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 Avenue

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, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853

March 3, 2016

QUARTERLY GROUNDWATER MONITORING AND SOIL VAPOR SAMPLING REPORT
ASE JOB NO. 3934

at
Albany Hill Mini Mart
800 San Pablo Avenue
Albany, CA 94706

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
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1.0 INTRODUCTION

Site Location (Site), See Figure 1
Albany Hill Mini Mart
800 San Pablo Avenue
Albany, CA 94706

Responsible Party
Jasminder & Sonia Sikand
1066 Rock Harbor Point
Hercules, CA 94547

Environmental Consulting Firm
Aqua Science Engineers, Inc. (ASE)
55 Oak Court, Suite 220
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review
Alameda County Health
Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy, Suite 250
Alameda, CA 94502
Contact: Mark Detterman
(510) 567-6876

The following is a report detailing the results of the February 2016 quarterly groundwater sampling at the Albany Hill Mini Mart property. Also included is a soil vapor sampling for soil vapor wells SVW-4 and SVW-5. An attempt was also made to collect vapor samples from SVW-3; however, SVW-3 contained water so the sampling attempt was unsuccessful.

This sampling was conducted as required by the ACHCSA. The sampling schedule was reverted to a quarterly monitoring schedule at the request of the ACHCSA to monitor for possible rebound from the discontinuation of groundwater remediation, which ceased on March 2, 2015. However, due to the requirement for no rain for 5-days prior to soil vapor sampling, the sampling schedule had to be modified slightly. ASE prepared this report on behalf of Jasminder and Sonia Sikand, the responsible party.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On February 16, 2016, ASE measured the depth to groundwater in all ten site monitoring wells using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No sheen or free-floating hydrocarbons were observed in any of the monitoring wells. Groundwater elevation data is presented in Table One. A groundwater potentiometric surface map is presented as Figure 2. The general groundwater flow direction is toward the east and north. The groundwater flow direction at the site varies significantly from quarter to quarter, and was likely previously effected by the ozone-sparging taking place at the site. Groundwater has risen approximately 3-feet since October 2015.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On February 16, 2016, ASE collected groundwater samples from monitoring wells MW-1, MW-4, MW-5R, MW-6, MW-9 and MW-10. Sampling of monitoring wells MW-2, MW-3, MW-7 and MW-8 have been discontinued as agreed upon with the ACHCSA due to hydrocarbon not being detected in these wells for several years. Prior to sampling, each monitoring well was purged of at least three well casing volumes of groundwater using disposable polyethylene bailers. The parameters pH, temperature and electrical conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Monitoring well MW-9 went dry prior to completion of the purging of three well casing volumes and was allowed to recover for two hours prior to sampling. Groundwater samples were collected from each well using the same polyethylene bailers and were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid. The samples were capped without headspace, labeled, and placed in coolers with wet ice for transport to McCampbell Analytical, Inc. of Pittsburg, California (ELAP #1644) under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A.

The well purge water was placed into a 55-gallon steel drum and labeled for temporary storage until proper disposal could be arranged.

The groundwater samples were analyzed by McCampbell Analytical for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, and total xylenes (collectively known as BTEX), fuel oxygenates including methyl tertiary-butyl ether (MTBE), and naphthalene by EPA Method 8260B. The analytical results for this and previous sampling events are summarized in Table Two. TPH-G, benzene, and MTBE isoconcentration maps are presented as Figures 3, 4, and 5, respectively.

The certified analytical report and chain-of-custody documentation are included as Appendix B.

4.0 SOIL VAPOR SAMPLE COLLECTION AND ANALYSIS

Prior to conducting the project, ASE verified that there was no significant rainfall (no more than ¼-inch) for 5 days prior to the soil vapor sampling. There were no nearby irrigation systems.

On February 16, 2016, ASE collected soil vapor samples from soil vapor monitoring wells SVW-4 and SVW-5 (Figure 6).

Prior to sampling, a "vacuum shut in test" was conducted to verify there were no leaks in the sample train system. A minimum vacuum of 100-inches of water column was applied to the sampling manifold and valve system between the Summa canister and the probe for at least 5 minutes with all valves closed. A vacuum of 100-inches of water was maintained during the test for both points.

For the sampling, the vapor monitoring well and Summa canister were placed in a plastic shroud with glove entry. Helium was then added to the shroud as a tracer gas at a minimum concentration between 20 to 25% by volume, which was monitored by a helium detector. The tubing was then purged of at least three volumes to insure that all ambient air was removed from the tubing using a 5-liter Summa canister. The sample was then collected in a 1-liter Summa canister. The sample was labeled with the site location, sample designation, date and time the samples are collected, and the initials of the person collecting the sample. The samples were delivered under chain of custody to a CAL-EPA certified analytical laboratory for analysis.

It should be noted that all of the Summa canisters were very slow filling due to tight soil conditions, and neither Summa canister filled despite being open at least 1.5 hours. Negative pressure in the Summa canister for SVW-4 only went from -30 to -23.5-inches of Hg in 100 minutes. Negative pressure in the Summa canister for SVW-5 only went from -30 to -22-inches of Hg in 90 minutes. Since the flow rate was so slow, it was not possible to collect the desired sample in the TO-17 cartridge for analysis since TO-17 canisters require a steady flow of vapor through relatively high permeability soil.

The vapor samples were analyzed by McCampbell Analytical of Pittsburg, California (ELAP certification 1644) for TPH-G, BTEX, five fuel oxygenates, and naphthalene by EPA Method TO-15 and oxygen and helium by ASTM D1946. The analytical results are tabulated in Table Three, and the certified analytical report and chain of custody form are included in Appendix C. Helium, used as a leak check gas, was not detected in either sample indicating that the sample train was leak free and the results considered valid.

An attempt was made to collect soil vapor samples from SVW-3 on February 17, 2016. During the initial attempt, the pressure in the Summa canister only dropped from -30 to -29 in a 2.5-hour period. During this period the down well pressure was near zero, which suggested a problem with the manifold, since the Summa canister should fill if there was no resistance from the well. A new manifold was obtained from the laboratory and a second attempt was made with similar results. It was later determined that the manifold was flooded with water, indicating that water levels rose in this location and that the sampling point was below the water-table. For this reason, it was not possible to collect a soil vapor sample from SVW-3 this quarter.

5.0 RESULTS AND CONCLUSIONS

5.1 Groundwater

- In groundwater samples collected from monitoring well MW-1, benzene was detected at a concentration of 0.66 parts per billion (ppb) and MTBE was detected at 3.7 ppb. No other hydrocarbons were detected. Overall, there has been a significant long-term decreasing trend of hydrocarbon concentrations in this well.

- Groundwater samples collected from monitoring well MW-4 contained 63 ppb TPH-G, 3.0 ppb benzene, and 3.8 ppb MTBE. The hydrocarbon concentrations are near historic lows, and there has been a significant long-term decreasing trend in hydrocarbon concentrations from this well.

- Groundwater samples collected from monitoring well MW-5R contained 1,800 ppb TPH-G, 2.7 ppb benzene, 0.68 ppb toluene, 3.9 ppb ethyl benzene, and 1.1 ppb total xylenes. These results show an increase in concentrations from the previous quarter, and there is a long-term decreasing trend in hydrocarbon concentrations from this well. Hydrocarbons in this well are likely related to an off-site former underground storage tank and not from an on-site source.

- The TPH-G concentration in groundwater samples collected from monitoring well MW-6 this quarter was 1,000 ppb, which is similar to the concentration last quarter. No BTEX has been detected in this well since 2009. No oxygenates or naphthalene were detected in groundwater samples collected from monitoring well MW-6 during this sampling period. There has been a long-term decreasing trend in hydrocarbon concentrations from this well, other than sporadic TPH-G and MTBE concentrations being detected.

- Groundwater samples collected from monitoring well MW-9 contained 670 ppb TPH-G, 27 ppb benzene, 0.61 ppb toluene, 28 ppb ethyl benzene, 19 ppb total xylenes, and 19 ppb naphthalene. These results show a decrease in TPH-G, ethyl benzene, and total xylene concentrations from the previous sampling event to historic low concentrations, and a very slight increase in benzene and naphthalene concentrations (although still historically the second lowest concentrations detected). There has been a long-term decreasing trend in hydrocarbon concentrations in this well, with the TPH-G, toluene, ethyl benzene, and xylenes at historic lows.

- The only compounds detected in groundwater samples collected from monitoring well MW-10 during this sampling period were 230 ppb TPH-G. These concentrations are very similar to the previous sampling event.

Concentrations exceeding Environmental Screening Levels (ESLs) established by the California Regional Water Quality Control Board, San Francisco Bay Region in their "Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater" document dated December 2013 for sites where groundwater is a current or potential source of drinking water:

- In MW-1, no concentrations exceeded ESLs.
- In MW-4, benzene concentrations barely exceeded ESLs.
- In MW-5R, the TPH-G and benzene concentrations exceeded the ESLs.
- In MW-6, the TPH-G concentration exceeded the ESL.
- In MW-9, TPH-G, benzene, ethyl benzene, and naphthalene concentrations exceeded ESLs.
- In MW-10, the TPH-G concentration exceeded the ESL.

5.2 Soil Vapor

- The soil vapor sample collected from SVW-4 contained 3,000 ug/m3 TPH-G, 20 ug/m3 benzene, 8.3 ug/m3 toluene, and 19 ug/m3 total xylenes. These concentrations are approximately an order of magnitude less than what was detected in the previous sampling in June 2015. None of the concentrations detected exceeded either residential or commercial ESLs.

- The soil vapor sample collected from SVW-5 contained 320,000 ug/m3 TPH-G, 7,700 ug/m3 benzene, 170 ug/m3 toluene, 1,600 ug/m3 ethyl benzene, and 180 ug/m3 total xylenes. These concentrations decreased approximately an order of magnitude from the previous sampling in October 2015. Only the benzene concentration exceeded a commercial ESL. These results are only relevant to the basement beneath the adjacent Mallard Club, as the results from SVW-4, which was collected from 5-feet bgs, is more relevant to the first story of the building. The adjacent building is approximately 12-feet from this boring. Closer borings are not possible due to the numerous underground utility lines in the sidewalk.

The oxygen content in both of these samples were below 4%, so no comparison could be made this quarter to the Low-Risk Soil Gas Criteria outlined in Appendix 4, Scenario 4 – Direct Measurement of Soil Gas Concentrations with Bioattenuation zone from the State Water Resources Control Board, Low-Threat Underground Storage Tank Case Closure Policy, 2012.

6.0 RECOMMENDATIONS

ASE recommends the following:

- ASE recommends one final quarterly groundwater monitoring event, followed by either reverting the site to a semi-annual sampling schedule or closing the case if appropriate.

- ASE recommends a 24-hour indoor air sampling from within the basement of the Mallard Club.

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

7.0 REPORT LIMITATIONS

The results presented in this report represent the conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Robert E. Kitay, P.G.
Senior Geologist

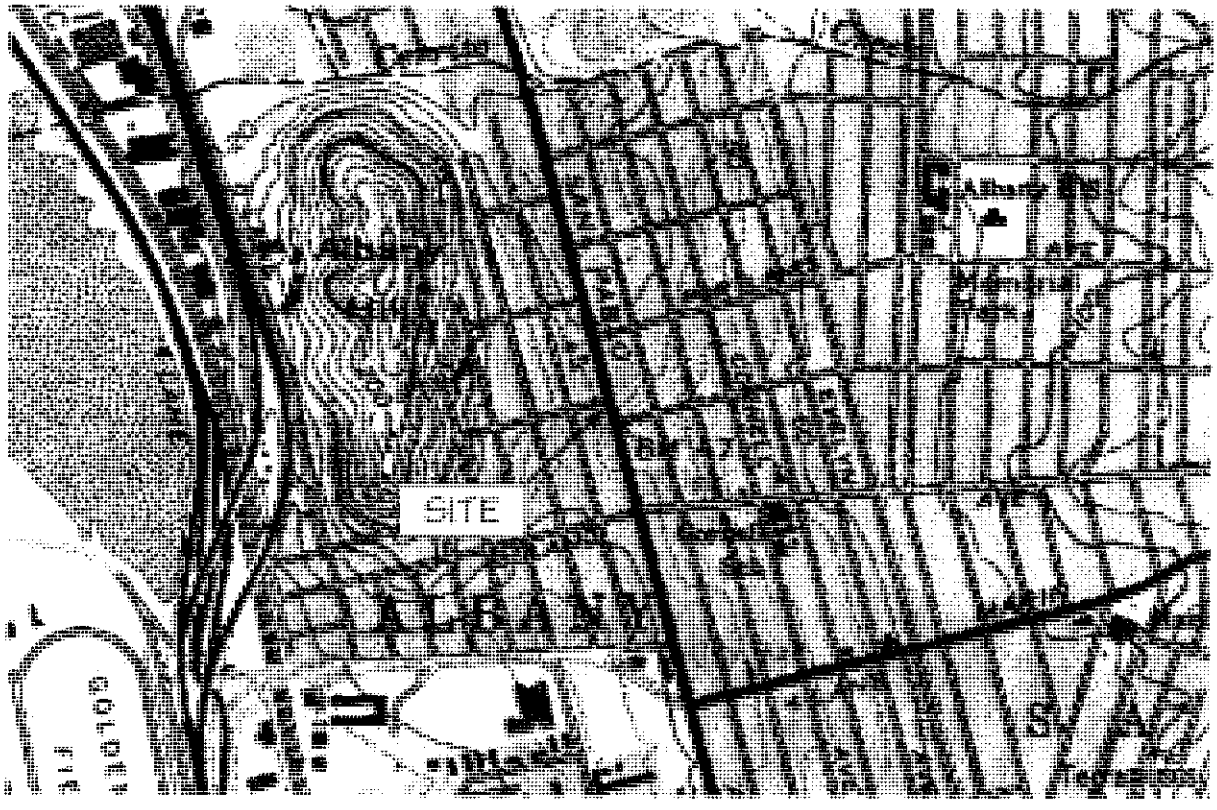
Attachments: Figures 1 through 6
Tables One through Three
Appendices A through C

cc: Mr. Mark Detterman, ACHCSA via upload to ACHCSA database
RWQCB via Geotracker

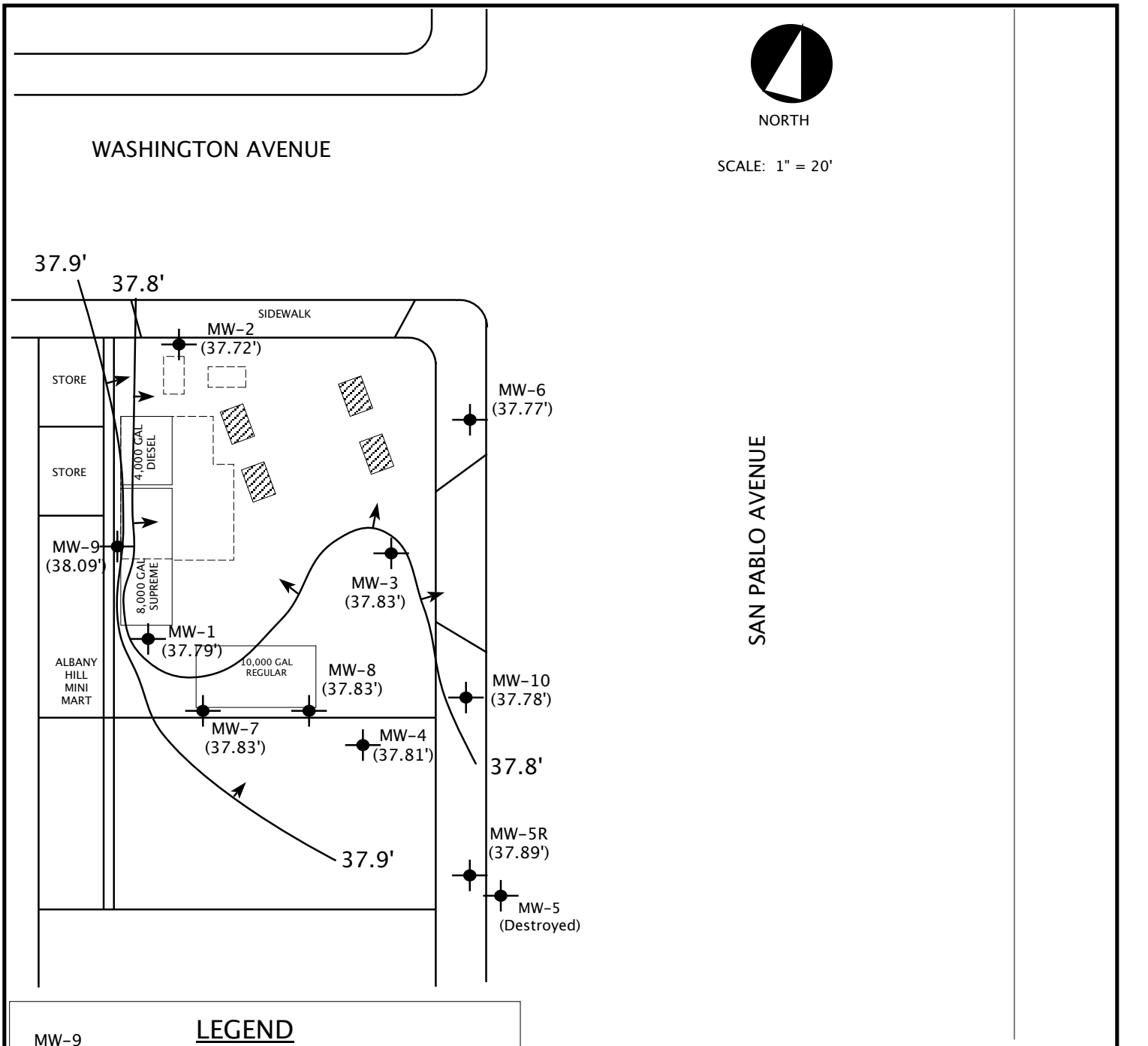
Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853

FIGURES

NORTH



LOCATION MAP	
ALBANY HILL MINI MART 800 SAN PABLO AVENUE ALBANY, CALIFORNIA	
AQUA SCIENCE ENGINEERS, INC.	Figure 1



LEGEND

MW-9 (39.09') — MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET

GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION

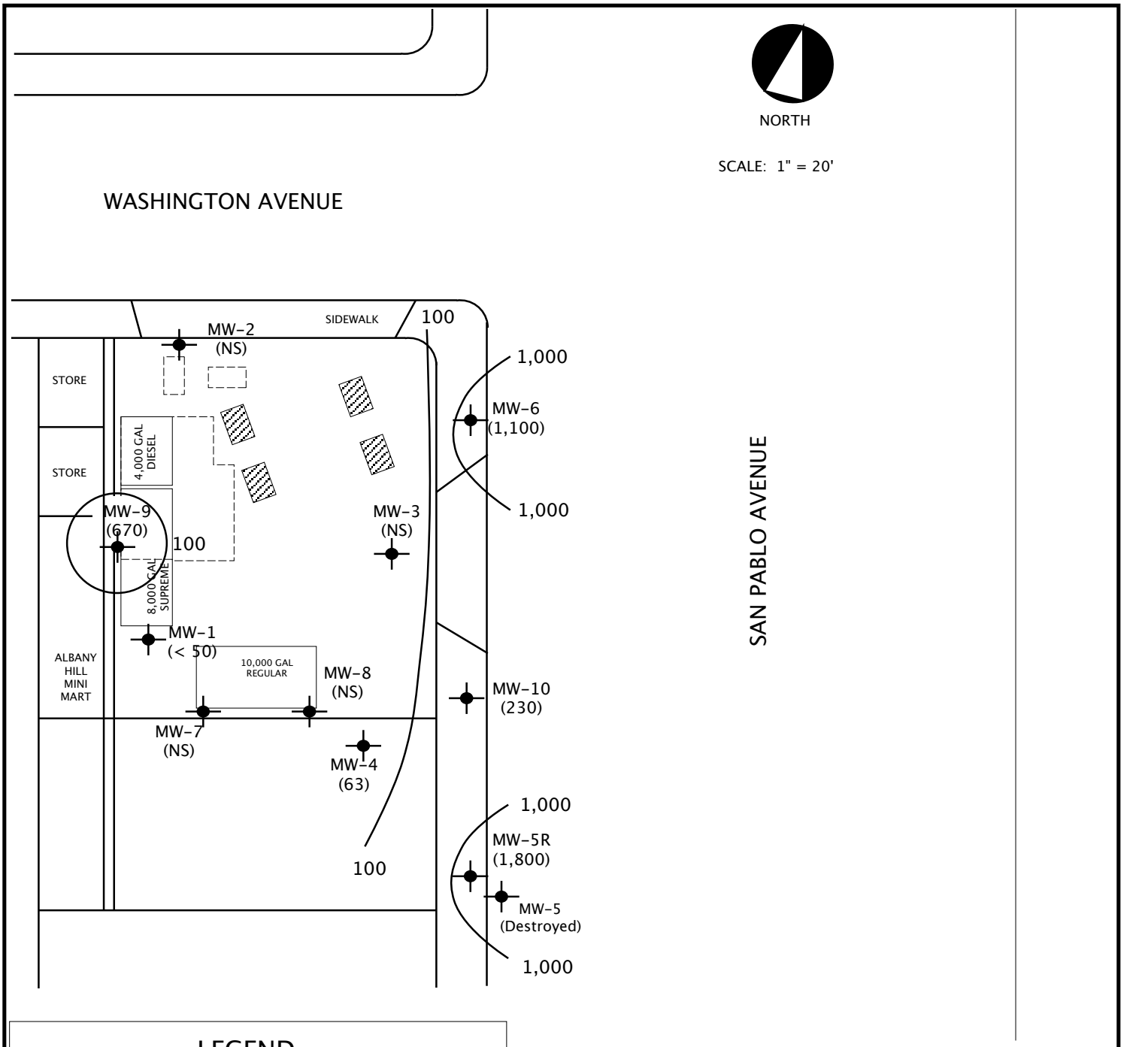
* ANOMALOUS GROUNDWATER ELEVATION: NOT USED FOR CONTOURING

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

POTENTIOMETRIC SURFACE CONTOUR MAP
FEBRUARY 16, 2016

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

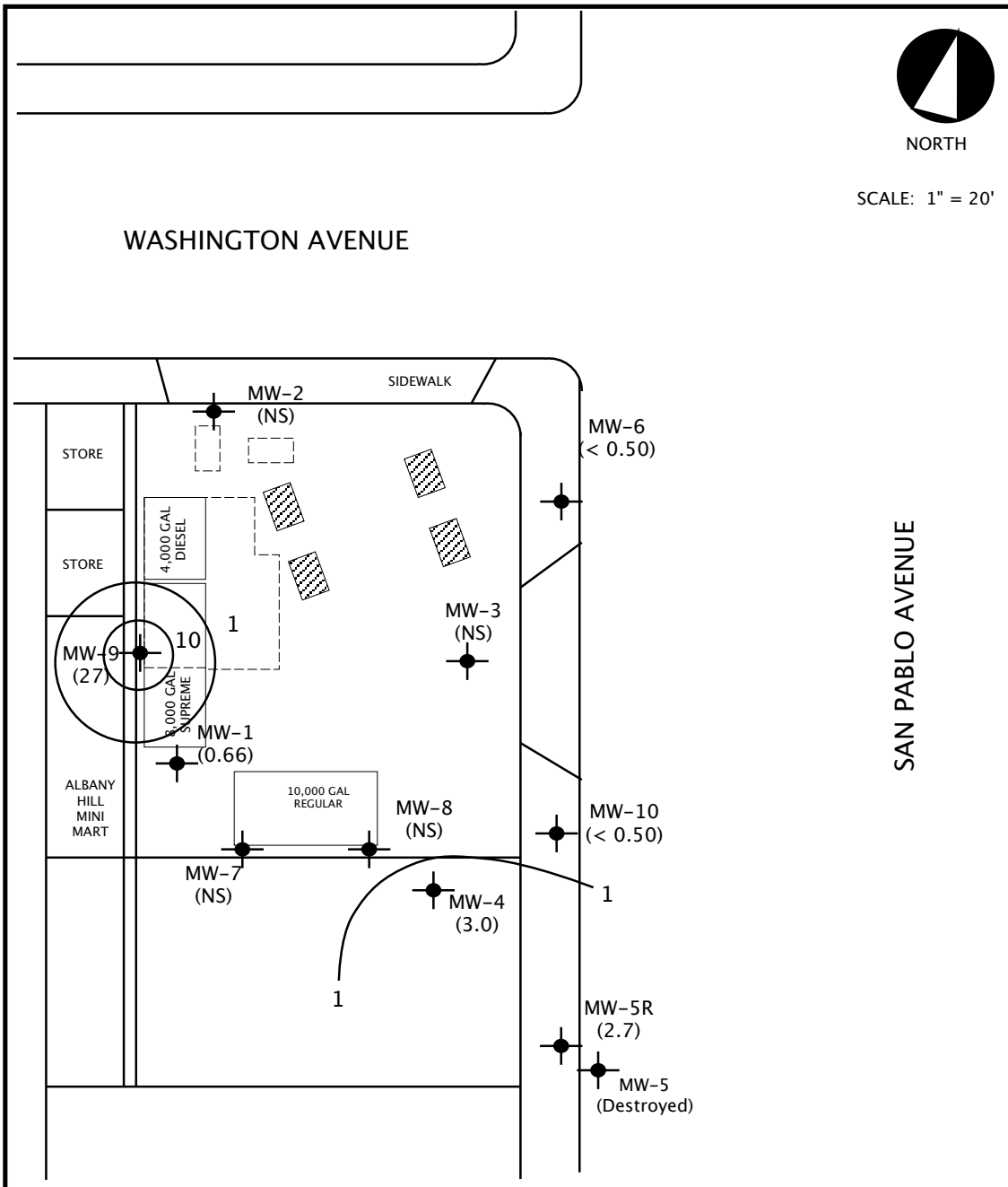
AQUA SCIENCE ENGINEERS | Figure 2



TPH-G CONCENTRATION
CONTOUR MAP
FEBRUARY 16, 2016

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 3



LEGEND

MW-9 (27) — MONITORING WELL WITH BENZENE CONCENTRATION IN PPB

BENZENE CONCENTRATION CONTOUR LINE

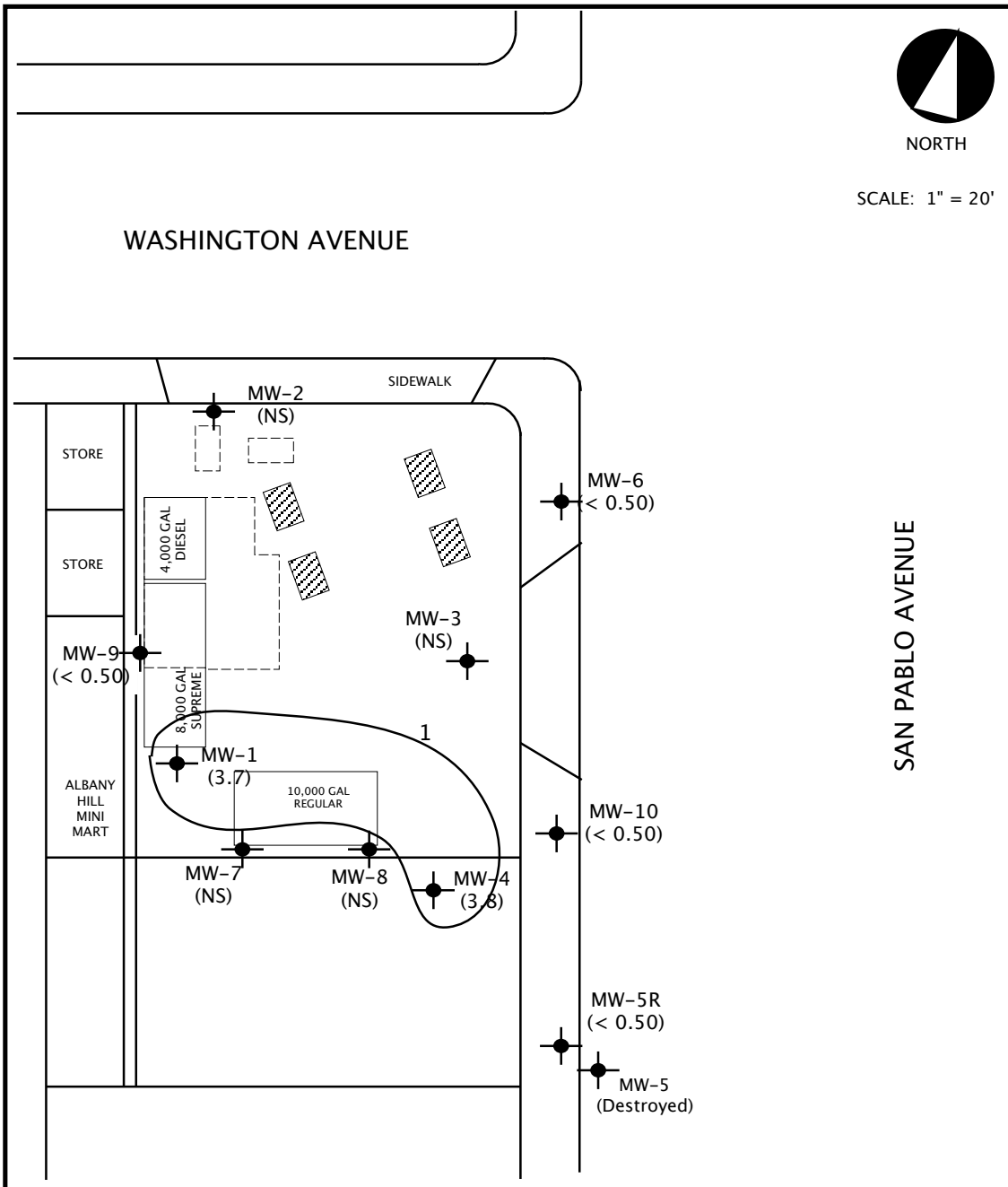
(NS) — NOT SAMPLED

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

BENZENE CONCENTRATION CONTOUR MAP
FEBRUARY 16, 2016

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 4



LEGEND

MW-9 (< 0.5) — MONITORING WELL WITH MTBE CONCENTRATION IN PPB

MTBE CONCENTRATION CONTOUR LINE

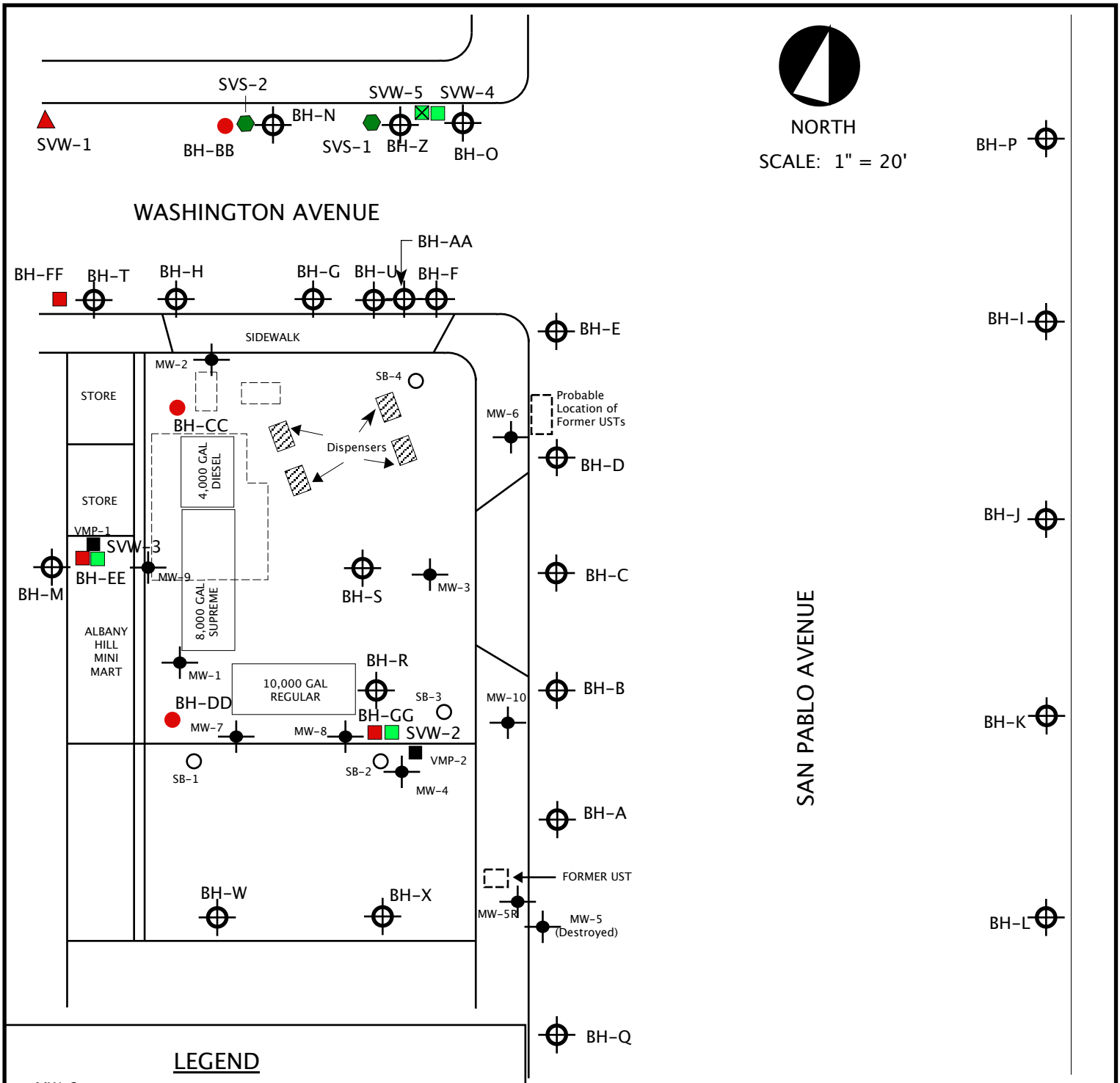
(NS) NOT SAMPLED

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

MTBE CONCENTRATION CONTOUR MAP
FEBRUARY 16, 2016

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 5



LEGEND

- MW-2 — MONITORING WELL
- SB-2 — AARS SOIL BORING
- BH-A — ASE ADVANCED SOIL BORING
- SOIL VAPOR SURVEY LOCATION
- SOIL VAPOR MONITORING WELL (2/14)
- SOIL BORING/ATTEMPTED VAPOR SAMPLE (2/14)
- SOIL BORING (2/14)
- SOIL VAPOR MONITORING WELL - 5-FEET (6/15)
- SOIL VAPOR MONITORING WELL - 10-FEET (6/15)

SOIL VAPOR WELL LOCATION MAP

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | 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
	3/31/14		10.81	38.01
	12/18/14		10.61	38.21
	3/31/15		12.35	36.47
	6/30/15		12.98	35.84
	10/7/15		14.05	34.77
	2/16/16		**11.03**	**37.79**

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
	3/31/14		9.73	37.98
	12/18/14		9.25	38.46
	3/31/15		11.35	36.36
	6/30/15		11.98	35.73
	10/7/15		13.01	34.70
	2/16/16		**9.99**	**37.72**

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
	3/31/14		9.22	38.27
	12/18/14		9.41	38.08
	3/31/15		11.02	36.47
	6/30/15		11.66	35.83
	10/7/15		12.69	34.80
	2/16/16		**9.66**	**37.83**

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
	3/31/14		9.65	37.96
	12/18/14		Not accessible	
	3/31/15		11.29	36.32
	6/30/15		11.74	35.87
	10/7/15		12.77	34.84
	2/16/16		**9.80**	**37.81**

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
	3/31/14		9.16	38.20
	12/18/14		8.85	38.51
	3/31/15		10.80	36.56
	6/30/15		11.44	35.92
	10/7/15		12.49	34.87
	2/16/16		**9.47**	**37.89**

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
	3/31/14		6.31	39.96
	12/18/14		6.31	39.96
	3/31/15		9.81	36.46
	6/30/15		10.45	35.82
	10/7/15		11.48	34.79
	2/16/16		**8.50**	**37.77**

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
	3/31/14		10.39	37.97
	12/18/14		11.05	37.31
	3/31/15		11.85	36.51
	6/30/15		12.49	35.87
	10/7/15		13.55	34.81
	2/16/16		**10.53**	**37.83**

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	45.59	9.98	35.61
	9/10/04		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
	3/31/14		10.01	37.98
	12/18/14		11.00	36.99
	3/31/15		11.50	36.49
	6/30/15		12.12	35.87
	10/7/15		13.17	34.82
	2/16/16		**10.16**	**37.83**

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
	3/31/14		11.80	37.44
	12/18/14		11.74	37.50
	3/31/15		12.42	36.82
	6/30/15		13.27	35.97
	10/7/15		14.32	34.92
	2/16/16		**11.15**	**38.09**

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
	3/31/14		8.82	38.08
	12/18/14		8.71	38.19
	3/31/15		10.41	36.49
	6/30/15		11.03	35.87
	10/7/15		12.06	34.84
	2/16/16		**9.12**	**37.78**

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
	3/31/14	< 50	---	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	5.8	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	3.4	< 0.50
	3/31/15	< 50	---	0.77	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	4.8	< 0.50
	6/30/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.2	< 0.50
	10/7/15	< 50	84	1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.7	< 0.50
	2/16/16	**< 50**	**---**	**0.66**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 2.0**	**3.7**	**< 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
	3/31/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	6/30/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	10/7/15	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	2/16/16	**No Longer Sampled**									

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	7.7	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
	3/31/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	6/30/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	10/7/15	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	2/16/16	**No Longer Sampled**									

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
	3/31/14	53	---	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.55	< 0.50
	12/18/14	Not Sampled - Car Parked Over Well									
	3/31/15	170	---	25	< 1.2	< 1.2	< 1.2	< 1.2	< 5.0	5.8	< 1.2
	6/30/15	200	---	28	< 0.50	< 0.50	< 0.50	< 0.50	2.2	7.7	0.53 DIPE
	10/7/15	110	< 50	2.9	< 0.50	< 0.50	< 0.50	< 0.50	2.5	7.3	< 0.50
	2/16/16	**63**	**---**	**3.0**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 2.0**	**3.8**	**< 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-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
	3/31/14	3,200	---	22	1.4	12	1.2	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	3,000	---	19	1.5	18	1.3	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	1,900	---	10	0.86	2.1	1.0	< 0.50	< 2.0	< 0.50	< 0.50
	6/30/15	1,800	---	1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	10/7/15	290	51	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	2/16/16	**1,800**	**---**	**2.7**	**0.68**	**3.9**	**1.1**	**< 0.50**	**< 2.0**	**< 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
	3/31/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	5.8	< 0.50
	6/30/15	330	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.2	< 0.50
	10/7/15	1,400	560*	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	11	< 0.50
	2/16/16	**1,100**	**---**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 2.0**	**< 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.	Inaccessable				
	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	9.3	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
	3/31/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	6/30/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	10/7/15	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	2/16/16					**No Longer Sampled**					

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					Not sampled.	Inaccessable				
	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
	3/31/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	6/30/15	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	10/7/15	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50	< 0.50
	2/16/16					**No Longer Sampled**					

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
	3/31/14	3,700	---	63	8.0	140	480	< 0.50	< 5.0	< 0.50	< 0.50
	12/18/14	3,100	---	45	6.3	120	420	< 0.50	< 5.0	< 0.50	< 0.50
	3/31/15	970	---	36	3.0	67	270	< 0.50	< 5.0	< 0.50	47 Naphthalene
	6/30/15	1,500	---	41	< 5.0	110	160	< 0.50	< 5.0	< 0.50	33 Naphthalene
	10/7/15	1,100	160*	17	< 2.5	78	43	< 2.5	< 10	< 2.5	17 Naphthalene
	2/16/16	**670**	**---**	**27**	**0.61**	**28**	**19**	**< 0.5**	**< 2.0**	**< 0.5**	**19 Naphthalene**

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.	Inaccessable				
	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	< 5.0	1.4	< 0.50
	3/31/14	120	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	1.5	< 0.50
	12/18/14	280	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.2	< 0.50
	3/31/15	130	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.5	< 0.50
	6/30/15	150	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	2.1	< 0.50
	10/7/15	270	< 100	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	1.3	< 0.50
	2/16/16	**230**	**---**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 2.0**	**< 0.50**	**< 0.50**
ESL		100	100	1.0	40	13	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 level established 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 (February 2016).

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.

TABLE THREE

Summary of Analytical Results of Soil Vapor Samples
Petroleum Hydrocarbons, Atmospheric Gases and Helium
Albany Hill Mini Mart, 800 San Pablo Avenue, Albany, California

Sample Location	Sample Depth (ft)	Date Sampled	TPH Gasoline (ug/m3)	Benzene (ug/m3)	Toluene (ug/m3)	Ethyl Benzene (ug/m3)	m,p-Xylenes (ug/m3)	o' Xylenes (ug/m3)	Total Xylenes (ug/m3)	Naphthalene (ug/m3)	TBA (ug/m3)	Oxygen (%)	Nitrogen (%)	Carbon Dioxide (%)	Methane (%)	Helium (%)
SVS-1	5	8/2/12	**24,000**	**12**	**86**	< 8.7	**28**	**9.4**	---	---	---	**16**	**84**	**0.42**	**0.0037**	< 0.34
SVS-2	5	8/2/12	**1,100,000**	**440**	**55**	< 37	< 37	< 37	---	---	---	**18**	**81**	**0.24**	**0.51**	< 0.086
VMP-1	1.5	8/2/12	**970**	< 2.7	< 3.2	< 3.6	< 3.6	< 3.6	---	---	---	**21**	**79**	**0.14**	< 0.00029	< 0.15
VMP-2	1.5	8/2/12	**950**	< 2.5	< 2.9	< 3.4	< 3.4	< 3.4	---	---	---	**16**	**79**	**5.0**	< 0.00026	< 0.13
SVW-1	5	2/25/14	**11,000**	**20**	**120**	**20**	**71**	**20**	---	< 10		**20**	**80**	**0.42**	**0.036**	< 0.12
	5	7/1/15	Laboratory issue resulted in this sample being considered invalid													
	5	10/7/15	**1,300**	**4.1**	**12**	< 2.8	---	---	**13**	**9.2**	< 39	**10**	---	**3.6**	**0.0015**	< 0.063
SVW-2	5	6/30/15	**8,500**	**74**	**180**	**60**	---	---	**170**	< 7.0	< 41	**40**	---	**0.11**	**0.00049**	**0.060**
SVW-3	5	6/30/15	**3,100**	**27**	**120**	**35**	---	---	**190**	< 5.3	**43**	**15**	---	**0.080**	**0.00022**	**1.7**
SVW-4	5	6/30/15	**11,000**	**17**	**41**	**49**	---	---	**390**	< 11	< 62	**30**	---	**0.52**	**0.011**	< 0.050
	5	2/16/16	**3,000**	**20**	**8.3**	< 4.9	---	---	**19**	< 12	---	**1.5**	---	---	---	< 0.11
SVW-5	10	6/30/15	**190,000**	**12,000**	**210**	**320**	---	---	**< 150**	< 120	< 720	**35**	---	**0.15**	**0.0053**	< 0.050
	10	10/7/15	**4,700,000**	**20,000**	**< 1,700**	**10,000**	---	---	**< 1700**	< 1700	< 17,000	**3.8**	---	**3.1**	**0.074**	< 1.7
	10	2/16/16	**320,000**	**7,700**	**170**	**1,600**	---	---	**180**	< 110	---	**0.81**	---	---	---	< 0.10
ESL (Residential)			300,000	48	160,000	560	52,000	52,000	52,000	41	NE	NE	NE	NE	NE	NE
ESL (Commercial)			2,500,000	420	1,300,000	4,900	440,000	440,000	440,000	360	NE	NE	NE	NE	NE	NE
Low-Risk Soil Gas Criteria (With bioattenuation zonel)																
Residential			NE	85,000	NE	280,000	NE	NE	NE	93,000	NE	NE	NE	NE	NE	NE
Commercial			NE	280,000	NE	3,600,000	NE	NE	NE	310,000	NE	NE	NE	NE	NE	NE

Notes:

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

Detectable concentrations in **BOLD**

ESL = Environmental Screening Level established by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) dated February 2016.

Low-Risk Soil Gas Criteria is from Appendix 4, Scenario 4 - Direct Measurement of Soil Gas Concentrations with Bioattenuation zone from the State Water Resources Control Board, Low-Threat Underground Storage Tank Case Closure Policy, 2012.

NE = Not established

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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-16-16

WELL ID. MW-1 SAMPLER RK

TOTAL DEPTH OF WELL 24.2 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 11.03 TIME OF MEASUREMENT

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 13.17

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 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1430 TIME EVACUATION COMPLETED 1450

TIME SAMPLES WERE COLLECTED 1450

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.6 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR clear ODOR/SEDIMENT None / None

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.0°C	6.7	1230 us/cm
2	18.1	6.8	1230
3	18.1	6.8	1220

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	5	40-ml VOAs	8015/8260	HCl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-16-16

WELL ID. MW-4 SAMPLER RIC

TOTAL DEPTH OF WELL 24.5 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 9.80 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 14.7

NUMBER OF GALLONS PER WELL CASING VOLUME 2.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.5 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 15:15 TIME EVACUATION COMPLETED 1535

TIME SAMPLES WERE COLLECTED 1535

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR slight yellow brown ODOR/SEDIMENT None / slight yellow brown

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.8 °C	6.8	1920
2	18.8	6.8	1900
3	18.8	6.8	1900

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	40-ml VOAs	8015/8260	HCl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-16-16

WELL ID. MW-5R SAMPLER RK

TOTAL DEPTH OF WELL 19.58 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 9.47 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 10.11

NUMBER OF GALLONS PER WELL CASING VOLUME 1.7

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.1 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1715 TIME EVACUATION COMPLETED 1725

TIME SAMPLES WERE COLLECTED 1725

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.1 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR clear ODOR/SEDIMENT moderate hc/ none

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.8	6.8	950
2	19.0	6.8	940
3	19.0	6.8	940

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5R	4	40-ml VOA	8015/8260	HCl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-10-15

WELL ID. MW-6 SAMPLER RK

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 8.50 TIME OF MEASUREMENT

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 16.2

NUMBER OF GALLONS PER WELL CASING VOLUME 2.7

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 8.1 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 15:50 TIME EVACUATION COMPLETED 1615

TIME SAMPLES WERE COLLECTED 1615

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 8.1 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR yellow brown ODOR/SEDIMENT None / yellow brown silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.4	7.5	870
2	19.7	7.1	860
3	19.7	7.1	860

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	40-ml	8015/8260	HCl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-16-16

WELL ID. MW-9 SAMPLER RK

TOTAL DEPTH OF WELL 16.8 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 11.15 TIME OF MEASUREMENT

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 5.65

NUMBER OF GALLONS PER WELL CASING VOLUME 1.0

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 30 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1410 TIME EVACUATION COMPLETED 1420

TIME SAMPLES WERE COLLECTED 1800

DID WELL GO DRY Yes AFTER HOW MANY GALLONS 1.5

VOLUME OF GROUNDWATER PURGED 1.5 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR clear to olive brown ODOR/SEDIMENT Slight hc / none to mod

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.2	5.5	940
/	/	/	/

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	5	40-ml VOA	8015/8260	HCl

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 2-16-16

WELL ID. MW-10 SAMPLER RLC

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 9.12 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 15.58

NUMBER OF GALLONS PER WELL CASING VOLUME 2.6

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.8 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1630 TIME EVACUATION COMPLETED 1650

TIME SAMPLES WERE COLLECTED 1650

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.8 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR Clear ODOR/SEDIMENT None/None

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.3	6.8	950
2	19.5	6.6	1040
3	19.5	6.6	1050

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-10	5	40 ml VOA	8015/8260	HCl

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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation
For Groundwater Samples

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1602749

Report Created for: Aqua Science Engineers, Inc.

55 Oak Court Suite 220
Danville, CA 94526

Project Contact: Robert Kitay
Project P.O.:
Project Name: 3934; Albany Hill

Project Received: 02/18/2016

Analytical Report reviewed & approved for release on 02/24/2016 by:

Angela Rydelius,
Laboratory Manager

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

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: Aqua Science Engineers, Inc.
Project: 3934; Albany Hill
WorkOrder: 1602749

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1	aqueous sample that contains greater than ~1 vol. % sediment

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Received:	2/18/16 20:40	**Extraction Method:**	SW5030B
Date Prepared:	2/22/16	**Analytical Method:**	SW8260B
Project:	3934; Albany Hill	**Unit:**	µg/L

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	1602749-001A	Water	02/16/2016 14:50	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	02/22/2016 13:11
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	113	70-130		02/22/2016 13:11

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	1602749-002A	Water	02/16/2016 15:35	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**63**	50	1	02/22/2016 13:51
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	113	70-130		02/22/2016 13:51

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5R	1602749-003A	Water	02/16/2016 17:25	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**1800**	50	1	02/22/2016 23:09
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	120	70-130		02/22/2016 23:09

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	1602749-004A	Water	02/16/2016 16:15	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**1100**	50	1	02/22/2016 21:10
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	114	70-130		02/22/2016 21:10

Analyst(s): KF Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Received:	2/18/16 20:40	**Extraction Method:**	SW5030B
Date Prepared:	2/22/16	**Analytical Method:**	SW8260B
Project:	3934; Albany Hill	**Unit:**	µg/L

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-9	1602749-005A	Water	02/16/2016 18:00	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**670**	50	1	02/22/2016 21:50

Surrogates	REC (%)	Limits	
Dibromofluoromethane	117	70-130	02/22/2016 21:50

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-10	1602749-006A	Water	02/16/2016 16:50	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**230**	50	1	02/22/2016 22:29

Surrogates	REC (%)	Limits	
Dibromofluoromethane	117	70-130	02/22/2016 22:29

Analyst(s): KF

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Received:	2/18/16 20:40	**Extraction Method:**	SW5030B
Date Prepared:	2/22/16-2/24/16	**Analytical Method:**	SW8260B
Project:	3934; Albany Hill	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	1602749-001A	Water	02/16/2016 14:50	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/22/2016 13:11
Benzene	**0.66**	0.50	1	02/22/2016 13:11
t-Butyl alcohol (TBA)	ND	2.0	1	02/22/2016 13:11
Diisopropyl ether (DIPE)	ND	0.50	1	02/22/2016 13:11
Ethylbenzene	ND	0.50	1	02/22/2016 13:11
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/22/2016 13:11
Methyl-t-butyl ether (MTBE)	**3.7**	0.50	1	02/22/2016 13:11
Naphthalene	ND	0.50	1	02/22/2016 13:11
Toluene	ND	0.50	1	02/22/2016 13:11
Xylenes, Total	ND	0.50	1	02/22/2016 13:11

Surrogates	REC (%)	Limits	
Dibromofluoromethane	103	70-130	02/22/2016 13:11
Toluene-d8	104	70-130	02/22/2016 13:11
4-BFB	97	70-130	02/22/2016 13:11

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	1602749-002A	Water	02/16/2016 15:35	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/22/2016 13:51
Benzene	**3.0**	0.50	1	02/22/2016 13:51
t-Butyl alcohol (TBA)	ND	2.0	1	02/22/2016 13:51
Diisopropyl ether (DIPE)	ND	0.50	1	02/22/2016 13:51
Ethylbenzene	ND	0.50	1	02/22/2016 13:51
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/22/2016 13:51
Methyl-t-butyl ether (MTBE)	**3.8**	0.50	1	02/22/2016 13:51
Naphthalene	ND	0.50	1	02/22/2016 13:51
Toluene	ND	0.50	1	02/22/2016 13:51
Xylenes, Total	ND	0.50	1	02/22/2016 13:51

Surrogates	REC (%)	Limits	
Dibromofluoromethane	103	70-130	02/22/2016 13:51
Toluene-d8	99	70-130	02/22/2016 13:51
4-BFB	96	70-130	02/22/2016 13:51

Analyst(s): KF

(Cont.)

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Received:	2/18/16 20:40	**Extraction Method:**	SW5030B
Date Prepared:	2/22/16-2/24/16	**Analytical Method:**	SW8260B
Project:	3934; Albany Hill	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5R	1602749-003A	Water	02/16/2016 17:25	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/22/2016 23:09
Benzene	**2.7**	0.50	1	02/22/2016 23:09
t-Butyl alcohol (TBA)	ND	2.0	1	02/22/2016 23:09
Diisopropyl ether (DIPE)	ND	0.50	1	02/22/2016 23:09
Ethylbenzene	**3.9**	0.50	1	02/22/2016 23:09
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/22/2016 23:09
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/22/2016 23:09
Naphthalene	ND	0.50	1	02/22/2016 23:09
Toluene	**0.68**	0.50	1	02/22/2016 23:09
Xylenes, Total	**1.1**	0.50	1	02/22/2016 23:09

Surrogates	REC (%)	Limits	
Dibromofluoromethane	109	70-130	02/22/2016 23:09
Toluene-d8	99	70-130	02/22/2016 23:09
4-BFB	120	70-130	02/22/2016 23:09

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	1602749-004A	Water	02/16/2016 16:15	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/22/2016 21:10
Benzene	ND	0.50	1	02/22/2016 21:10
t-Butyl alcohol (TBA)	ND	2.0	1	02/22/2016 21:10
Diisopropyl ether (DIPE)	ND	0.50	1	02/22/2016 21:10
Ethylbenzene	ND	0.50	1	02/22/2016 21:10
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/22/2016 21:10
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/22/2016 21:10
Naphthalene	ND	0.50	1	02/22/2016 21:10
Toluene	ND	0.50	1	02/22/2016 21:10
Xylenes, Total	ND	0.50	1	02/22/2016 21:10

Surrogates	REC (%)	Limits	
Dibromofluoromethane	102	70-130	02/22/2016 21:10
Toluene-d8	91	70-130	02/22/2016 21:10
4-BFB	109	70-130	02/22/2016 21:10

Analyst(s): KF Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Received:	2/18/16 20:40	**Extraction Method:**	SW5030B
Date Prepared:	2/22/16-2/24/16	**Analytical Method:**	SW8260B
Project:	3934; Albany Hill	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-9	1602749-005A	Water	02/16/2016 18:00	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/22/2016 21:50
Benzene	**27**	0.50	1	02/22/2016 21:50
t-Butyl alcohol (TBA)	ND	2.0	1	02/22/2016 21:50
Diisopropyl ether (DIPE)	ND	0.50	1	02/22/2016 21:50
Ethylbenzene	**28**	0.50	1	02/22/2016 21:50
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/22/2016 21:50
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/22/2016 21:50
Naphthalene	**19**	0.50	1	02/22/2016 21:50
Toluene	**0.61**	0.50	1	02/22/2016 21:50
Xylenes, Total	**19**	0.50	1	02/22/2016 21:50

Surrogates	REC (%)	Limits	
Dibromofluoromethane	106	70-130	02/22/2016 21:50
Toluene-d8	98	70-130	02/22/2016 21:50
4-BFB	109	70-130	02/22/2016 21:50

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-10	1602749-006A	Water	02/16/2016 16:50	GC16	117076

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/24/2016 00:10
Benzene	ND	0.50	1	02/24/2016 00:10
t-Butyl alcohol (TBA)	ND	2.0	1	02/24/2016 00:10
Diisopropyl ether (DIPE)	ND	0.50	1	02/24/2016 00:10
Ethylbenzene	ND	0.50	1	02/24/2016 00:10
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/24/2016 00:10
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/24/2016 00:10
Naphthalene	ND	0.50	1	02/24/2016 00:10
Toluene	ND	0.50	1	02/24/2016 00:10
Xylenes, Total	ND	0.50	1	02/24/2016 00:10

Surrogates	REC (%)	Limits	
Dibromofluoromethane	104	70-130	02/24/2016 00:10
Toluene-d8	105	70-130	02/24/2016 00:10
4-BFB	100	70-130	02/24/2016 00:10

Analyst(s): KF

CLIENT: Aqua Science Engineers, Inc.
Work Order: 1602749
Project: 3934; Albany Hill

ANALYTICAL QC SUMMARY REPORT

BatchID: 117076

SampleID	**MB-117076**	TestCode:	**8260GAS_W**	Units:	**µg/L**	Prep Date:	**2/22/2016**
Batch ID:	**117076**	TestNo:	**SW8260B**	Run ID:	**GC16_160223B**	Analysis Date:	**2/22/2016**

Analyte	Result	PQL	SPKValue	SPKRefVal	%REC	Limits	RPDRefVal	%RPD	RPDLimit	Qual
TPH(g)	ND	50				-				
Surrogate Recovery										
Dibromofluoromethane	28.6		25		114	70 - 130				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CDPH ELAP 1644 ♦ NELAP 4033ORELAP

Angela Rydelius, Lab Manager

CLIENT: Aqua Science Engineers, Inc.
Work Order: 1602749
Project: 3934; Albany Hill

ANALYTICAL QC SUMMARY REPORT

BatchID: 117076

SampleID **LCS-117076**	TestCode: **8260GAS_W**	Units: **µg/L**	Prep Date: **2/22/2016**
Batch ID: **117076**	TestNo: **SW8260B**	Run ID: **GC16_160223B**	Analysis Date: **2/22/2016**

Analyte	Result	PQL	SPKValue	SPKRefVal	%REC	Limits	RPDRefVal	%RPD	RPDLimit	Qual
VOC (C6-C12)	547	50	644	0	85	75 - 105				
Surrogate Recovery										
Dibromofluoromethane	29.3		25		117	70 - 130				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CDPH ELAP 1644 ♦ NELAP 4033ORELAP

Angela Rydelius, Lab Manager

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Prepared:	2/22/16	**BatchID:**	117076
Date Analyzed:	2/22/16	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117076 1602806-004AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	10.0	0.50	10	-	100	54-140
Benzene	ND	10.2	0.50	10	-	102	47-158
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	44.8	2.0	40	-	112	42-140
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	9.80	0.50	10	-	98	43-157
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	10.4	0.50	10	-	104	44-155
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	10.3	0.50	10	-	103	66-125
1,1-Dichloroethene	ND	9.78	0.50	10	-	98	47-149
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-

(Cont.)

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

Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Prepared:	2/22/16	**BatchID:**	117076
Date Analyzed:	2/22/16	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117076 1602806-004AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
Diisopropyl ether (DIPE)	ND	10.7	0.50	10	-	107	57-136
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	10.7	0.50	10	-	107	55-137
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	10.0	0.50	10	-	100	53-139
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	9.32	0.50	10	-	93	52-137
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	9.82	0.50	10	-	98	43-157
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-

(Cont.)

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602749
Date Prepared:	2/22/16	**BatchID:**	117076
Date Analyzed:	2/22/16	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117076 1602806-004AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	25.8	26.4		25	103	105	70-130
Toluene-d8	26.9	25.6		25	108	102	70-130
4-BFB	2.48	2.57		2.5	99	103	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	11.3	11.1	10	ND	113	111	69-139	1.50	20
Benzene	10.7	10.5	10	ND	107	105	69-141	2.14	20
t-Butyl alcohol (TBA)	64.7	67.7	40	8.403	141	148	41-152	4.57	20
Chlorobenzene	10.5	10.2	10	ND	105	102	77-120	3.41	20
1,2-Dibromoethane (EDB)	11.6	11.4	10	ND	116	114	76-135	1.56	20
1,2-Dichloroethane (1,2-DCA)	11.2	11.1	10	ND	112	111	73-139	1.15	20
1,1-Dichloroethene	10.4	10.0	10	ND	104	100	59-140	3.51	20
Diisopropyl ether (DIPE)	11.7	11.5	10	ND	115	113	72-140	2.04	20
Ethyl tert-butyl ether (ETBE)	11.5	11.5	10	ND	115	115	71-140	0	20
Methyl-t-butyl ether (MTBE)	11.4	11.4	10	ND	112	113	73-139	0.280	20
Toluene	9.75	9.37	10	ND	97	94	71-128	3.97	20
Trichloroethene	10.6	10.1	10	ND	106	101	64-132	5.18	20
Surrogate Recovery									
Dibromofluoromethane	25.9	26.5	25		104	106	73-131	2.28	20
Toluene-d8	24.8	25.1	25		99	100	72-117	1.09	20
4-BFB	2.50	2.82	2.5		100	113	74-116	12.2	20

McCampbell Analytical, Inc.
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1602749 **ClientCode: ASED**

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

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

Email: rkitay@aquascienceengineers.com
cc/3rd Party:
PO:
ProjectNo: 3934; Albany Hill

Bill to:
Diane Schiell
Aqua Science Engineers, Inc.
217 Wild Flower Drive
Roseville, CA 95678
deezthng22@yahoo.com

Requested TAT: 5 days;

Date Received: **02/18/2016**
Date Logged: **02/18/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1602749-001	MW-1	Water	2/16/2016 14:50	☐	A	A	A									
1602749-002	MW-4	Water	2/16/2016 15:35	☐	A	A										
1602749-003	MW-5R	Water	2/16/2016 17:25	☐	A	A										
1602749-004	MW-6	Water	2/16/2016 16:15	☐	A	A										
1602749-005	MW-9	Water	2/16/2016 18:00	☐	A	A										
1602749-006	MW-10	Water	2/16/2016 16:50	☐	A	A										

Test Legend:

1	8260GAS_W	2	8260VOC_W	3	PREDF REPORT	4	
5		6		7		8	
9		10		11		12	

Project Manager:

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A contain testgroup.

Comments:

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

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WORK ORDER SUMMARY

Client Name: AQUA SCIENCE ENGINEERS, INC. **QC Level:** LEVEL 2 **Work Order:** 1602749
Project: 3934; Albany Hill **Client Contact:** Robert Kitay **Date Logged:** 2/18/2016
Comments: **Contact's Email:** rkitay@aquascienceengineers.com

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1602749-001A	MW-1	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	5	VOA w/ HCl	☐	2/16/2016 14:50	5 days	Present	☐	
1602749-002A	MW-4	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	5	VOA w/ HCl	☐	2/16/2016 15:35	5 days	Present	☐	
1602749-003A	MW-5R	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	5	VOA w/ HCl	☐	2/16/2016 17:25	5 days	Present	☐	
1602749-004A	MW-6	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	5	VOA w/ HCl	☐	2/16/2016 16:15	5 days	5%+	☐	
1602749-005A	MW-9	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	4	VOA w/ HCl	☐	2/16/2016 18:00	5 days	Present	☐	
1602749-006A	MW-10	Water	TPH(g) & 8260 (Misc. Compounds) by P&T GCMS	5	VOA w/ HCl	☐	2/16/2016 16:50	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1602749

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

Chain of Custody

SAMPLER (SIGNATURE) E. Kitay

PAGE 1 1

PROJECT NAME Albany Hill

JOB NO. 3934

ADDRESS 800 San Pablo Ave, Albany, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	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) + Naphthalene		COMPOSITE	EDF	HOLD
MW-1	2-16-16	1450	W	5													X			X	
MW-4		1535		1													X			X	
MW-5R		1725															X			X	
MW-6		1615		↓													X			X	
MW-9		1800		4													X			X	
MW-10	↓	1650	↓	5													X			X	
																	X			A	

RELINQUISHED BY: E. Kitay 1655
(signature) (time)
Robert E. Kitay 2-18-16
(printed name) (date)
Company-ASE, INC.

RECEIVED BY: 1655
(signature) (time)
B. YSLAS 2/18/16
(printed name) (date)
Company- MAI

RELINQUISHED BY: 1845
(signature) (time)
2/18
(printed name) (date)
Company-

RECEIVED BY LABORATORY: 1845
(signature) (time)
2/18
(printed name) (date)
Company-

COMMENTS:

TURN AROUND TIME
STANDARD 24Hr 48Hr 72Hr
OTHER:

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Sample Receipt Checklist

Client Name:	**Aqua Science Engineers, Inc.**	Date and Time Received:	**2/18/2016 18:45**
Project Name:	**3934; Albany Hill**	Date Logged:	**2/18/2016**
WorkOrder №:	**1602749** Matrix: Water	Received by:	Jena Alfaro
Carrier:	Benjamin Yslas (MAI Courier)	Logged by:	Jena Alfaro

Chain of Custody (COC) Information

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

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Sample/Temp Blank temperature	Temp: 1.7°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

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

Comments:

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

APPENDIX C

Certified Analytical Report
and
Chain of Custody Documentation
For Soil Vapor Samples

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1602754

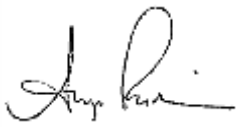
Report Created for: Aqua Science Engineers, Inc.

55 Oak Court Suite 220
Danville, CA 94526

Project Contact: Robert Kitay
Project P.O.:
Project Name: 3934; Albany Hill

Project Received: 02/18/2016

Analytical Report reviewed & approved for release on 02/25/2016 by:



Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: Aqua Science Engineers, Inc.
Project: 3934; Albany Hill
WorkOrder: 1602754

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Quality Control Qualifiers

F2	LCS recovery for this compound is outside of acceptance limits.

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Case Narrative

Client: Aqua Science Engineers, Inc.
Project: 3934; Albany Hill

Work Order: 1602754
February 25, 2016

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.

In an effort to attain the lowest reporting limits possible for the majority of the TO-15 target list, high level compounds may be analyzed using EPA Method 8260B.

Polymer (Tedlar) bags are not recommended for TO15 samples. The disadvantages are listed in Appendix B of the DTSC Active Soil Gas Advisory of July 2015.

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Received:	2/18/16 21:11	**Extraction Method:**	ASTM D 1946-90
Date Prepared:	2/19/16	**Analytical Method:**	ASTM D 1946-90
Project:	3934; Albany Hill	**Unit:**	%

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-4	1602754-001A	SoilGas	02/16/2016 13:00	GC26	116920

Analytes	Result	RL	DF	Date Analyzed
Helium	ND	0.11	1	02/19/2016 11:08

Analyst(s): MW

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-5	1602754-002A	SoilGas	02/16/2016 11:00	GC26	116920

Analytes	Result	RL	DF	Date Analyzed
Helium	ND	0.10	1	02/19/2016 11:21

Analyst(s): MW

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Received:	2/18/16 21:11	**Extraction Method:**	ASTM D 1946-90
Date Prepared:	2/19/16	**Analytical Method:**	ASTM D 1946-90
Project:	3934; Albany Hill	**Unit:**	%

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-4	1602754-001A	SoilGas	02/16/2016 13:00	GC26	117082

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**1.5**	0.84	1	02/19/2016 15:38

Analyst(s): MW

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-5	1602754-002A	SoilGas	02/16/2016 11:00	GC26	117082

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**0.81**	0.20	1	02/19/2016 15:49

Analyst(s): MW

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Received:	2/18/16 21:11	**Extraction Method:**	TO15
Date Prepared:	2/21/16	**Analytical Method:**	TO15
Project:	3934; Albany Hill	**Unit:**	µg/m³

TPH gas

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-4	**1602754-001A**	**SoilGas**	**02/16/2016 13:00**	**GC24**	**117022**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
4.02	**18.01**	**MW**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**3000**	1600	1	02/21/2016 04:19

Surrogates	REC (%)	Limits	
1,2-DCA-d4	91	70-130	02/21/2016 04:19

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-5	**1602754-002A**	**SoilGas**	**02/16/2016 11:00**	**GC24**	**117022**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
4.30	**18.00**	**MW**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**320,000**	15,000	10	02/21/2016 03:30

Surrogates	REC (%)	Limits	
1,2-DCA-d4	113	70-130	02/21/2016 03:30

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Analytical Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Received:	2/18/16 21:11	**Extraction Method:**	TO15
Date Prepared:	2/21/16	**Analytical Method:**	TO15
Project:	3934; Albany Hill	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-4	**1602754-001A**	**SoilGas**	**02/16/2016 13:00**	**GC24**	**117022**

Analytes	Result	RL	DF	Date Analyzed
Benzene	**20**	3.6	1	02/21/2016 04:19
Ethylbenzene	ND	4.9	1	02/21/2016 04:19
Naphthalene	ND	12	1	02/21/2016 04:19
Toluene	**8.3**	4.3	1	02/21/2016 04:19
Xylenes, Total	**19**	15	1	02/21/2016 04:19
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	94	70-130		02/21/2016 04:19
Toluene-d8	98	70-130		02/21/2016 04:19
4-BFB	102	70-130		02/21/2016 04:19

Analyst(s): MW

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVW-5	**1602754-002A**	**SoilGas**	**02/16/2016 11:00**	**GC24**	**117022**

Analytes	Result	RL	DF	Date Analyzed
Benzene	**7700**	33	10	02/21/2016 03:30
Ethylbenzene	**1600**	46	10	02/21/2016 03:30
Naphthalene	ND	110	10	02/21/2016 03:30
Toluene	**170**	40	10	02/21/2016 03:30
Xylenes, Total	**180**	140	10	02/21/2016 03:30
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	112	70-130		02/21/2016 03:30
Toluene-d8	98	70-130		02/21/2016 03:30

Analyst(s): MW

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Prepared:	2/18/16	**BatchID:**	116920
Date Analyzed:	2/18/16	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	Soilgas	**Unit:**	%
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-116920

QC Summary Report for ASTM D1946-90

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Helium	ND	0.0886	0.025	0.10	-	89	60-140

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Prepared:	2/19/16	**BatchID:**	117082
Date Analyzed:	2/19/16	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	Tedlar	**Unit:**	uL/L
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117082

QC Summary Report for ASTM D1946-90

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Oxygen	ND	5190	2000	7000	-	74	70-130

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Prepared:	2/20/16	**BatchID:**	117022
Date Analyzed:	2/20/16	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117022

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	38.8	30	60	-	65	60-140
Acrolein	ND	43.2	2.9	58.25	-	74	60-140
Acrylonitrile	ND	45.8	0.55	55	-	83	60-140
tert-Amyl methyl ether (TAME)	ND	95.1	1.0	105	-	91	60-140
Benzene	ND	67.0	0.80	80	-	84	60-140
Benzyl chloride	ND	135	1.3	132.5	-	102	60-140
Bromodichloromethane	ND	148	1.8	175	-	85	60-140
Bromoform	ND	240	2.6	262.5	-	91	60-140
Bromomethane	ND	86.7	1.0	97.5	-	89	60-140
1,3-Butadiene	ND	50.8	0.55	55	-	92	60-140
2-Butanone (MEK)	ND	60.9	38	75	-	81	60-140
t-Butyl alcohol (TBA)	ND	63.5	16	77.5	-	82	60-140
Carbon Disulfide	ND	66.6	0.80	80	-	83	60-140
Carbon Tetrachloride	ND	140	1.6	160	-	87	60-140
Chlorobenzene	ND	96.8	1.2	117.5	-	82	60-140
Chloroethane	ND	49.7	0.65	67.5	-	74	60-140
Chloroform	ND	96.9	1.2	122.5	-	79	60-140
Chloromethane	ND	35.0	0.50	52.5	-	67	60-140
Cyclohexane	ND	69.7	9.0	87.5	-	80	60-140
Dibromochloromethane	ND	189	2.2	217.5	-	87	60-140
1,2-Dibromo-3-chloropropane	ND	230	0.12	245	-	94	60-140
1,2-Dibromoethane (EDB)	ND	163	2.0	195	-	83	60-140
1,2-Dichlorobenzene	ND	134	1.5	152.5	-	88	60-140
1,3-Dichlorobenzene	ND	133	1.5	152.5	-	87	60-140
1,4-Dichlorobenzene	ND	131	1.5	152.5	-	86	60-140
Dichlorodifluoromethane	ND	96.8	1.2	125	-	77	60-140
1,1-Dichloroethane	ND	81.9	1.0	102.5	-	80	60-140
1,2-Dichloroethane (1,2-DCA)	ND	80.0	1.0	102.5	-	78	60-140
1,1-Dichloroethene	ND	79.9	1.0	100	-	80	60-140
cis-1,2-Dichloroethene	ND	83.9	1.0	100	-	84	60-140
trans-1,2-Dichloroethene	ND	78.2	1.0	100	-	78	60-140
1,2-Dichloropropane	ND	96.3	1.2	117.5	-	82	60-140
cis-1,3-Dichloropropene	ND	101	1.2	115	-	88	60-140
trans-1,3-Dichloropropene	ND	105	1.2	115	-	91	60-140
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	142	1.8	177.5	-	80	60-140
Diisopropyl ether (DIPE)	ND	76.6	1.0	105	-	73	60-140
1,4-Dioxane	ND	81.5	0.90	92.5	-	88	60-140

(Cont.)

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Prepared:	2/20/16	**BatchID:**	117022
Date Analyzed:	2/20/16	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117022

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Ethanol	ND	ND	48	47.5	-	53, F2	60-140
Ethyl acetate	ND	74.7	0.90	92.5	-	81	60-140
Ethyl tert-butyl ether (ETBE)	ND	86.1	1.0	105	-	82	60-140
Ethylbenzene	ND	90.6	1.1	110	-	82	60-140
4-Ethyltoluene	ND	112	1.2	125	-	89	60-140
Freon 113	ND	157	2.0	195	-	80	60-140
Heptane	ND	80.3	10	105	-	77	60-140
Hexachlorobutadiene	ND	250	2.7	270	-	92	60-140
Hexane	ND	70.5	9.0	90	-	78	60-140
2-Hexanone	ND	86.9	1.0	105	-	83	60-140
Isopropyl Alcohol	ND	48.6	25	62.5	-	78	60-140
4-Methyl-2-pentanone (MIBK)	ND	82.8	1.0	105	-	79	60-140
Methyl-t-butyl ether (MTBE)	ND	63.8	0.90	92.5	-	69	60-140
Methylene chloride	ND	67.2	4.4	87.5	-	77	60-140
Methyl methacrylate	ND	98.2	1.0	104	-	94	60-140
Naphthalene	ND	270	2.6	265	-	102	60-140
Propene	ND	ND	44	42.5	-	72	60-140
Styrene	ND	98.6	1.1	107.5	-	92	60-140
1,1,1,2-Tetrachloroethane	ND	148	1.8	175	-	84	60-140
1,1,2,2-Tetrachloroethane	ND	140	1.8	175	-	80	60-140
Tetrachloroethene	ND	146	1.7	172	-	85	60-140
Tetrahydrofuran	ND	54.0	1.5	75	-	72	60-140
Toluene	ND	78.6	0.95	95	-	83	60-140
1,2,4-Trichlorobenzene	ND	184	1.9	187.5	-	98	60-140
1,1,1-Trichloroethane	ND	123	1.4	137.5	-	90	60-140
1,1,2-Trichloroethane	ND	112	1.4	137.5	-	81	60-140
Trichloroethene	ND	118	1.4	137.5	-	86	60-140
Trichlorofluoromethane	ND	115	1.4	142.5	-	81	60-140
1,2,4-Trimethylbenzene	ND	112	1.2	125	-	89	60-140
1,3,5-Trimethylbenzene	ND	108	1.2	125	-	86	60-140
Vinyl Acetate	ND	62.6	9.0	90	-	70	60-140
Vinyl Chloride	ND	53.2	0.65	65	-	82	60-140
Xylenes, Total	ND	284	3.3	330	-	86	60-140

(Cont.)

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Quality Control Report

Client:	Aqua Science Engineers, Inc.	**WorkOrder:**	1602754
Date Prepared:	2/20/16	**BatchID:**	117022
Date Analyzed:	2/20/16	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	3934; Albany Hill	**Sample ID:**	MB/LCS-117022

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
1,2-DCA-d4	453	456		500	91	91	70-130
Toluene-d8	490	489		500	98	98	70-130
4-BFB	502	512		500	100	102	70-130

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1602754 **ClientCode: ASED**

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

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

Email: rkitay@aquascienceengineers.com
cc/3rd Party:
PO:
ProjectNo: 3934; Albany Hill

Bill to:
Diane Schiell
Aqua Science Engineers, Inc.
217 Wild Flower Drive
Roseville, CA 95678
deezthng22@yahoo.com

Requested TAT: 5 days;

Date Received: **02/18/2016**
Date Logged: **02/18/2016**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1602754-001	SVW-4	SoilGas	2/16/2016 13:00	☐	A	A	A			A	A	A				
1602754-002	SVW-5	SoilGas	2/16/2016 11:00	☐	A	A		A		A	A	A				
1602754-003	Unused Summa	SoilGas	<Not Provided>	☐					A				A			

Test Legend:

1	HELIUM_LC_SOILGAS(%)	2	LG_SUMMA_SOILGAS(%)	3	PRHELIUM SHROUD	4	PRHERegulator
5	PRUNUSEDSUMMA	6	TO15_Scan-SIM_SOIL(UG/M3)	7	TO15-8260_SOIL(UG/M3)	8	TO15GAS_Scan-SIM_SOIL(UG/M3)
9	UNUSED_SUMMA	10		11		12	

Prepared by: Jena Alfaro

The following SampIDs: 001A, 002A contain testgroup.

Comments:

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

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WORK ORDER SUMMARY

Client Name: AQUA SCIENCE ENGINEERS, INC. **QC Level:** LEVEL 2 **Work Order:** 1602754
Project: 3934; Albany Hill **Client Contact:** Robert Kitay **Date Logged:** 2/18/2016
Comments: **Contact's Email:** rkitay@aquascienceengineers.com

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

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1602754-001A	SVW-4	SoilGas	ASTM D1946-90 (Light Gases) <Oxygen>	1	1L Summa	☐	2/16/2016 13:00	5 days		☐	
			TO15 + Gas w/ Helium			☐		5 days		☐	
1602754-002A	SVW-5	SoilGas	ASTM D1946-90 (Light Gases) <Oxygen>	1	1L Summa	☐	2/16/2016 11:00	5 days		☐	
			TO15 + Gas w/ Helium			☐		5 days		☐	
1602754-003A	Unused Summa	SoilGas	Unused Summa	1	1L Summa	☐	<Not Provided>	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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1602754

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 DAY ☒

GeoTracker EDF ☐ PDF ☐ EDD ☐ EQuIS ☐ 10 DAY ☐

UST Clean Up Fund Project ☐ Claim #

Report To: Robert Kitay	Bill To: Robert Kitay
Company: Agua Science Engineers	
55 Oak Ct, Ste 220, Danville, CA 94526	
rKitay@aguascienceengineers.com E-Mail:	
Tele: (925) 413-8604	Fax: (925) 837-4853
Project #: 3934	Project Name: Albany Hill
Project Location: Albany, CA	
Sampler Signature: R. C. Kitay	

Field Sample ID (Location)	Collection Date	Collection Time	Canister SN#	Sampler Kit SN#	VOCs by TO-15 (ug/m3) PH-a/BTEX/ oxygenates	8010 by TO-15 (ug/m3)	TPH(g) (ug/m3)	LEED (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas: CO2, Methane, Ethane, Ethylene, Acetylene, CO (please circle or indicate in notes) uL/L	Fixed Gas: O2, N2 (please circle) ~~HELIUM~~	Fixed Gas: Propane uL/L	Helium Leak Check (%)	Leak Check (IPA, Norflorane, 1,1-difluroethane) ug/m3	APH: Aliphatic and/or Aromatic (please circle) ug/m3	Other:	Matrix: Soilgas	Matrix: Indoor Air	Cannister Pressure/ Vacuum: Initial	Cannister Pressure/ Vacuum: Final
SVW-4	2-16-16	1300	CAN1866-1286	MAN3164-1310	X					X		X				X		30	23.5
SVW-5	↓	1100	CAN1867-1287	MAN316-686	X					X		X				X		30	22

Analysis Requested

Helium Shroud SN#

Other:

Notes: Please Specify units if different than defaults VOCs is ug/m3 and fixed gas is uL/L. Leak check default is IPA.

Relinquished By:	Date:	Time:	Received By:
R. C. Kitay	2/18/16	1655	
	2/18	1845	

Temp (°C): _____ Work Order #: _____

Condition: _____

Custody Seals Intact?: Yes _____ No _____ None _____

Shipped Via: _____

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Sample Receipt Checklist

Client Name:	**Aqua Science Engineers, Inc.**	Date and Time Received:	**2/18/2016 13:00**
Project Name:	**3934; Albany Hill**	Date Logged:	**2/18/2016**
WorkOrder №:	**1602754** Matrix: SoilGas	Received by:	Jena Alfaro
Carrier:	Benjamin Yslas (MAI Courier)	Logged by:	Jena Alfaro

Chain of Custody (COC) Information

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

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	
Sample/Temp Blank temperature	Temp:				NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
Samples Received on Ice?	Yes	☐	No	☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA ☑

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

Comments: