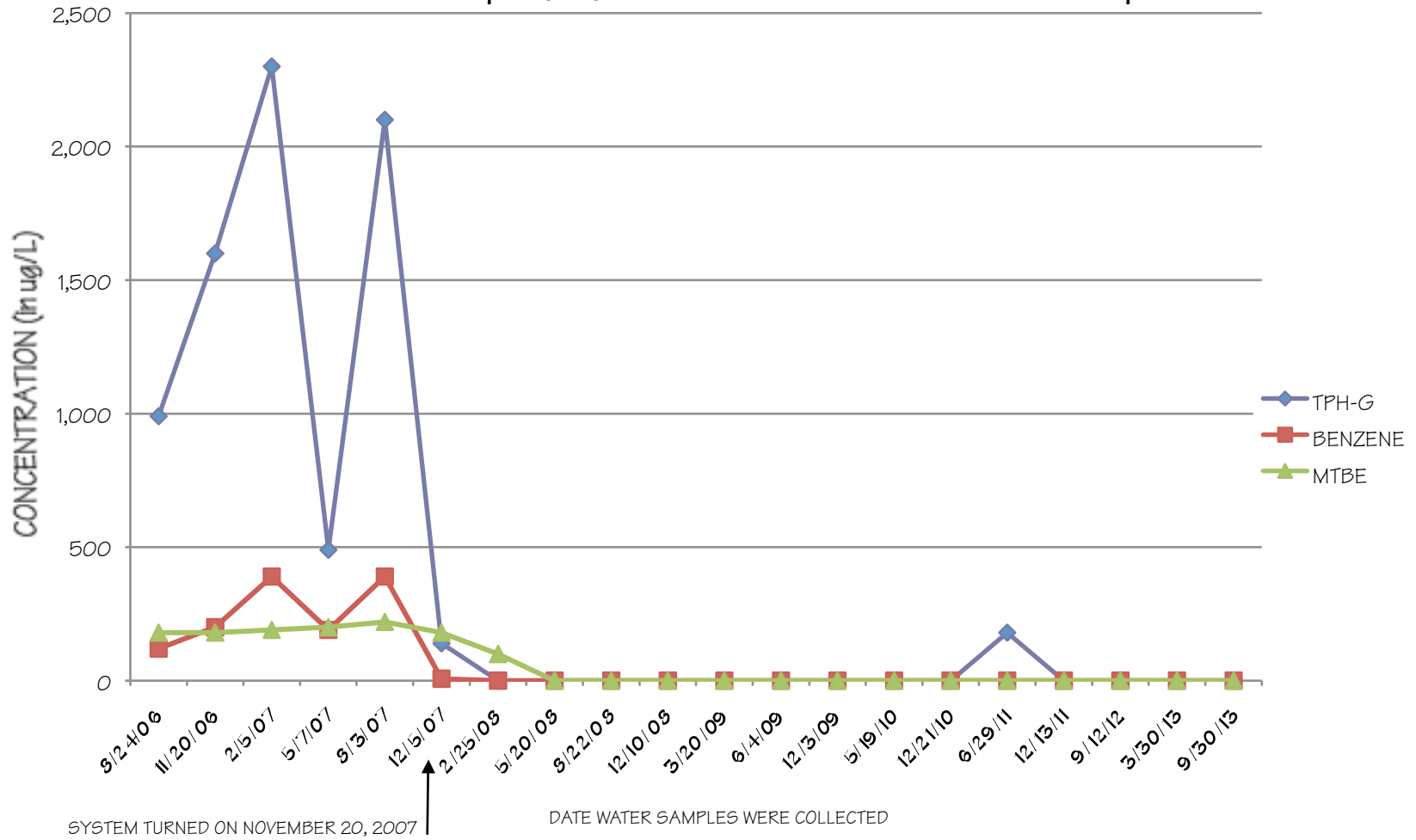
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-5R Since Ozone-Sparging Remediation System Start-Up



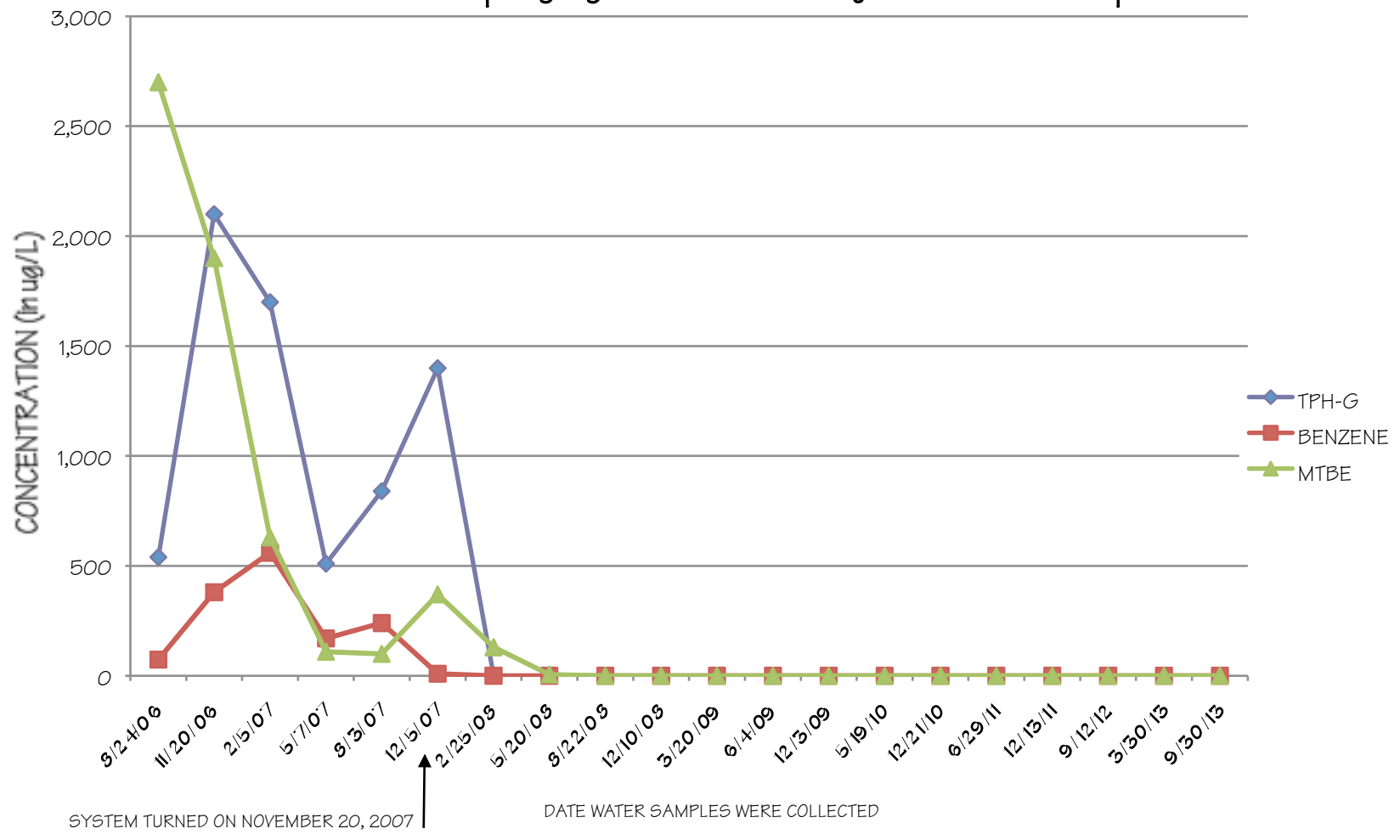
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-6 Since Ozone-Sparging Remediation System Start-Up



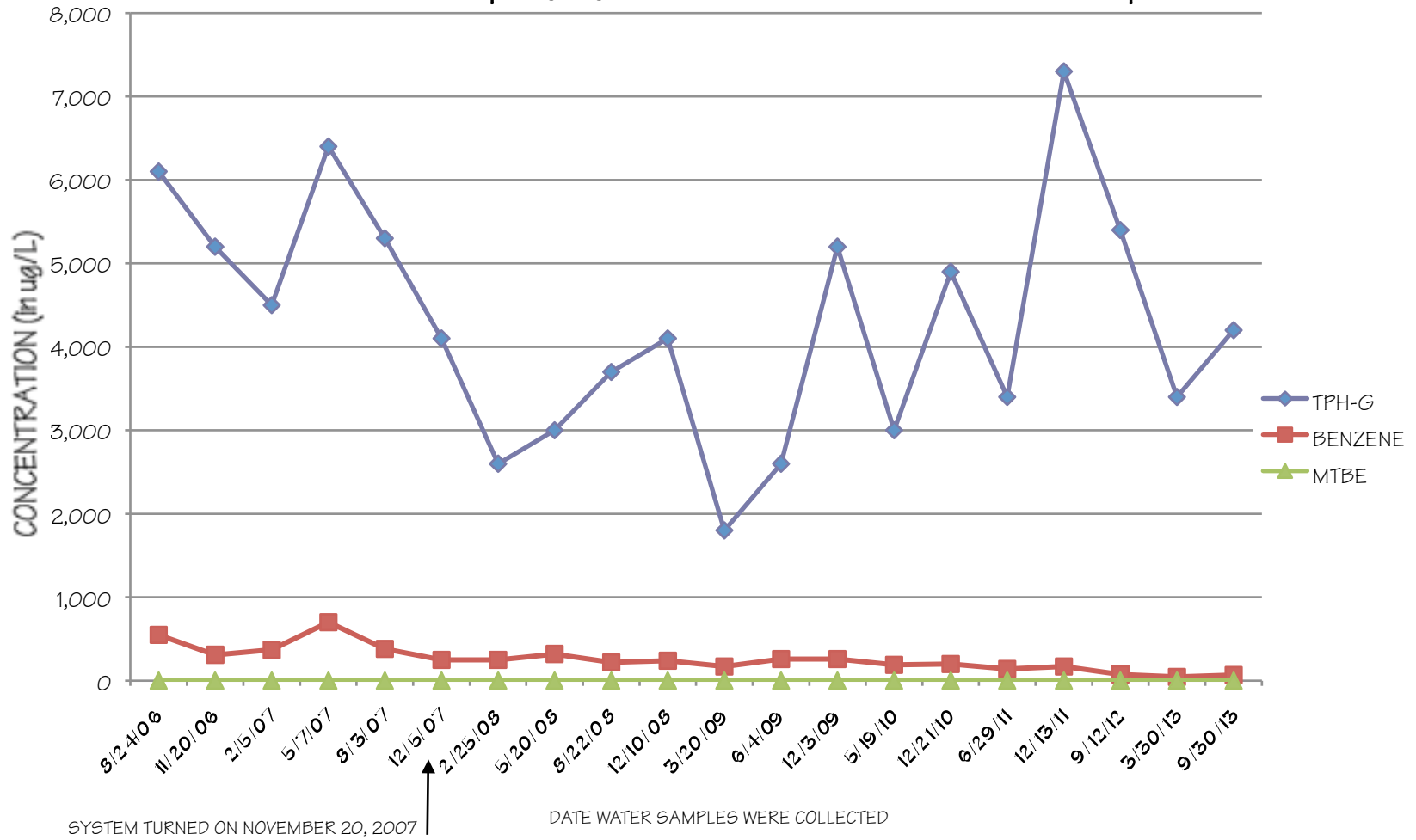
TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-7 Since Ozone-Sparging Remediation System Start-Up



TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-8 Since Ozone-Sparging Remediation System Start-Up



TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-9 Since Ozone-Sparging Remediation System Start-Up



TPH-G, Benzene and MTBE Concentrations in Monitoring Well MW-10 Since Ozone-Sparging Remediation System Start-Up

