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By Alameda County Environmental Health at 3:56 pm, Apr 17, 2014

Ms. Barbara Jakub, P.G.
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Grimit Auto Repair and Service, 1970 Seminary Boulevard, Oakland, California (Fuel Leak Case No. RO0000413)

Dear Ms. Jakub:

Stratus Environmental, Inc. (Stratus) has recently prepared a report entitled *Groundwater Monitoring and Sampling Results and CAP Status Report* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000413, for Grimit Auto Repair and Service, 1970 Seminary Boulevard, Oakland, California.

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

If you have any questions, please contact me via electronic mail at peggy.h.garcia@sbcglobal.net, or my daughter Angel LaMarca at angelcpt@gmail.com.

Sincerely,

Peggy Garcia, Trustee

Ms. Peggy Garcia, Trustee, Grimit Family Trust

cc: Angel LaMarca

STRATUS
ENVIRONMENTAL, INC.

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

April 15, 2014
Project No. 2090-1970-01

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

Re: Groundwater Monitoring and Sampling Results and CAP Status Report
First Quarter 2014
Former Grimit Auto Repair and Service
1970 Seminary Boulevard, Oakland, California
Fuel Leak Case No. RO0000413

Dear Mr. Nowell:

Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of the Grimit Family Trust, for the Former Grimit Auto Repair and Service underground storage tank fuel leak case, located at 1970 Seminary Boulevard, Oakland, California. This report presents a summary of activities completed during the first quarter 2014 and presents the findings of a groundwater monitoring and sampling event performed in January 2014. This document also provides information requested by Alameda County Environmental Health Department (ACEHD), in electronic mail correspondence dated March 12, 2014, after the State Water Resources Control Board (SWRCB) recently evaluated the site against the 'Low Threat Closure Policy'. This report has been prepared in compliance with ACEHD and California Regional Water Quality Control Board (CRWQCB) requirements for underground storage tank (UST) investigations.

If you have any questions regarding this report, please contact Scott Bittinger at (530) 676-2062 or via email at sbittinger@stratusinc.net.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

PROFESSIONAL GEOLOGIST
Scott G. Bittinger
No. 7477
STATE OF CALIFORNIA

Scott G. Bittinger, P.G.
Project Manager

Gowri S. Kowtha, P.E.
Principal Engineer

Attachment: Groundwater Monitoring and Sampling Results Report, First Quarter 2014

cc: Ms. Peggy Garcia, Trustee, Grimit Family Trust *(email: peggy.h.garcia@sbcglobal.net)*
Ms. Angel LaMarca *(email: angelcpt@gmail.com)*

April 15, 2014

GRIMIT AUTO REPAIR & SERVICE
GROUNDWATER MONITORING AND SAMPLING RESULTS REPORT

Facility Address:	1970 Seminary Boulevard, Oakland, California
Consulting Co. / Contact Person:	Stratus Environmental, Inc. / Scott Bittinger, P.G.
Consultant Project No:	2090-1970-01
Primary Agency/Regulatory ID No:	Mr. Keith Nowell, Alameda County Environmental Health Department (ACEHD), Fuel Leak Case No. RO0000413

WORK PERFORMED THIS PERIOD (First Quarter 2014):

1. Stratus directed the installation of six extraction wells (EX-1 through EX-6) between January 29 and 31, 2014. Work to develop the extraction wells was completed on January 30 and 31, 2014 and February 18, 2014 (due to slow groundwater recharge rates and low groundwater levels, well development was completed over multiple days). A well installation report was prepared and submitted to ACEHD on February 10, 2014.

2. The first quarter 2014 groundwater monitoring and sampling event was completed on January 30 and 31, 2014. During this time, wells MW-1 through MW-9 were gauged for depth to water levels and wells MW-1 through MW-8 were sampled. Well MW-9 was not sampled due to insufficient groundwater recharge.

3. Stratus continued work to obtain utility service needed to operate a dual phase extraction (DPE) remedial system.

WORK PROPOSED FOR NEXT PERIOD (Second and Third Quarters 2014):

1. Stratus will continue to work to obtain utility service for the future DPE system and install the DPE system with above ground piping to implement the proposed remediation.

Current Phase of Project:	RS/IRA (CAP/REM designation requested in Budget Change Order Request)
Frequency of Groundwater Monitoring:	All monitoring wells = Semi-annually (1st & 3rd quarters)
Frequency of Groundwater Sampling:	All monitoring wells = Semi-annually (1st & 3rd quarters)
Groundwater Sampling Date:	January 30 and 31, 2014
Is Free Product (FP) Present on Site:	Intermittently at well MW-1; 0.2 feet measured in late January 2014.
Depth to Groundwater:	5.20 to 27.19 feet below the top of the well casing
Groundwater Flow Direction :	Not mathematically calculated due to large variability in groundwater levels within the monitoring well network (discussed between ACEHD and Stratus in May 2013 meeting). Based on distribution of fuel contaminants in groundwater, shallow groundwater flow appears to be predominately to the west-northwest.

FINDINGS AND DISCUSSION:

Stratus conducted groundwater monitoring and sampling activities on January 30 and 31, 2014. During this event, wells MW-1 through MW-9 were gauged, purged and sampled according to the requirements of the ACEHD-approved monitoring and sampling plan (No sample was collected from MW-9 due to

insufficient groundwater recharge after purging). Groundwater samples were forwarded to a state-certified analytical laboratory to be analyzed for gasoline range organics (GRO) by EPA Method SW8015B/SW8260B, for benzene, toluene, ethylbenzene, and xylene (BTEX compounds), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), halogenated volatile organic compounds (HVOCs) by EPA Method SW8260B, and for oil & grease (O&G) by EPA Method 1664A. Samples containing O&G are typically analyzed with and without silica gel cleanup (if detections are present in the samples). Table 1 provides depth to water measurements and groundwater elevations. Tables 2 through 4 present a summary of groundwater analytical data collected for the site's monitoring well network.

Field data sheets documenting measurements and observations collected by Stratus personnel are provided in Appendix A. A description of sampling and analysis procedures used by Stratus/laboratory personnel are provided in Appendix B. Certified analytical results provided by the analyzing laboratory (Alpha Analytical, Inc.) are presented in Appendix C. Analytical results of sampled wells and depth to groundwater measurements have been uploaded to the State of California's GeoTracker database. Documentation of these data uploads is attached in Appendix D.

Groundwater Levels and Distribution of Groundwater Contaminants

Groundwater levels in the well network ranged from 5.20 to 27.19 feet below the top of the well casing on January 30, 2014. Groundwater levels were at/near historical low levels in late January 2014. Given the dimensions and layout of the property (small acreage on flat land), very large variations in groundwater levels are observed within the site's well network. Due to this condition, preparation of groundwater elevation contour maps using the available data do not appear useful for assessing groundwater flow direction beneath the site, and thus Stratus has discontinued preparation of groundwater elevation contour maps (discussed in May 2013 meeting).

In general, VOC impact to shallow groundwater is limited to the area immediately surrounding the former waste oil tank. Gasoline related fuel contaminants in shallow groundwater are present across most of the site property, with limited impact appearing to extend offsite. Figures 4 and 5 present a summary of petroleum hydrocarbon and VOC concentrations in groundwater, respectively, using data collected from the January 2014 well sampling event. Also included on Figures 4 and 5 are data from a January 2012 direct push soil boring investigation; these data are provided based on requests from ACEHD in the May 2013 meeting since the direct push boring data is useful in illustrating the lateral limits of impact to shallow groundwater.

The highest concentrations of GRO (62,000 micrograms per liter [µg/L]) and benzene (280 µg/L) were reported in the sample collected from well MW-1. GRO and benzene were also detected in samples collected from wells MW-4 (740 µg/L and 54 µg/L, respectively), MW-5 (1,600 µg/L and 13 µg/L, respectively), and MW-7 (3,500 µg/L and 54 µg/L, respectively). Oil and grease was reported in the MW-1 well sample (320,000 µg/L without silica gel treatment, 190,000 µg/L with silica gel treatment). MTBE was only detected in one well sample (MW-4, 4.6 µg/L). 1,2-DCA was reported in two well samples (MW-5 at 6.2 µg/L and MW-6 at 1.4 µg/L).

VOCs were detected in the samples collected from wells MW-4, MW-7, and MW-8, consistent with the findings of previous work. At well MW-7, vinyl chloride was detected at a concentration of 64 µg/L. At well MW-8, tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) were detected at concentrations of 2.4 µg/L, 2.4 µg/L, and 3.1 µg/L, respectively. At well MW-4, 1,2-dichlorobenzene (21 µg/L), TCE (28 µg/L), vinyl chloride (110 µg/L), cis-1,2-DCE (360 µg/L), and trans-1,2-DCE (24 µg/L) were reported in the collected sample.

Free Product Measurement and Removal

Free product was measured in well MW-1 at a thickness of 0.20 feet. Table 5 details the free product thickness measurements and summarizes removal efforts. To date, approximately 6.0 gallons of free product/water mixture has been removed from well MW-1.

CAP STATUS UPDATE

Stratus has initiated the initial phase of corrective action at the site, which is to consist of performing dual phase extraction (DPE) for removal of contaminants, including free product, above approximately 35 feet bgs. As stated earlier, Stratus oversaw the installation of six extraction wells to be used in conjunction with the DPE system during the first quarter 2014. In addition, Stratus is currently working to obtain an electrical connection and sewer connection for the future DPE system. Based on anticipated work progress rates, we anticipate performing DPE during the summer and fall months of 2014. Due to relatively low groundwater levels beneath the property, 2014 should be an optimal time for performing DPE and removing petroleum hydrocarbon mass from the subsurface.

TECHNICAL COMMENTS PROVIDED BY ACEHD AND RESPONSES TO THESE COMMENTS

Please provide information regarding the status of a reported water supply well identified on the property west of the site by a previous consultant (Hoexter Consulting). Please collect a water sample from the well and analyze the sample for petroleum hydrocarbons and volatile organic compounds (listed in the March 12, 2014 e-mail). Please provide information regarding the construction details and operational status of the well.

Beginning in November 2010, Stratus attempted to obtain access to the property where the water supply well identified by Hoexter Consulting was reportedly installed (1955 Seminary Avenue). A copy of a license agreement mailed to these property owners is attached in Appendix E. Stratus has also attempted to contact these owners at their property, but to date, these attempts have been unsuccessful.

Due to the lack of cooperation from the property owners at 1955 Seminary Avenue, Stratus requested assistance from ACEHD for property access, and on December 14, 2011, a representative of ACEHD (Ms. Barbara Jakub) forwarded a request for access to these property owners. A copy of the letter issued by ACEHD is included in Appendix E. To our knowledge, the property owners did not respond to the ACEHD request for access.

Due to the inability to access the property at 1955 Seminary Avenue, Stratus is unable to provide any additional information to ACEHD about the offsite water supply well. We again solicit assistance from ACEHD to access this property. If access can be obtained, Stratus will attempt to locate this well and if located, inspect and sample the well.

ATTACHMENTS:

- Table 1 Groundwater Elevation Summary
- Table 2 Groundwater Analytical Summary for Petroleum Hydrocarbons
- Table 3 Analytical Results for Fuel Oxygenates and Additives
- Table 4 Analytical Results for Volatile Organic Compounds
- Table 5 Free Product Measurement and Removal Summary
- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Site Vicinity Map
- Figure 4 Petroleum Hydrocarbon Groundwater Analytical Summary Above 40 Feet bgs, First Quarter 2014
- Figure 5 Halogenated VOC Groundwater Analytical Summary Above 40 Feet bgs, First Quarter 2014
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations
- Appendix E Property Access Requests to 1955 Seminary Avenue Prepared by ACEHD and Stratus Environmental, Inc.

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-1	07/22/00	21.93	36.99	sheen	15.06
(deep)	01/29/01	19.49	36.99	0.01	17.51
	07/28/01	19.84	36.99	sheen	17.15
	02/03/02	16.03	36.99	0.01	20.97
	07/23/02	20.45	36.99	0.01	16.55
	01/20/03	15.08	36.99	0.02	21.92
	07/30/03	19.06	36.99	0.02	17.94
	01/27/04	16.45	36.99	sheen	20.54
	07/22/04	20.22	40.02	0.08	19.86
	01/20/05	13.92	40.02	sheen	26.10
	07/20/05	16.76	40.02	sheen	23.26
	01/26/06	14.40	40.02	0.01	25.63
	07/27/06	17.66	40.02	sheen	22.36
	01/24/07	17.43	40.02	0.02	22.60
	07/18/07	19.31	40.02	0.17	20.84
	02/15/08	14.80	40.02	0.02	25.23
	07/25/08	20.21	40.02	0.42	20.12
	01/23/09[1]	19.71	40.02	0.08	20.37
	07/20/09	19.58	40.02	0.125	20.53
	01/25/10[1]	13.69	40.02	0.125	26.42
	07/29/10	21.20	40.02	0.40	19.12
	01/31/11	19.12	40.02	0.21	21.06
	07/12/11	20.90	40.02	0.30	19.34
	01/17/12	20.89	42.91	0.06	22.06
	07/16/12	19.75	42.91	sheen	23.16
	01/14/13	16.58	42.91	sheen	26.33
	07/15/13	21.73	42.91	0.05	21.22
	01/30/14	23.45	42.91	0.20	19.60

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GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-2 (deep)	07/22/00	13.73	36.40	--	22.67
	01/29/01	12.25	36.40	--	24.15
	07/28/01[1]	16.73	36.40	--	19.67
	02/03/02	11.40	36.40	--	25.00
	07/23/02	13.42	36.40	--	22.98
	01/20/03	10.49	36.40	--	25.91
	07/30/03	13.47	36.40	--	22.93
	01/27/04	11.72	36.40	--	24.68
	07/22/04	13.86	39.42	--	25.56
	01/20/05	10.24	39.42	--	29.18
	07/20/05	12.34	39.42	--	27.08
	01/26/06	10.60	39.42	--	28.82
	07/27/06	13.02	39.42	--	26.40
	01/24/07	15.76	39.42	--	23.66
	07/18/07	13.91	39.42	--	25.51
	02/15/08	10.94	39.42	--	28.48
	07/25/08	14.29	39.42	--	25.13
	01/23/09[1]	20.17	39.42	--	19.25
	07/20/09	15.16	39.42	--	24.26
	01/25/10[1]	15.66	39.42	--	23.76
	07/29/10	12.58	39.42	--	26.84
	01/31/11	20.15	39.42	--	19.27
	07/12/11	11.12	39.42	--	28.30
	01/17/12	13.47	42.32	--	28.85
	07/16/12	12.18	42.32	--	30.14
	01/14/13	13.32	43.32	sheen	30.00
	07/15/13	12.48	43.32	--	30.84
	01/30/14	17.11	43.32	--	26.21

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GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-3	07/22/00	9.41	36.94	--	27.53
(shallow)	01/29/01	7.23	36.94	--	29.71
	07/28/01	8.63	36.94	--	28.31
	02/03/02	7.99	36.94	--	28.95
	07/23/02	10.17	36.94	--	26.77
	01/20/03	6.76	36.94	--	30.18
	07/30/03	10.13	36.94	--	26.81
	01/27/04	7.65	36.94	--	29.29
	07/22/04	11.29	39.95	--	28.66
	01/20/05	6.24	39.95	--	33.71
	07/20/05	9.03	39.95	--	30.92
	01/26/06	6.49	39.95	--	33.46
	07/27/06	8.80	39.95	--	31.15
	01/24/07	8.75	39.95	--	31.20
	07/18/07	11.29	39.95	--	28.66
	02/15/08	6.79	39.95	--	33.16
	07/25/08	12.40	39.95	--	27.55
	01/23/09[1]	9.72	39.95	--	30.23
	07/20/09	10.81	39.95	--	29.14
	01/25/10[1]	7.67	39.95	--	32.28
	07/29/10	10.42	39.95	--	29.53
	01/31/11	9.57	39.95	--	30.38
	07/12/11	9.87	39.95	--	30.08
	01/17/12	11.05	42.85	--	31.80
	07/16/12	10.45	42.85	--	32.40
	01/14/13	8.82	43.85	--	35.03
	07/15/13	10.31	43.85	--	33.54
	01/30/14	16.70	43.85	--	27.15

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GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-4 (deep)	07/22/00	20.67	36.47	--	15.80
	01/29/01	18.06	36.47	--	18.41
	07/28/01	20.80	36.47	--	15.67
	02/03/02	15.53	36.47	--	20.94
	07/23/02	20.26	36.47	--	16.21
	01/20/03	15.26	36.47	--	21.21
	07/30/03	20.23	36.47	--	16.24
	01/27/04	17.15	36.47	--	19.32
	07/22/04	21.28	36.49	--	15.21
	01/20/05	14.20	36.49	--	22.29
	07/20/05	17.64	36.49	--	18.85
	01/26/06	14.42	36.49	--	22.07
	07/27/06	18.51	36.49	--	17.98
	01/24/07	18.43	36.49	--	18.06
	07/18/07	20.59	36.49	--	15.90
	02/15/08	15.11	36.49	--	21.38
	07/25/08	21.12	36.49	--	15.37
	01/23/09[1]	19.99	36.49	--	16.50
	07/20/09	20.58	36.49	--	15.91
	01/25/10[1]	15.07	36.49	--	21.42
	07/29/10	21.25	36.49	--	15.24
	01/31/11	18.24	36.49	--	18.25
	07/12/11	19.38	36.49	--	17.11
	01/17/12	22.34	42.39	--	20.05
	07/16/12	21.53	42.39	--	20.86
	01/14/13	15.37	43.39	--	28.02
	07/15/13	22.79	43.39	--	20.60
	01/30/14	23.47	43.39	--	19.92

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Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-5	07/22/00	21.42	36.77	--	15.35
(deep)	01/29/01	20.79	36.77	--	15.98
	07/28/01	21.07	36.77	--	15.70
	02/03/02	17.67	36.77	--	19.10
	07/23/02	20.16	36.77	--	16.61
	01/20/03	17.21	36.77	--	19.56
	07/30/03	20.32	36.77	--	16.45
	01/27/04	18.34	36.77	--	18.43
	07/22/04	20.90	39.79	--	18.89
	01/20/05	15.89	39.79	--	23.90
	07/20/05	17.97	39.79	--	21.82
	01/26/06	15.49	39.79	--	24.30
	07/27/06	18.50	39.79	--	21.29
	01/24/07	18.76	39.79	--	21.03
	07/18/07	20.12	39.79	--	19.67
	02/15/08[1]	16.35	39.79	--	23.44
	07/25/08	20.57	39.79	--	19.22
	01/23/09[1]	19.42	39.79	--	20.37
	07/20/09	20.35	39.79	--	19.44
	01/25/10[1]	16.33	39.79	--	23.46
	07/29/10	19.47	39.79	--	20.32
	01/31/11	17.70	39.79	--	22.09
	07/12/11	17.91	39.79	--	21.88
	01/17/11	21.25	42.69	sheen	21.44
	07/16/12	19.74	42.69	sheen	22.95
	01/14/13	16.74	42.69	--	25.95
	07/15/13	21.24	42.69	--	21.45
	01/30/14	22.92	42.69	--	19.77

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Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-6 (shallow)	07/22/00	11.50	36.42	--	24.92
	01/29/01	9.34	36.42	--	27.08
	07/28/01	NA	36.42	--	NA
	02/03/02	9.32	36.42	--	27.10
	07/23/02	11.33	36.42	--	25.09
	01/20/03	8.49	36.42	--	27.93
	07/30/03	11.35	36.42	--	25.07
	01/27/04	9.20	36.42	--	27.22
	07/22/04	11.13	39.44	--	28.31
	01/20/05	7.65	39.44	--	31.79
	07/20/05	10.02	39.44	--	29.42
	01/26/06	8.13	39.44	--	31.31
	07/27/06	10.59	39.44	--	28.85
	01/24/07	10.09	39.44	--	29.35
	07/18/07	11.06	39.44	--	28.38
	02/15/08	8.17	39.44	--	31.27
	07/25/08	11.30	39.44	--	28.14
	01/23/09[1]	9.82	39.44	--	29.62
	07/20/09	11.02	39.44	--	28.42
	01/25/10[1]	6.58	39.44	--	32.86
	07/29/10	10.72	39.44	--	28.72
	01/31/11	8.58	39.44	--	30.86
	07/12/11	9.32	39.44	--	30.12
	01/17/12	11.14	42.34	--	31.20
	07/16/12	10.11	42.34	--	32.23
	01/14/13	8.41	43.34	sheen	34.93
	07/15/13	9.92	43.34	--	33.42
	01/30/14	14.69	43.34	--	28.65

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GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-7 (deep)	07/22/00	19.85	36.83	--	16.98
	01/29/01	17.59	36.83	--	19.24
	07/28/01	20.05	36.83	--	16.78
	02/03/02	15.89	36.83	--	20.94
	07/23/02	19.57	36.83	--	17.26
	01/20/03	15.36	36.83	--	21.47
	07/30/03	19.21	36.83	--	17.62
	01/27/04	16.84	36.83	--	19.99
	07/22/04	20.17	39.84	--	19.67
	01/20/05	14.44	39.84	--	25.40
	07/20/05	17.26	39.84	--	22.58
	01/26/06	14.55	39.84	--	25.29
	07/27/06	18.13	39.84	--	21.71
	01/24/07	18.03	39.84	--	21.81
	07/18/07	19.76	39.84	--	20.08
	02/15/08	15.44	39.84	--	24.40
	01/23/09[1]	20.50	39.84	--	19.34
	01/23/09	19.08	39.84	--	20.76
	07/20/09	20.20	39.84	--	19.64
	01/25/10[1]	15.30	39.84	--	24.54
	07/29/10	19.60	39.84	--	20.24
	01/31/11	17.63	39.84	--	22.21
	07/12/11	17.77	39.84	--	22.07
	01/17/12	21.63	42.72	sheen	21.09
	07/16/12	19.81	42.72	sheen	22.91
	01/14/13	16.65	43.72	sheen	27.07
	07/15/13	21.67	43.72	--	22.05
	01/30/14	27.19	43.72	--	16.53

TABLE 1
GROUNDWATER ELEVATION SUMMARY

Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-8 (shallow)	07/22/00	5.47	36.55	--	31.08
	01/29/01	3.01	36.55	--	33.54
	07/23/02	5.11	36.55	--	31.44
	01/20/03	3.57	36.55	--	32.98
	07/30/03	5.23	36.55	--	31.32
	01/27/04	4.26	36.55	--	32.29
	07/22/04	5.42	36.55	--	31.13
	01/20/05	3.39	36.55	--	33.16
	07/20/10	5.14	39.49	--	34.35
	01/26/06	3.70	39.49	--	35.79
	07/27/06	5.63	39.49	--	33.86
	01/24/07	4.87	39.49	--	34.62
	07/18/07	5.41	39.49	--	34.08
	02/15/08	3.77	39.49	--	35.72
	07/25/08	5.67	39.49	--	33.82
	01/23/09[1]	3.55	39.49	--	35.94
	07/20/09	5.71	39.49	--	33.78
	01/25/10[1]	1.15	39.49	--	38.34
	07/29/10	5.40	39.49	--	34.09
	01/31/11	3.16	39.49	--	36.33
	07/12/11	4.63	39.49	--	34.86
	01/17/12	5.26	42.42	--	37.16
	07/16/12	5.31	42.42	--	37.11
	01/14/13	4.15	43.42	--	39.27
	07/15/13	5.34	43.42	--	38.08
	01/30/14	5.20	43.42	--	38.22

TABLE 1
GROUNDWATER ELEVATION SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-9 (shallow)	07/22/00	15.78	36.70	--	20.92
	01/29/01	14.65	36.70	--	22.05
	07/28/01	15.33	36.70	--	21.37
	02/03/02	12.59	36.70	--	24.11
	07/23/02	15.27	36.70	--	21.43
	01/20/03	12.27	36.70	--	24.43
	07/30/03	14.85	36.70	--	21.85
	01/27/04	11.72	36.70	--	24.98
	07/22/04	15.17	39.71	--	24.54
	01/20/05	10.16	39.71	--	29.55
	07/20/05	12.12	39.71	--	27.59
	01/26/06	10.12	39.71	--	29.59
	07/27/06	12.52	39.71	--	27.19
	01/24/07	12.63	39.71	--	27.08
	07/18/07	13.77	39.71	--	25.94
	02/15/08	10.78	39.71	--	28.93
	07/25/08	13.93	39.71	--	25.78
	01/23/09[1]	13.08	39.71	--	26.63
	07/20/09	13.63	39.71	--	26.08
	01/25/10[1]	11.35	39.71	--	28.36
	07/29/10	12.49	39.71	--	27.22
	01/31/11	11.98	39.71	--	27.73
	07/12/11	11.98	39.71	--	27.73
	01/17/12	12.57	42.61	--	30.04
	07/16/12	12.48	42.61	--	30.13
	01/14/13	12.35	43.61	--	31.26
	07/15/13	13.35	43.61	--	30.26
	01/30/14	17.20	43.61	--	26.41

Legend/Key:

ft bgs = feet below ground surface
ft MSL = feet above mean sea level
[1] = Well possibly not calibrated
[2] = Well not stabilized; water level rising

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-1	07/22/00	37,000	320,000[1,2]	2,200	2,600	1,300	5,200	NT
(deep)	01/29/01	36,000	76,000[1,2]	2,100	2,300	1,200	4,500	NT
	07/28/01	99,000	86 000[1,2]	1,500	2,300	1,700	6,600	NT
	02/03/02	42,000	42,000[1,2]	1,200	1,300	1,100	3,900	NT
	07/23/02	53,000	170,000[1,2]	1,700	2,800	1,500	5,100	NT
	01/20/03	33,000	65,000[1,2]	2,100	2,500	1,300	4,400	NT
	07/30/03	24,000	55,000[1]	1,300	1,500	760	2,700	NT
	01/27/04	21,000	220,000[1]	1,600	1,500	1,100	3,200	NT
	07/22/04	31,000	780,000[1,2]	1,500	1,700	1,200	4,100	NT
	01/20/05	25000	72,000[1,2]	1,300	1400	1,000	2,800	NT
	07/20/05	22,000	500,000[1,2]	1,100	1,600	830	2,600	NT
	01/26/06	28000	64,000[1,2]	1,600	1,500	1,200	3,500	NT
	07/27/06	25,000	NA	810	1,000	1,100	3,200	NT
	01/25/07	32,000	170,000[1]	990	960	1,100	3,500	NT
	07/19/07	32,000	1,100,000[1]	600	740	950	2,500	NT
	02/15/08	28,000	3,500,000[1,2]	930	780	940	2,500	NT
	07/25/08	28,000	NA	540	580	750	2,000	--
	01/23/09	52,000	1,000,000[1,2]	420	350	1,400	3,600	NT
	07/21/09	19,000	46,000[1]	530	500	890	2,300	NT
	01/25/10	23,000	140,000[1,2]	780	540	850	2,200	NT
	07/29/10			Not Sampled - Free Product present				
	01/31/11			Not Sampled - Free Product present				
	07/12/11			Not Sampled - Free Product present				
	01/17/12			Not Sampled - Free Product present				
	07/16/12	16,000	73,000 / 41,000[3]	270	240	590	832	NT
	01/14/13	95,000	80,000 / 61,000[3]	310	310	700	1,520	NT
	07/15/13	48,000	<5,000	280	280	1,000	1,310	NT
	01/30/14	62,000	320,000 / 190,00[3]	280	220	1,200	817	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-2	07/22/00	180	<5,000[1,2]	10	ND	4.5	6.0	NT
(deep)	01/29/01	130	<5,000[1,2]	16	ND	1.9	3.8	NT
	07/28/01	<50	<5,000[1,2]	2.7	ND	0.64	0.69	NT
	02/03/02	140	<5,000[1,2]	5.5	ND	9.0	12	NT
	07/23/02	780	<5,000[1,2]	52	2.0	44	6.2	NT
	01/20/03	1,900	<5,000[1,2]	120	10	120	94	NT
	07/30/03	710	<5,000[1,2]	43	1.8	24	5.9	NT
	01/27/04	180	<5,000[1,2]	10	<0.5	3.2	10	NT
	07/22/04	<50	<5,000[1,2]	0.90	<0.5	<0.5	<0.5	NT
	01/20/05	96	<5,000[1,2]	1.3	<0.5	1.5	1.0	NT
	07/20/05	430	<5,000[1,2]	17	1.5	2.3	1.2	NT
	01/26/06	120	<5,000[1,2]	5.3	<0.5	0.64	3.3	NT
	07/27/06	89	<5,000[1,2]	3.1	<0.5	1.9	3.1	NT
	01/25/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/19/07	100	<5,000[1,2]	1.1	<0.5	<0.5	<0.5	NT
	02/15/08	460	<5,000[1,2]	25	0.75	3.7	3.2	NT
	07/25/08	<50	<5,000[1,2]	0.66	<0.5	<0.5	<0.5	<0.5
	01/23/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/21/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	01/25/10	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/29/10	170	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/31/11	<50	<5,000	<0.50	<0.50	<0.50	0.60	NT
	07/12/11	410	<5,000	1.3	<0.50	0.55	<0.50	NT
	01/17/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/16/12	60	<5,000	1.6	<0.50	<0.50	<0.50	NT
	01/14/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/15/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/31/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-3	07/22/00	230	<5,000[1,2]	0.89	2.4	ND	ND	NT
(shallow)	01/29/01	450	<5,000[1]	1.1	1.6	11	3.6	NT
	07/28/01	<50	<5,000[1]	<0.5	ND	ND	ND	NT
	02/03/02	98	<5,000[1]	<0.5	ND	ND	ND	NT
	07/23/02	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	01/20/03	700	<5,000[1]	1.6	0.56	41	21	NT
	07/30/03	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	01/27/04	85	<5,000[1]	<0.5	<0.5	<0.5	0.87	NT
	07/22/04	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	01/20/05	440	<5,000[1]	0.81	0.67	7.1	2.6	NT
	07/20/05	130	<5,000[1]	<0.5	1.2	<0.5	<0.5	NT
	01/26/06	790	<5,000[1]	1.0	1.0	12	3.4	NT
	07/27/06	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	01/25/07	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	07/19/07	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	02/15/08	74	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	07/25/08	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	07/21/09	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	NT
	01/25/10	150	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/29/10	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/31/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/12/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/17/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/16/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/14/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/15/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/31/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-4	07/22/00	2,700	7,000[1,2]	940	14	31	12	NT
(deep)	01/29/01	2500	<5,000[1,2]	980	11	35	5	NT
	07/28/01	1,100	90,000[1,2]	250	6.3	19	4.8	NT
	02/03/02	2,100	7,400[1,2]	890	23	41	20	NT
	07/23/02	1,200	<5,000[1,2]	490	11	22	8.8	NT
	01/20/03	1,900	<5,000[1,2]	740	11	32	12	NT
	07/30/03	1,700	<5,000[1,2]	440	8.9	18	6.1	NT
	01/27/04	1,100	31,000[1,2]	350	10	17	5.0	NT
	07/22/04	910	54,000[1,2]	210	7.9	19	6.5	NT
	01/20/05	1,900	<5,000[1,2]	550	36	63	43	NT
	07/20/05	1,300	<5,000[1,2]	310	11	36	12	NT
	01/26/06	1,900	26,000[1,2]	500	16	40	12	NT
	07/27/06	980	85,000[1,2]	340	13	18	8.8	NT
	01/24/07	910	7,100[1,2]	230	5	15	4	NT
	07/18/07	960	<5,000[1,2]	150	3.9	9.9	3.4	NT
	02/15/08	1,500	12,000[1,2]	310	12	18	11	NT
	07/25/08	1,000	7,800[1,2]	54	3.1	5.5	2.0	4.7
	01/23/09	1,000	<5,000[1,2]	200	5	9.3	2.3	NT
	07/20/09	940	12,000[1,2]	230	8.8	6.5	8.0	NT
	01/25/10	1,000	29,000[1,2]	240	6.9	20	8.9	NT
	07/29/10	1,000	<5,000	190	7.8	15	4.0	NT
	01/31/11	1,300	20,000 / <5,000[3]	280	14	17	4.6	NT
	07/12/11	1,300	<5,000	88	5.8	18	0.84	NT
	01/17/12	950	<5,000	40	2.1	6.6	0.99	NT
	07/16/12	1,100	42,000 / 26,000[3]	130	9.8	12	4.1	NT
	01/14/13	1,600	18000 / 16,000[3]	350	38	47	51.6	NT
	07/15/13	890	<5,000	62	4.5	10	2.74	NT
	01/31/14	740	<5,000	54	<2.0[1]	<2.0[1]	<2.0[1]	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-5	07/22/00	14,000	12,000[1,2]	290	140	770	630	NT
(deep)	01/29/01	8,200	11,000[1,2]	180	42	420	250	NT
	07/28/01	9,100	<5,000[1,2]	190	67	540	430	NT
	02/03/02	11,000	<5,000[1]	250	160	730	540	NT
	07/23/02	6,400	<5,000[1]	160	67	540	390	NT
	01/20/03	7,300	<5,000[1,2]	190	80	480	310	NT
	07/30/03	8,700	<5,000[1,2]	170	35	470	300	NT
	01/27/04	7,600	<5,000[1]	220	50	460	290	NT
	07/22/04	10,000	<5,000[1]	200	38	510	400	NT
	01/20/05	8,500	<5,000[1,2]	130	63	430	280	NT
	07/20/05	7,900	<5,000[1,2]	110	47	350	250	NT
	01/26/06	8,000	<5,000[1]	170	53	410	270	NT
	07/27/06	5,300	<5,000[1]	110	35	380	250	NT
	01/25/07	1,300	<5,000[1,2]	17	6.1	34	46	NT
	07/19/07	10,000	<5,000[1,2]	99	15	250	200	NT
	02/15/08	9,900	<5,000[1,2]	120	26	290	200	NT
	07/25/08	5,600	<5,000[1,2]	120	20	210	190	16
	01/23/09	6,600	<5,000[1,2]	68	18	220	110	NT
	07/21/09	5,600	<5,000[1]	81	21	210	160	NT
	01/25/10	2,800	<5,000[1,2]	32	11	100	64	NT
	07/29/10	2,900	<5,000	23	6.9	130	70.6	NT
	01/31/11	4,400	<5,000	25	12	170	78.1	NT
	07/12/11	5,700	<5,000	30	11	190	89	NT
	01/17/12	4,000	<5,000	25	5.4	150	54.1	NT
	07/16/12	3,700	<5,000	28	6.4	140	52.0	NT
	01/14/13	2,100	<5,000	11	8.1	90	41.3	NT
	07/15/13	3,900	<5,000	27	5.1	110	31.2	NT
	01/31/14	1,600	<5,000	13	1.0	6.5	2.2	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-6	07/22/00	2,200	<5,000[1,2]	290	9.6	80	43	NT
(shallow)	01/29/01	2,500	<5,000[1,2]	220	11	150	230	NT
	07/28/01	NA	<5,000[1,2]	NA	NA	NA	NA	NA
	02/03/02	2,500	<5,000[1,2]	290	18	88	330	NT
	07/23/02	1,100	<5,000[1,2]	160	6.5	54	35	NT
	01/20/03	3,800	<5,000[1,2]	370	33	220	300	NT
	07/30/03	2,000	<5,000[1,2]	250	4.8	50	24	NT
	01/27/04	2,600	<5,000[1,2]	420	20	170	180	NT
	07/22/04	1,200	<5,000[1,2]	110	3.2	36	17	NT
	01/20/05	3,100	<5,000[1,2]	280	21	180	250	NT
	07/20/05	730	<5,000[1,2]	66	4.4	25	26	NT
	01/26/06	1,900	<5,000[1,2]	180	12	120	140	NT
	07/27/06	670	<5,000[1,2]	120	5	17	15	NT
	01/25/07	650	<5,000[1,2]	99	2.7	20	16	NT
	07/19/07	4,200	<5,000[1,2]	360	18	47	55	NT
	02/15/08	2,100	<5,000[1,2]	200	10	100	97	NT
	07/25/08	370	<5,000[1,2]	27	3.1	2.2	2.7	<0.5
	01/23/09	330	<5,000[1,2]	69	3.6	11	8.1	NT
	07/21/09	290	<5,000[1,2]	40	1.9	9.3	7.8	NT
	01/25/10	740	<5,000[1,2]	80	4.9	54	62	NT
	07/29/10	220	<5,000	25	0.68	7.3	4.9	NT
	01/31/11	1,100	<5,000	85	5.3	75	69.4	NT
	07/12/11	610	<5,000	47	2.5	34	27	NT
	01/17/12	81	<5,000	13	0.62	4.6	5.8	NT
	07/16/12	500	<5,000	26	0.97	14	10.48	NT
	01/14/13	700	<5,000	65	3.9	64	53.0	NT
	07/15/13	390	<5,000	22	1.3	18	17.1	NT
	01/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-7	07/22/00	7,400	10,000[1,2]	620	180	240	180	NT
(deep)	01/29/01	4,000	7,000[1,2]	410	21	22	21	NT
	07/28/01	4,200	<5,000[1,2]	540	120	110	110	NT
	02/03/02	6,300	<5,000[1,2]	560	110	190	140	NT
	07/23/02	3,400	<5,000[1,2]	440	6.3	87	61	NT
	01/20/03	4,500	<5,000[1,2]	380	32	30	36	NT
	07/30/03	5,300	<5,000[1,2]	460	34	43	52	NT
	01/27/04	3,000	<5,000[1,2]	350	15	13	18	NT
	07/22/04	3,600	<5,000[1,2]	440	10	10	25	NT
	01/20/05	3,200	19,000[1,2]	320	31	29	34	NT
	07/20/05	8,400	<5,000[1,2]	550	230	300	410	NT
	01/26/06	3,300	32,000[1,2]	450	31	45	37	NT
	07/27/06	3,800	<5,000[1,2]	530	85	38	94	NT
	01/25/07	2,500	<5,000[1,2]	320	6.9	3.3	10	NT
	07/19/07	2,700	<5,000[1,2]	280	10	5.9	18	NT
	02/15/08	2,900	27,000[1,2]	230	15	12	18	NT
	07/25/08	3,700	<5,000[1,2]	400	25	26	87	10
	01/23/09	2,500	<5,000[1,2]	230	5.4	2.9	5.6	NT
	07/21/09	3,400	<5,000[1,2]	230	75	33	140	NT
	01/25/10	3,900	5,200[1,2]	260	15	5.2	24	NT
	07/29/10	3,600	<5,000	190	38	13	67.6	NT
	01/31/11	5,400	14,000 / <5,000[3]	210	29	13	28.7	NT
	07/12/11	5,500	<5,000	150	45	7.9	51.9	NT
	01/17/12	3,300	<5,000	150	8.5	2.1	12.3	NT
	07/16/12	4,200	<5,000	160	41	31	31.4	NT
	01/14/13	3,000	<5,000	180	25	8.2	27.6	NT
	07/15/13	3,300	<5,000	150	12	2.5	33.6	NT
	01/30/14	3,500	<5,000	180	3.6	<1.5[1]	4.9	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-8	07/22/00	ND	<5,000[1,2]	ND	ND	ND	ND	NT
(shallow)	01/29/01	ND	<5,000[1,2]	0.87	ND	ND	ND	NT
	07/28/01	ND	<5,000[1,2]	ND	ND	ND	ND	NT
	02/03/02	ND	<5,000[1,2]	ND	ND	ND	ND	NT
	07/23/02	<50	<5,000[1,2]	0.87	<0.5	<0.5	<0.5	NT
	01/20/03	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/30/03	<50	<5,000[1,2]	2.0	<0.5	<0.5	<0.5	NT
	01/27/04	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/22/04	<50	<5,000[1,2]	1.2	<0.5	<0.5	<0.5	NT
	01/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	01/26/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/27/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	01/25/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/19/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	02/15/08	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/25/08	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/21/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	01/25/10	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NT
	07/29/10	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/31/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/12/11	61	<5,000	1.1	<0.50	<0.50	<0.50	NT
	01/17/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/16/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/14/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	07/15/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT
	01/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	NT

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-9	07/22/00	4,900	71,000[1.2]	93	15	240	250	NT
(shallow)	01/29/01	3,800	5,000	160	35	260	310	NT
	07/28/01	5,700	<5,000[1,2]	43	27	210	420	NT
	02/03/02	7,800	<5,000[1,2]	98	51	450	640	NT
	07/23/02	2,300	<5,000[1,2]	29	14	120	96	NT
	01/20/03	5,000	<5,000[1]	76	25	350	340	NT
	07/30/03	570	<5,000[1,2]	7.2	1.2	14	4.8	NT
	01/27/04	820	<5,000[1,2]	14	2.6	35	35	NT
	07/22/04	460	<5,000[1,2]	5.3	1.2	4.0	7.2	NT
	01/20/05	330	<5,000[1,2]	6.2	1.5	8.9	12	NT
	07/20/05	260	<5,000[1,2]	1.7	2.0	<0.5	1.2	NT
	01/26/06	260	<5,000[1]	1.0	2.9	<0.5	0.64	NT
	07/27/06	410	<5,000[1]	1.1	1.4	0.52	<0.5	NT
	01/24/07	440	<5,000[1]	1.4	1.5	2.9	7.5	NT
	07/18/07	300	<5,000[1]	1.4	2.4	0.51	<0.5	NT
	02/15/08	490	<5,000[1]	2.8	5.2	7.1	22	NT
	07/25/08	520	<5,000[1]	1.0	4.1	0.63	<0.5	<0.5
	01/23/09	250	<5,000[1]	<0.5	3.7	<0.5	1.5	NT
	07/20/09	910	<5,000[1,2]	2.5	4.8	2.6	2.4	NT
	01/25/10	550	<5,000[1,2]	2.2	6.5	11	33	NT
	07/29/10	670	<5,000	<0.50	<0.50	<0.50	1.1	NT
	01/31/11	560	<5,000	<0.50	<0.50	<0.50	0.80	NT
	07/12/11	930	<5,000	<0.50	<0.50	2.6	5.1	NT
	01/17/12	1,400	<5,000	<0.50	<0.50	2.8	4.8	NT
	07/16/12	430	<5,000	<0.50	<0.50	0.58	0.72	NT
	01/14/13	2,100	<5,000	<0.50	0.64	28	35.6	NT
	07/15/13	1,800	<5,000	0.58	<0.50	3.1	3.5	NT
	01/30/14	--	--	--	--	--	--	--

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)

Legend/Key:

GRO = Gasoline range organics
ND= "not-detected" or below the Method Detection Limits
Oil and Grease = analyzed by EPA Method 1664A.
GRO = analyzed by EPA Method 8015B/8260B; all other analytes sampled by EPA Method 8260B
-- = Not analyzed
NA= Not available
NT= Not tested
µg/L = micrograms per liter
[1]=Gravimetric Method
[2]= HVOC detected
[3]= Reported as HEM / SGT HEM

TABLE 3
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)
MW-1	07/25/08	NA	NA	NA	NA	NA	NA	NA	NA	NA
(deep)	01/23/09	<5.0	61	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0
	07/21/09	<10.0	80	<10.0	<10.0	<10.0	<10,000	<1,000	<10.0	<10.0
	01/25/10	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0
	07/29/10	Not Sampled - Free Product present								
	01/31/11	Not Sampled - Free Product present								
	07/12/11	Not Sampled - Free Product present								
	01/17/12	Not Sampled - Free Product present								
	07/16/12	<10	<200	<20	<20	<20	NS	NS	<20	<40
	01/14/13	<40[1]	<800[1]	<80[1]	<80[1]	<80[1]	NS	NS	<80[1]	<160[1]
	07/15/13	<20[1]	<400[1]	<40[1]	<40[1]	<40[1]	NS	NS	<40[1]	<80[1]
	01/30/14	<20[1]	<400[1]	<40[1]	<40[1]	<40[1]	NS	NS	<40[1]	<80[1]
MW-2	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	1.3	<0.5
(deep)	01/23/09	<0.5	2.4	<0.5	<0.5	<0.5	<500	<50	7.8	<0.5
	07/21/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	9.7	<0.5
	01/25/10	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	3.8	<0.5
	07/29/10	<0.50	<10	<1.0	<1.0	<1.0	<5,000	<5,000	1.2	<2.0
	01/31/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	9.5	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/31/14	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
MW-3	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
(shallow)	01/23/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/21/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	01/25/10	<0.5	2.4	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/29/10	<0.50	<10	<1.0	<1.0	<1.0	<5,000	<5,000	<1.0	<2.0
	01/31/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/31/14	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
MW-4	07/25/08	12	34	<2.5	<2.5	<2.5	<2,500	<250	<2.5	<2.5
(deep)	01/23/09	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<0.5
	07/21/09	6.9	19	<2.5	<2.5	<2.5	<2,500	<250	<2.5	<2.5
	01/25/10	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<0.5
	07/29/10	3.9	21	<2.0	<2.0	<2.0	<5,000	<5,000	<2.0	<4.0
	01/31/11	3.9	<30	<3.0	<3.0	<3.0	NS	NS	<3.0	<6.0
	07/12/11	3.1	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	3.1	16	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	2.8	<30	<3.0	<3.0	<3.0	NS	NS	<3.0	<6.0
	01/14/13	3.1	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	NS	NS	<3.0[1]	<6.0[1]
	07/15/13	3.6	16	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/31/14	4.6	<40[1]	<4.0[1]	<4.0[1]	<4.0[1]	NS	NS	<4.0[1]	<8.0[1]

TABLE 3
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)
MW-5	07/25/08	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<0.5
(deep)	01/23/09	<1.0	16	<1.0	<1.0	<1.0	<1,000	<100	2.6	<1.0
	07/21/09	<2.5	<10	<2.5	<2.5	<2.5	<2500	<250	<2.5	<2.5
	01/25/10	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/29/10	<1.0	<20	<2.0	<2.0	<2.0	<5,000	<5,000	<2.0	<4.0
	01/31/11	<1.0	<20	<2.0	<2.0	<2.0	NS	NS	<2.0	<4.0
	07/12/11	<2.5	<50	<5.0	<5.0	<5.0	NS	NS	<5.0	<10
	01/17/12	<1.0	<20	<2.0	<2.0	<2.0	NS	NS	<2.0	<4.0
	07/16/12	<1.0	<20	<2.0	<2.0	<2.0	NS	NS	<2.0	<4.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<1.0[1]	26	<2.0[1]	<2.0[1]	<2.0[1]	NS	NS	<2.0[1]	<4.0[1]
	01/31/14	<0.50	17	<1.0	<1.0	<1.0	NS	NS	6.2	<2.0
MW-6	07/25/08	<0.5	9.1	<0.5	<0.5	<0.5	<500	<50	0.75	<0.5
(shallow)	01/23/09	<0.5	8.6	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/21/09	<0.5	8.2	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	01/25/10	<0.5	7.4	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/29/10	<0.50	<10	<1.0	<1.0	<1.0	<5,000	<5,000	<1.0	<2.0
	01/31/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/30/14	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	1.4	<2.0
MW-7	07/25/08	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0
(deep)	01/23/09	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0
	07/21/09	<2.5	<10	<2.5	<2.5	<2.5	<2500	<250	<2.5	<2.5
	01/25/10	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<0.5
	07/29/10	<5.0	<100	<10	<10	<10	<5,000	<5,000	<10	<20
	01/31/11	<1.5	<30	<3.0	<3.0	<3.0	NS	NS	<3.0	<6.0
	07/12/11	<2.0	<40	<4.0	<4.0	<4.0	NS	NS	<4.0	<8.0
	01/17/12	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	NS	NS	<2.0[1]	<4.0[1]
	07/16/12	<1.0[1]	22	<2.0[1]	2.0	<2.0[1]	NS	NS	<2.0[1]	<4.0[1]
	01/14/13	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	NS	NS	<2.0[1]	<4.0[1]
	07/15/13	<2.0[1]	40	<4.0[1]	<4.0[1]	<4.0[1]	NS	NS	<4.0[1]	<8.0[1]
	01/30/14	<1.5[1]	35	<3.0[1]	<3.0[1]	<3.0[1]	NS	NS	<3.0[1]	<6.0[1]

TABLE 3
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)
MW-8	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
(shallow)	01/23/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/21/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	01/25/10	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/29/10	<0.50	<10	<1.0	<1.0	<1.0	<5,000	<5,000	<1.0	<2.0
	01/31/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/30/14	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
MW-9	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	0.75	<0.5
(shallow)	01/23/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/21/09	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	01/25/10	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5
	07/29/10	<0.50	<10	<1.0	<1.0	<1.0	<5,000	<5,000	<1.0	<2.0
	01/31/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	NS	NS	<1.0	<2.0
	01/30/14	--	--	--	--	--	NS	NS	--	--

Legend/Key:

MTBE = Methyl tertiary butyl ether

TBA = Tertiary butyl alcohol

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

1,2-EDB = Ethylene Dibromide (1,2-Dibromoethane)

NS= Not Sampled

-- = Not Analyzed

µg/L = micrograms per liter

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

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-1	07/22/00[1]	<2.5	16.0	<2.5	15	<2.5	<2.5	<5.0	<2.5	8.2
(deep)	01/29/01[1]	<10.0	23.0	<10	23	<10.0	<10.0	<10.0	<10.0	<10.0
	07/28/01[1]	7.4	9.0	0.97	14	6.4	0.95	<0.5	<0.5	15
	02/03/02[1]	5.5	10.0	1.4	23	5.5	0.59	<0.5	<0.5	7.4
	07/23/02[1]	<10.0	2.5	<10.0	15	<10.0	<10.0	<10.0	<10.0	<10.0
	01/20/03	<10.0	11	<10.0	36	<10.0	<10.0	<10.0	<10.0	11
	07/30/03	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
	01/27/04	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
	07/22/04	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
	01/20/05[1]	81	<5.0	<5.0	27	<5.0	<5.0	<5.0	<5.0	32
	07/20/05[1]	<5.0	9.8	<5.0	14	<5.0	<5.0	<5.0	<5.0	15
	01/26/06	<25	<25	<25	<25	<25	<25	<25	<25	<25
	07/27/06[1]	26	<10	<10	12	<10	<10	<10	<10	20
	01/25/07	<10	<10	<10	<10	<10	<10	<10	<10	<10
	07/19/07	<500	<500	<500	<500	<500	<500	<500	<500	<500
	02/15/08	<5	<5	<5	14	<5	<5	<5	<5	16
	07/25/08[1]	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000
	01/23/09	<5	<5	<5	6.4	<5	<5	<5	<5	<5
	07/21/09	<10	<10	<10	<10	<10	<10	<10	<10	<10
	01/25/10	<5	<5	<5	11	<5	<5	<5	<5	<5
	07/29/10	Not Sampled - Free Product present								
	01/31/11	Not Sampled - Free Product present								
	07/12/11	Not Sampled - Free Product present								
	01/17/12	Not Sampled - Free Product present								
	07/16/12	<20	<20	<20	<20	<20	<20	<20	<20	<20
	01/14/13	<320[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]
	07/15/13	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]
	01/30/14	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]
MW-2	07/22/00	<0.5	<0.5	17	10	<0.5	1.2	<0.5	12.0	<0.5
(deep)	01/29/01	<0.5	<0.5	12	9.1	<0.5	0.9	<0.5	12.0	<0.5
	07/28/01	<0.5	<0.5	9.7	7.8	<0.5	0.95	<0.5	12.0	<0.5
	02/03/02	<0.5	<0.5	7.1	6.7	<0.5	0.72	<0.5	9.0	<0.5
	07/23/02	<0.5	<0.5	1.7	2.1	<0.5	<0.5	<0.5	0.97	<0.5
	01/20/03	<0.5	<0.5	1.6	2.0	<0.5	<0.5	<0.5	<0.5	<0.5
	07/30/03	<0.5	<0.5	1.7	1.4	<0.5	<0.5	<0.5	<0.5	<0.5
	01/27/04	<0.5	<0.5	14	8.9	<0.5	<0.5	<0.5	9.4	<0.5
	07/22/04	<0.5	<0.5	6.6	6.5	<0.5	<0.5	<0.5	8.0	<0.5
	01/20/05	<0.5	<0.5	8.7	7.8	<0.5	0.69	<0.5	12.0	<0.5
	07/20/05	<0.5	<0.5	2.0	2.1	<0.5	<0.5	<0.5	1.2	<0.5
	01/26/06	<0.5	<0.5	10	7.7	<0.5	0.69	<0.5	13.0	<0.5
	07/27/06	<0.5	<0.5	13	10	<0.5	0.88	<0.5	13.0	<0.5
	01/25/07	<0.5	<0.5	5.5	9.1	<0.5	0.64	<0.5	16.0	<0.5
	07/19/07	<0.5	<0.5	5.3	4.6	<0.5	<0.5	<0.5	7.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	2.1	<0.5
	07/25/08	<0.5	<0.5	1.3	1.5	<0.5	<0.5	<0.5	4.8	<0.5
	01/23/09	<0.5	<0.5	7.8	9.4	<0.5	0.88	<0.5	16	<0.5
	07/21/09	<0.5	<0.5	9.7	8.3	<0.5	0.89	<0.5	15	<0.5
	01/25/10	<0.5	<0.5	3.8	4.8	<0.5	<0.5	<0.5	9.0	<0.5
	07/29/10	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	9.5	6.5	<1.0	<1.0	<1.0	12	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-3	07/22/00	<0.5	<0.5	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
(shallow)	01/29/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/28/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/03/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/30/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/27/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/22/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/27/06[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/21/09	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/29/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-4	07/22/00	<10	38	<10	620	<10	<10	<10	19	97
(deep)	01/29/01	<5.0	35	<5.0	380	15	<5.0	<5.0	19	97
	07/28/01	<7.5	29	<5.0	310	18	<5.0	<5.0	8.4	150
	02/03/02[1]	<7.0	22	<7.0	310	16	<7.0	<7.0	20	120
	07/23/02	<0.5	30	<0.5	240	17	<0.5	<0.5	<0.5	230
	01/20/03	<10.0	28	<10.0	200	16	<10.0	<10.0	69	84
	07/30/03	<10.0	32	<10.0	230	13	<10.0	<10.0	13	290
	01/27/04[1]	<5.0	41	<5.0	370	25	<5.0	<5.0	32	310
	07/22/04[1]	<5.0	23	<5.0	120	13	<5.0	<5.0	9.6	280
	01/20/05[1]	<5.0	28	<5.0	320	23	<5.0	<5.0	81	130
	07/20/05[1]	<5.0	32	<5.0	230	18	<5.0	<5.0	<5.0	170
	01/26/06[1]	<5.0	31	<5.0	320	22	<5.0	<5.0	39	330
	07/27/06[1]	<5.0	24	<5.0	180	24	<5.0	<5.0	19	390
	01/25/07	<5.0	25	<5.0	170	15	<5.0	<5.0	<10	380
	07/19/07[1]	<5.0	28	<5.0	180	27	<5.0	<5.0	21	460
	02/15/08[1]	<5.0	31	<5.0	200	25	<5.0	<5.0	22	130
	07/25/08[1]	5.5	18	<2.5	110	17	<2.5	<2.5	21	87
	01/23/09[1]	<5.0	27	<5.0	150	23	<5.0	<5.0	<5.0	190
	07/21/09[1]	<2.5	22	<2.5	84	14	<2.5	<2.5	15	150
	01/25/10[1]	<5.0	25	<5.0	210	28	<5.0	<5.0	<5.0	240
	07/29/10	<2.0	23	<2.0	51	17	<2.0	<2.0	<2.0	190
	01/31/11	<3.0	22	<3.0	93	18	<3.0	<3.0	<3.0	160
	07/12/11	<1.0	18	<1.0	52	17	<1.0	<1.0	<1.0	100
	01/17/12	<1.0	20	<1.0	54	16	<1.0	<1.0	2.5	130
	07/16/12	<3.0[2]	17	<3.0[2]	30	17	<3.0[2]	<3.0[2]	<3.0[2]	250
	01/14/13	<3.0[2]	26	<3.0[2]	280	23	<3.0[2]	<3.0[2]	6.2	130
	07/15/13	<1.0	<1.0	<1.0	99	23	<1.0	<1.0	1.8	110
	01/31/14	<4.0[2]	21	<4.0[2]	360	24	<4.0[2]	<4.0[2]	28	110

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-5	07/22/00	1.8	2.4	1.4	2.6	<1.0	<1.0	<1.0	<1.0	5.0
(deep)	01/29/01	<1.0	2.2	2.6	2.2	<1.0	<1.0	<1.0	<1.0	2.2
	07/28/01	1.4	1.3	1.7	1.4	<1.0	<1.0	<1.0	<1.0	2.6
	02/3/02[1]	1.8	2.0	2.1	3.9	0.95	<0.5	<0.5	<0.5	4.6
	07/23/02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/20/03	<1.0	1.4	1.4	1.6	<1.0	<1.0	<1.0	<1.0	1.3
	07/30/03	<1.0	1.2	1.1	1.0	<1.0	<1.0	<1.0	<1.0	2.0
	01/27/04[1]	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/22/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/20/05	1.1	0.84	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/20/05	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/26/06	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	07/27/06	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/07	<0.5	<0.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07	<0.5	0.51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/23/09	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/21/09	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
	07/29/10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/31/11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/12/11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/17/12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/16/12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]
	01/31/14	<1.0	<1.0	6.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-6	07/22/00	<0.5	<0.5	1.2	9.3	<0.5	<0.5	<0.5	<0.5	0.97
(shallow)	01/29/01	<0.5	<0.5	1.1	11	<0.5	<0.5	<0.5	<0.5	0.77
	07/28/01	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/03/02	<0.5	<0.5	1.5	13	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<1.0	<1.0	<1.0	9.3	<1.0	<1.0	<1.0	<1.0	<1.0
	01/20/03	<1.0	<1.0	1.8	14	<1.0	<1.0	<1.0	<1.0	<1.0
	07/30/03	<1.0	<0.5	1.3	7.6	<0.5	<0.5	<0.5	<0.5	2.7
	01/27/04[1]	<2.5	<2.5	<2.5	8.4	<2.5	<2.5	<2.5	<2.5	3.2
	07/22/04	<0.5	<0.5	1.3	3.3	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05	<0.5	<0.5	0.99	8.7	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	<0.5	0.79	4.5	<0.5	<0.5	<0.5	<0.5	0.65
	01/26/06	<0.5	<0.5	0.81	6.2	<0.5	<0.5	<0.5	<0.5	1.90
	07/27/06	<0.5	<0.5	0.82	4.4	<0.5	<0.5	<0.5	<0.5	1.10
	01/25/07	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	1.30
	07/19/07	<0.5	<0.5	0.73	2.2	<0.5	<0.5	<0.5	<0.5	1.30
	02/15/08	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	0.79
	07/25/08	<0.5	<0.5	0.75	0.81	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	<0.5	<0.5	0.53	<0.5	<0.5	<0.5	<0.5	<0.5
	07/21/09	<0.5	<0.5	<0.5	0.66	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10	<0.5	<0.5	<0.5	0.94	<0.5	<0.5	<0.5	<0.5	<0.5
	08/02/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/30/14	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-7	07/22/00[1]	<5	18	<5	170	<5	<5	<5	8	<5
(deep)	01/29/01[1]	<5	18	<5	170	<5	<5	<5	8	<5
	07/28/01[1]	<5	11	<5	170	<5	<5	<5	6.9	6.1
	02/03/02	<5.0	<5.0	<5.0	94	<5.0	<5.0	<5.0	30	<5.0
	07/23/02	<10.0	12.0	<10.0	180	<10.0	<10.0	<10.0	<10.0	<10.0
	01/20/03	<2.5	<2.5	<2.5	50	<2.5	<2.5	11	<2.5	<2.5
	07/30/03	<2.5	<2.5	<2.5	130	<2.5	<2.5	<2.5	<2.5	9.5
	01/27/04	<5.0	<5.0	<5.0	130	<5.0	<5.0	<5.0	20	24
	07/22/04	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0
	01/20/05	<2.5	2.7	<2.5	110	<2.5	<2.5	<2.5	20	28
	07/20/05	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<5.0	29
	01/26/06	<5.0	<5.0	<5.0	110	<5.0	<5.0	<5.0	19	37
	07/27/06	<5.0	<5.0	<5.0	350	<5.0	<5.0	<5.0	<5.0	55
	01/25/07	<0.5	<0.5	<0.5	29	<0.5	<0.5	<0.5	<0.5	5.9
	07/19/07[1]	<0.5	<0.5	<0.5	210	<0.5	<0.5	<0.5	<0.5	31
	02/15/08[1]	<0.5	5.5	<0.5	220	<0.5	<0.5	<0.5	28	20
	07/25/08	<5.0	<5.0	<5.0	99	<5.0	<5.0	<5.0	<5.0	<5.0
	01/23/09	<5.0	<5.0	<5.0	190	<5.0	<5.0	<5.0	<5.0	26
	07/21/09	<2.5	<2.5	<2.5	82	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/10	<5.0	<5.0	<5.0	98	<5.0	<5.0	<5.0	<5.0	19
	07/29/10	<10	<10	<10	810	<10	<10	<10	<10	70
	01/31/11	<3.0	<3.0	<3.0	100	<3.0	<3.0	<3.0	5.1	24
	07/12/11	<4.0	<4.0	<4.0	190	<4.0	<4.0	<4.0	<4.0	43
	01/17/12	<2.0[2]	<2.0[2]	<2.0[2]	65	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	30
	07/16/12	<2.0[2]	<2.0[2]	<2.0[2]	180	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	52
	01/14/13	<2.0[2]	5.8	<2.0[2]	280	2.8	<2.0[2]	<2.0[2]	3.5	80
	07/15/13	<4.0[2]	<4.0[2]	<4.0[2]	67	<4.0[2]	<4.0[2]	<4.0[2]	<4.0[2]	56
	01/30/14	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	64
MW-8	07/22/00	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	2.4	1.6	<0.5
(shallow)	01/29/01	<0.5	<0.5	<0.5	10	<0.5	<0.5	<5.0	8.8	<0.5
	07/28/01	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	<1.5	2.1	<0.5
	02/03/02	<0.5	<0.5	<0.5	6.6	<0.5	<0.5	3.3	4.6	<0.5
	07/23/02	<0.5	<0.5	<0.5	8.4	<0.5	<0.5	3.5	5.2	<0.5
	01/20/03	<0.5	<0.5	<0.5	7.3	<0.5	<0.5	6	6.7	<0.5
	07/30/03	<0.5	<0.5	<0.5	25	<0.5	<0.5	15	20	<0.5
	01/27/04	<0.5	<0.5	<0.5	4	<0.5	<0.5	3.1	3.1	<0.5
	07/22/04	<0.5	<0.5	<0.5	20	<0.5	<0.5	8.3	13	<0.5
	01/20/05	<0.5	<0.5	<0.5	6.5	<0.5	<0.5	5.2	5.1	<0.5
	07/20/05	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	1.4	1.2	<0.5
	01/26/06	<0.5	<0.5	<0.5	7.3	<0.5	<0.5	6.6	6.2	<0.5
	07/27/06	<0.5	<0.5	<0.5	10	<0.5	<0.5	6.8	7.3	<0.5
	01/25/07	<0.5	<0.5	<0.5	11	<0.5	<0.5	6.3	6.9	<0.5
	07/19/07	<0.5	<0.5	<0.5	0.52	<0.5	<0.5	0.94	0.73	<0.5
	02/15/08	<0.5	<0.5	<0.5	7.5	<0.5	<0.5	5.6	5.4	<0.5
	07/25/08	<0.5	<0.5	<0.5	0.58	<0.5	<0.5	<0.5	0.50	<0.5
	01/23/09	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	2.7	3.3	<0.5
	07/21/09	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	1.8	2.3	<0.5
	01/25/10	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	1.2	1.2	<0.5
	07/29/10	<1.0	<1.0	<1.0	7.3	<1.0	<1.0	5.1	5.3	1.1
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	31	<1.0	<1.0	12	15	2.4
	01/17/12	<1.0	<1.0	<1.0	21	<1.0	<1.0	12	13	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	2.7	3.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	1.7	1.3	<1.0
	01/30/14	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	2.4	2.4	<1.0

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-9	07/22/00	<1	1.4	<1	1.6	<1	<1	<1	<1	<1
(shallow)	01/29/01	<0.5	1.2	0.71	<0.5	8.2	<0.5	<5.0	<0.5	0.53
	07/28/01	<0.5	0.87	<0.5	0.92	<0.5	<0.5	<5.0	2.5	<0.5
	02/03/02	<0.5	1.2	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<2.5	3.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/20/03	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/30/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/27/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/22/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/27/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07[1]	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<0.5	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	0.69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/09	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/29/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
	01/30/14	--	--	--	--	--	--	--	--	--

Legend/Key:

CA= Chloroethane
1,2-DCB= 1,2-Dichlorobenzene
1,2-DCA= 1,2-dichloroethane
cis-1,2-DCE= cis-1,2-dichloroethene
trans-1,2-DCE= -1,2-dichloroethene
1,2-DCP =1,2-dichloropropane
PCE= Tetrachloroethene (perchloroethene)
TCE= trichloroethene
VC= vinyl chloride
ND= "not-detected" or below the Method Detection Limits
NA= Not Available
-- = Not analyzed
ft msl = feet above mean sea level
µg/L = micrograms per liter
[1] = Additional detections of VOCs noted, refer to GRIMIT/SEMINARY1-10GWSMPLREPORT, dated February 3, 2010.
[2] = Reporting limits were increased due to high concentrations of target analytes.
Note: The table presents the analytical results of select chemical parameters based on historical presence at the site.

TABLE 5

FREE PRODUCT MEASUREMENT AND REMOVAL SUMMARY

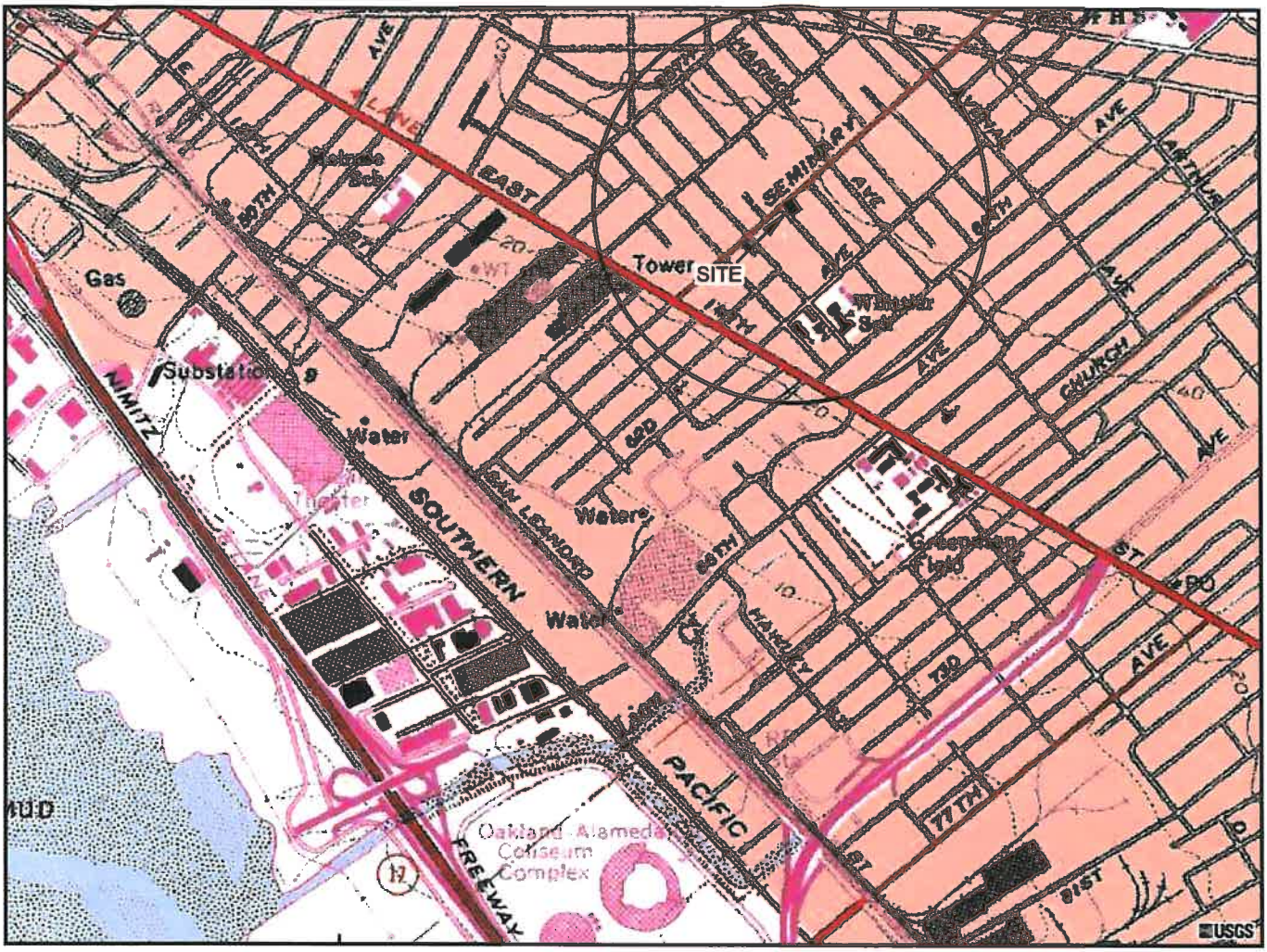
Grimit Auto Repair & Service

1970 Seminary Avenue, Oakland, California

Well Number	Date	Product Thickness (feet)	Amount Recovered* (gallons)
MW-1	07/12/11	0.30	0.0
	08/02/11	0.25	3.0
	08/18/11	0.09	1.0
	08/23/11	0.10	1.0
	09/06/11	0.13	1.0
	01/17/12	0.06	0.0
	07/15/13	0.05	0.0
	01/30/14	0.20	0.0
			6.0
	09/29/11	0.13	0.0
	Installed product absorbent sock in well on 9/29/11		

Note:

* = Free product / water mixture through 9/6/11



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
OAKLAND, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1996

N

QUADRANGLE LOCATION

0 1800 FT

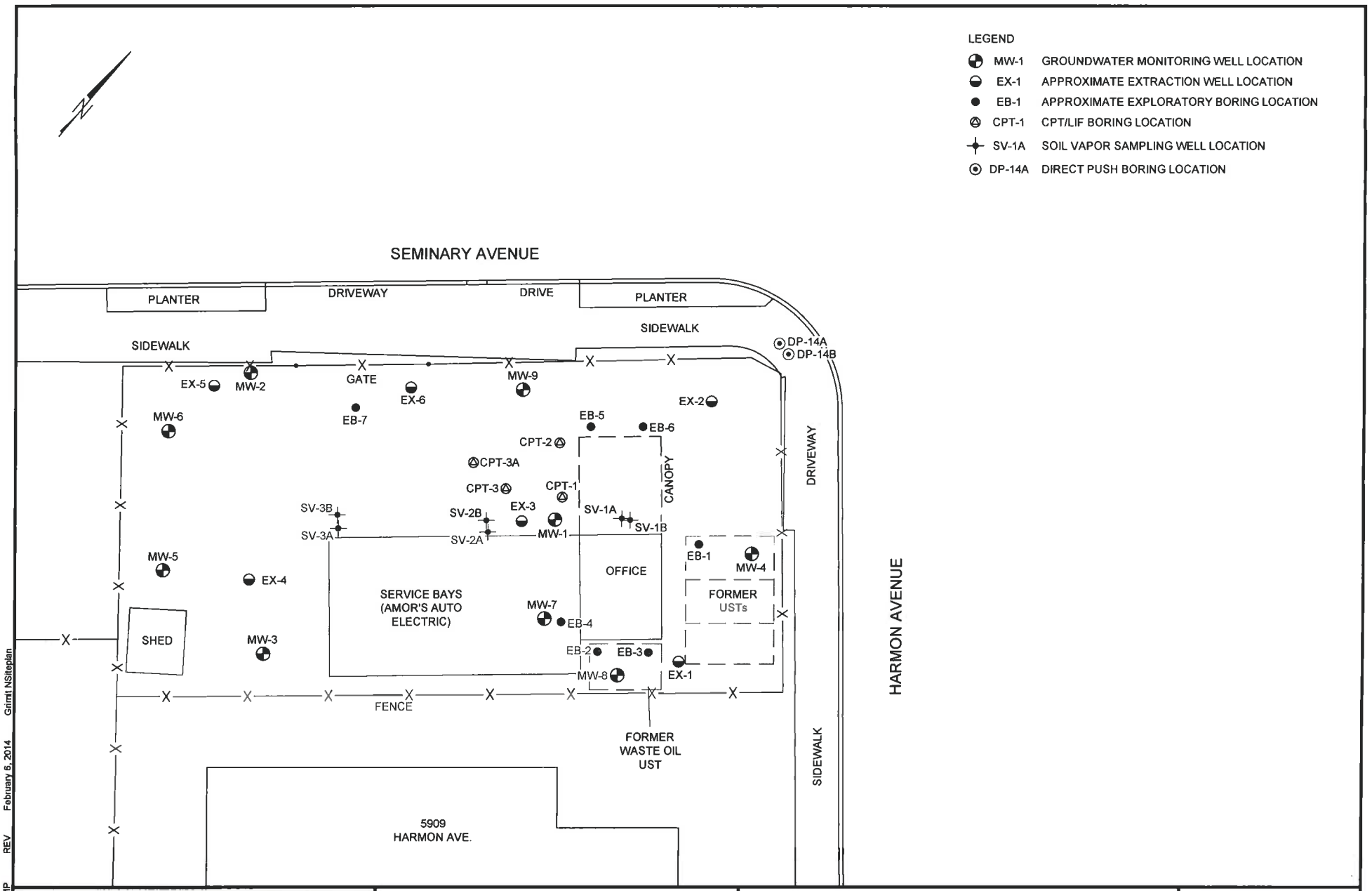
APPROXIMATE SCALE

STRATUS
ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE
1
PROJECT NO.
2090-1970-01



JMP REV February 6, 2014 Grimit NSiteplan Grimit Auto

STRATUS ENVIRONMENTAL, INC.

0 20 FT

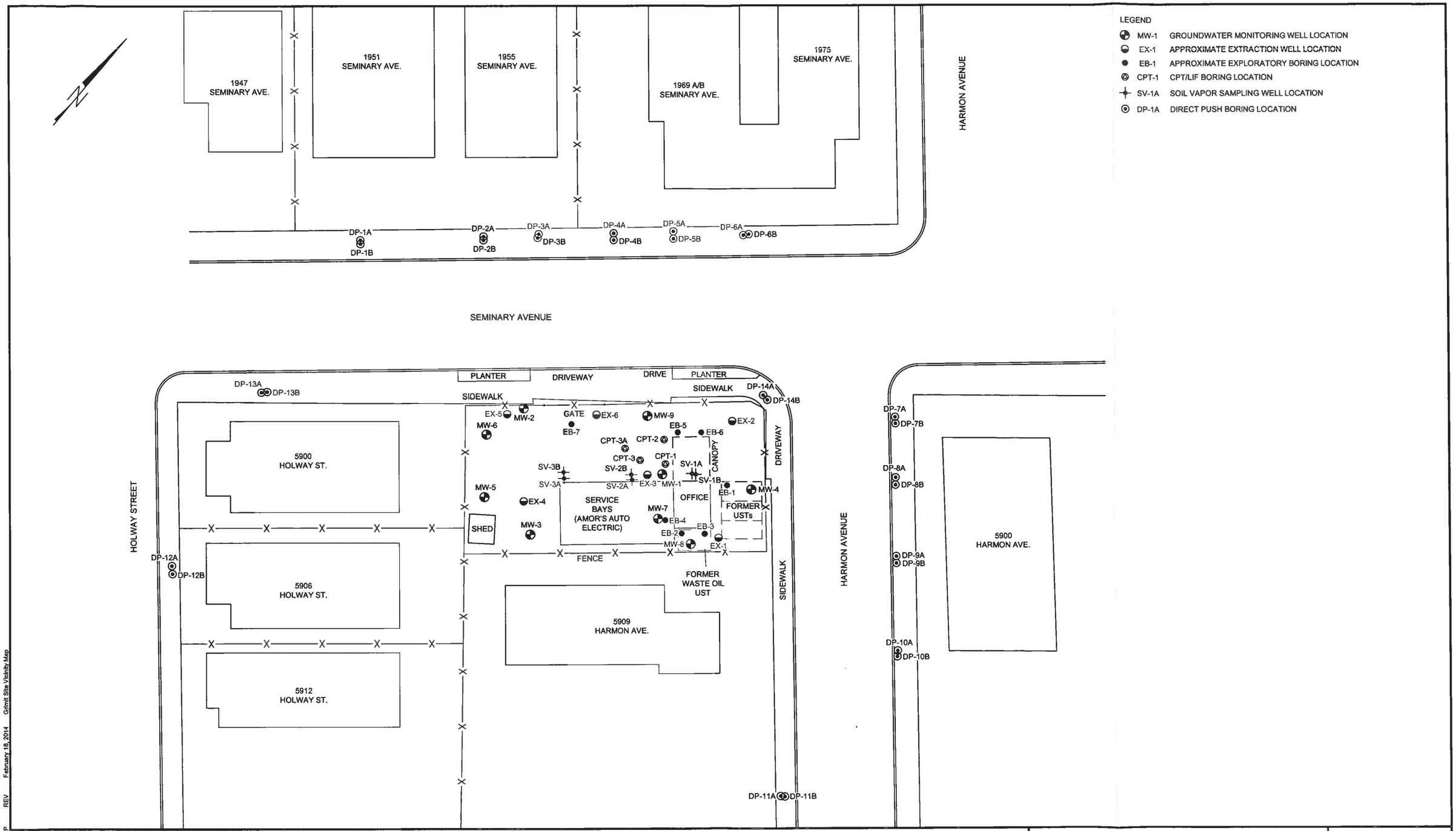
SCALE

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE PLAN

FIGURE
2

PROJECT NO.
2090-1970-1



Grimit Site Vicinity Map
February 18, 2014
REV
JMP
Grimit Auto

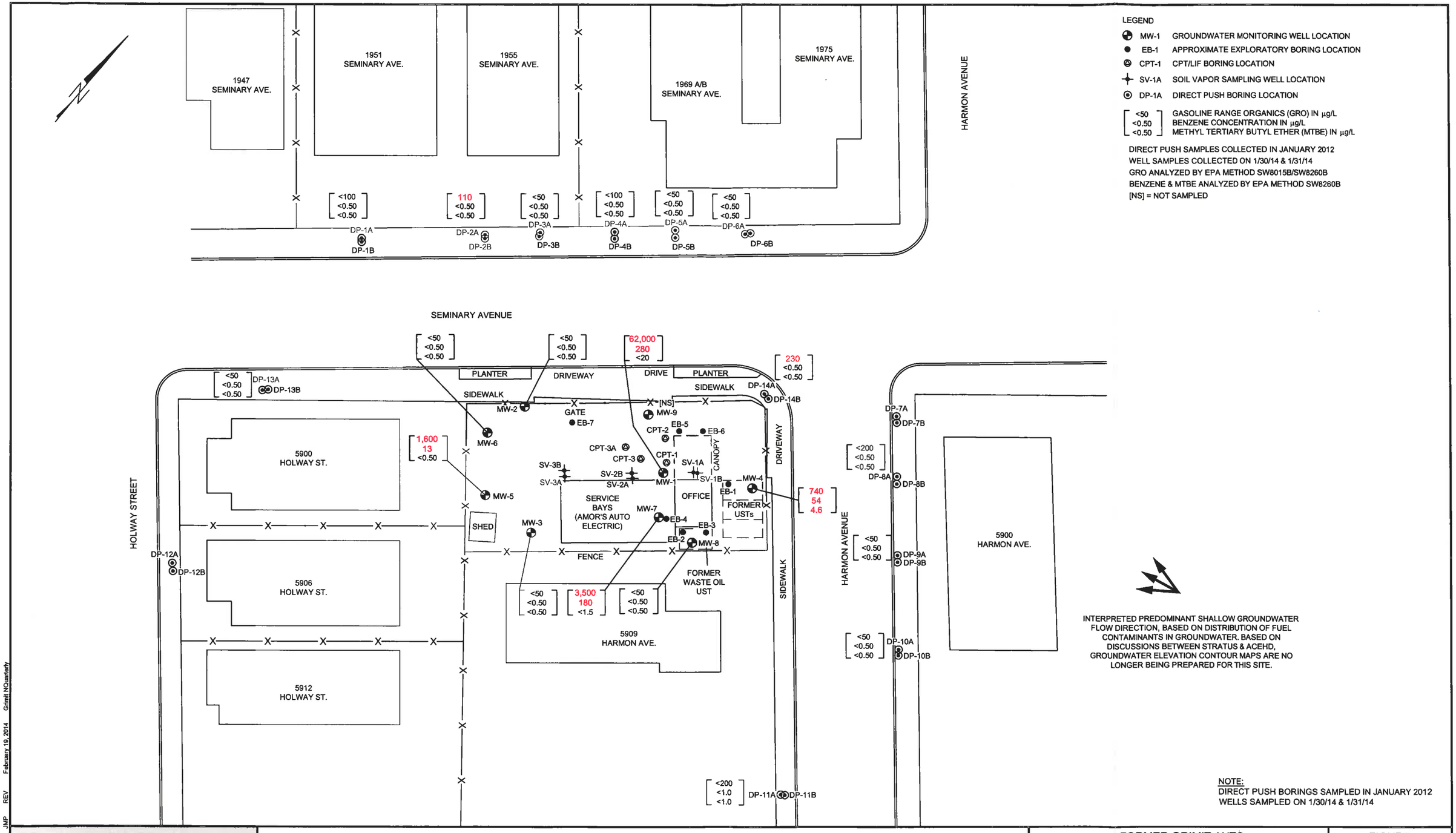
STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE VICINITY MAP

FIGURE
3

PROJECT NO.
2090-1970-1



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION
- EB-1 APPROXIMATE EXPLORATORY BORING LOCATION
- CPT-1 CPT/LIF BORING LOCATION
- SV-1A SOIL VAPOR SAMPLING WELL LOCATION
- DP-1A DIRECT PUSH BORING LOCATION

[<50 / <0.50 / <0.50] GASOLINE RANGE ORGANICS (GRO) IN µg/L; BENZENE CONCENTRATION IN µg/L; METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

DIRECT PUSH SAMPLES COLLECTED IN JANUARY 2012
WELL SAMPLES COLLECTED ON 1/30/14 & 1/31/14
GRO ANALYZED BY EPA METHOD SW8015B/SW8260B
BENZENE & MTBE ANALYZED BY EPA METHOD SW8260B
[NS] = NOT SAMPLED

INTERPRETED PREDOMINANT SHALLOW GROUNDWATER FLOW DIRECTION, BASED ON DISTRIBUTION OF FUEL CONTAMINANTS IN GROUNDWATER. BASED ON DISCUSSIONS BETWEEN STRATUS & ACEHD, GROUNDWATER ELEVATION CONTOUR MAPS ARE NO LONGER BEING PREPARED FOR THIS SITE.

NOTE:
DIRECT PUSH BORINGS SAMPLED IN JANUARY 2012
WELLS SAMPLED ON 1/30/14 & 1/31/14

STRATUS ENVIRONMENTAL, INC.

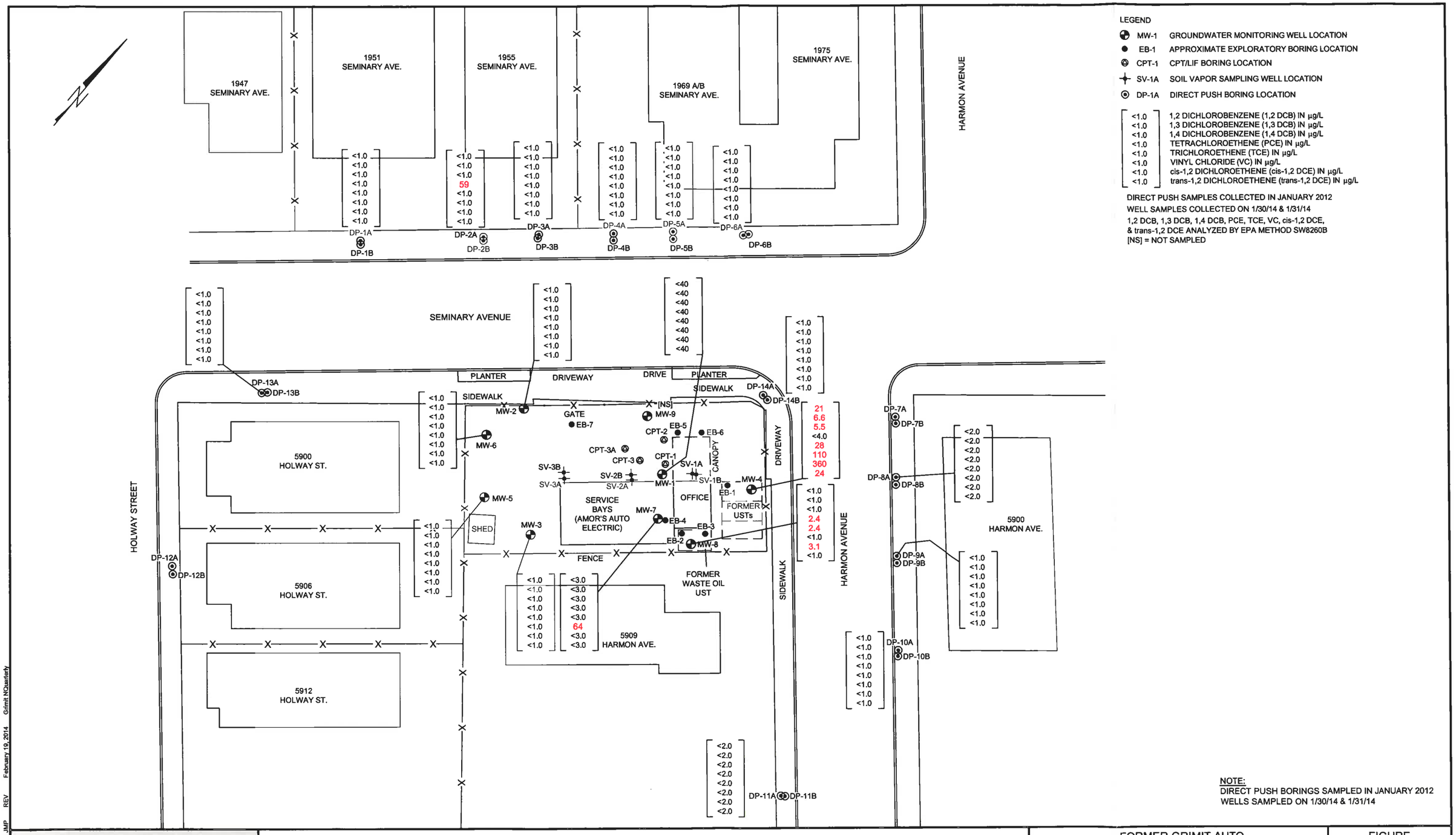
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
PETROLEUM HYDROCARBON GROUNDWATER ANALYTICAL SUMMARY ABOVE 40' bgs

FIGURE 4

PROJECT NO. 2090-1970-01

JMP REV February 19, 2014 Grimit NQuarterly

Grimit Auto\Quarterly



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION
- EB-1 APPROXIMATE EXPLORATORY BORING LOCATION
- CPT-1 CPT/LIF BORING LOCATION
- SV-1A SOIL VAPOR SAMPLING WELL LOCATION
- DP-1A DIRECT PUSH BORING LOCATION

<1.0	1,2 DICHLOROBENZENE (1,2 DCB) IN µg/L
<1.0	1,3 DICHLOROBENZENE (1,3 DCB) IN µg/L
<1.0	1,4 DICHLOROBENZENE (1,4 DCB) IN µg/L
<1.0	TETRACHLOROETHENE (PCE) IN µg/L
<1.0	TRICHLOROETHENE (TCE) IN µg/L
<1.0	VINYL CHLORIDE (VC) IN µg/L
<1.0	cis-1,2 DICHLOROETHENE (cis-1,2 DCE) IN µg/L
<1.0	trans-1,2 DICHLOROETHENE (trans-1,2 DCE) IN µg/L

DIRECT PUSH SAMPLES COLLECTED IN JANUARY 2012
WELL SAMPLES COLLECTED ON 1/30/14 & 1/31/14
1,2 DCB, 1,3 DCB, 1,4 DCB, PCE, TCE, VC, cis-1,2 DCE, & trans-1,2 DCE ANALYZED BY EPA METHOD SW8260B
[NS] = NOT SAMPLED

NOTE:
DIRECT PUSH BORINGS SAMPLED IN JANUARY 2012
WELLS SAMPLED ON 1/30/14 & 1/31/14

STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
HALOGENATED VOC
GROUNDWATER ANALYTICAL SUMMARY
ABOVE 40' bgs

FIGURE
5
PROJECT NO.
2090-1970-01

JMP REV February 19, 2014 Grimit NQuarterly
Grimit Auto\Quarterly

APPENDIX A

FIELD DATA SHEETS

STRATUS ENVIRONMENTAL, INC.

Site Address 1970 Seminary Avenue
City Oakland
Sampled by: Carl Schulze
Signature

Site Number Grimit Auto
Project Number 2090-1970-01
Project PM Scott Bittinger
DATE 01/30 - 01/31/14

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
MW-1	0822	23.25	23.45	34.34	10.89	2"	0.5	5.45	5.5		x		dry	29.20	MW-1	1151 31	4.14
MW-2	0751		17.11	34.85	17.74	2"	0.5	8.87	9		x			21.23	MW-2	1146 30	3.77
MW-3	0812		16.70	20.18	3.48	2"	0.5	1.74	2		x		low	18.98	MW-3	1132 31	5.08
MW-4	0804		23.47	34.62	11.15	2"	0.5	5.58	5		x		dry	29.26	MW-4	0730 30	3.69
MW-5	0810		22.92	34.71	11.79	2"	0.5	5.90	6		x		dry	31.35	MW-5	1319 31	3.57
MW-6	0755		14.69	18.35	3.66	2"	0.5	1.84	2		x			15.14	MW-6	1255 30	4.27
MW-7	0835		27.19	32.65	5.46	2"	0.5	2.73	3		x			27.85	MW-7	0947 30	3.98
MW-8	0807		5.20	18.90	13.70	2"	0.5	6.85	7		x			5.21	MW-8	1059 30	4.22
MW-9	0758		17.20	19.81	2.61	2"	0.5	1.31	1		x		dry	—	MW-9	NS	N/A

MW-9: purged dry, no recharge overnight, not sampled

All wells allowed to recharge at least 3 hrs or overnight
not all wells recharged to 80%

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

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

CALIBRATION DATE
pH 01/03/14
Conductivity
DO

T:\Forms

STRATUS ENVIRONMENTAL, INC.

Site Address: 1970 Seminary Ave
City: Oakland
Sampled By: Carl Schulze
Signature:

Site Number: Grimit Auto
Project Number: 2090-1970-01
Project PM: Scott Bittinger
DATE: 01/30 - 01/31/14

Well ID MW-7				01/30
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 0932	16.9	7.45	123.9	0
time 0937	16.9	7.61	128.0	1.5
time 0947	16.5	7.77	123.1	3
time				
purge stop time DO: 3.68			ORP N/A	

Well ID MW-4				01/30
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 1015	18.5	7.85	121.7	0
time 1020	18.7	7.77	125.1	2
time -	N/A	N/A	N/A	4
time 0730 01/31	16.6	8.83	119.8	dry 8.5
purge stop time DO: 3.69			ORP N/A	

Well ID MW-8				01/30
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 1043	15.8	8.19	90.3	6
time 1046	15.2	8.13	90.8	2
time 1056	15.1	8.10	90.8	4
time 1059	15.1	8.06	91.2	7
purge stop time DO: 4.22			ORP N/A	

Well ID MW-2				01/30
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 1130	17.7	7.75	126.9	0
time 1134	18.0	7.73	130.6	3
time 1137	18.1	7.72	132.4	6
time 1146	17.6	8.91	134.3	9
purge stop time DO: 3.77			ORP N/A	

Well ID MW-6				01/30
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 1245	16.6	8.45	131.0	0
time 1248	16.5	8.32	132.6	1
time 1255	16.3	8.27	136.8	2
time				
purge stop time DO: 4.27			ORP N/A	

Well ID MW-9				01/30
Purge start time			Odor	(Y) N
	Temp C	pH	cond	gallons
time 1320	17.3	8.33	125.0	0
time	No Recharge			dry 1
time				NS
time				
purge stop time DO: N/A			ORP N/A	

Well ID MW-3				01/31
Purge start time			Odor	Y (N)
	Temp C	pH	cond	gallons
time 0754	14.9	8.92	114.5	0
time 0757	18.3	8.58	120.2	1
time 1132	17.2	8.35	97.3	2
time				
purge stop time DO: 5.08			ORP N/A	

Well ID MW-5				01/31
Purge start time			Odor	(Y) N
	Temp C	pH	cond	gallons
time 1048	17.5	8.57	147.2	0
time 1052	17.1	8.54	123.6	2
time 1057	17.2	8.42	116.0	4
time 1119	18.1	8.44	132.9	1
purge stop time DO 3.57			ORP N/A	

STRATUS ENVIRONMENTAL, INC.

Site Address 1970 Seminary Ave
City Oakland
Sampled By: Carl Schulze
Signature [signature]

Site Number Grimit Auto
Project Number 2090-1970-01
Project PM Scott Bittinger
DATE 01/30 - 01/31/14

Well ID MW-1				01/31
Purge start time			Odor	(Y) N
	Temp C	pH	cond	gallons
time 0859	16.5	8.72	108.9	0
time 0903	17.0	8.57	97.9	2
time 0907	17.0	8.48	97.0	4
time				5.5
purge stop time	DO: 4.14		ORP	N/A

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

Well ID				
Purge start time			Odor	Y N
	Temp C	pH	cond	gallons
time				
time				
time				
time				
purge stop time			ORP	

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

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

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

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

Subjective Analysis of Ground Water

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

Monitoring Well Purging and Sampling

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

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

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

QUALITY ASSURANCE PLAN

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

General Sample Collection and Handling Procedures

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

Soil and Water Sample Labeling and Preservation

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

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

Sample Identification and Chain-of-Custody Procedures

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

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

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

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

Equipment Cleaning

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

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

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

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

Internal Quality Assurance Checks

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

- Laboratory Quality Assurance

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

- Field Quality Assurance

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

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

Types of Quality Control Checks

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

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

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

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

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

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

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

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/04/14

Job: 2090-1970-01/Grimit Auto

Oil and Grease, HEM
EPA Method 1664A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-1				
Lab ID : STR14020441-01A Oil & Grease, HEM	320,000	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/30/14 11:51				
Client ID: MW-2				
Lab ID : STR14020441-02A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/31/14 11:46				
Client ID: MW-3				
Lab ID : STR14020441-03A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/31/14 11:32				
Client ID: MW-4				
Lab ID : STR14020441-04A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/31/14 07:30				
Client ID: MW-5				
Lab ID : STR14020441-05A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/31/14 13:19				
Client ID: MW-6				
Lab ID : STR14020441-06A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/30/14 12:55				
Client ID: MW-7				
Lab ID : STR14020441-07A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/30/14 09:47				
Client ID: MW-8				
Lab ID : STR14020441-08A Oil & Grease, HEM	ND	5,000 µg/L	02/06/14	02/06/14
Date Sampled 01/30/14 10:59				

HEM = Hexane Extractable Material

ND = Not Detected
Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com
Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.
Alpha Analytical, Inc currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

2/11/14
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/04/14

Job: 2090-1970-01/Grimit Auto

Oil and Grease, SGT-HEM
EPA Method 1664A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-1				
Lab ID : STR14020441-01A Oil & Grease, SGT-HEM	190,000	5,000 µg/L	02/07/14	02/07/14
Date Sampled 01/30/14 11:51				

SGT-HEM = Silica Gel Treated Hexane Extractable Material

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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2/11/14
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/04/14

Job: 2090-1970-01/Grimit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B

		Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	MW-1					
Lab ID :	STR14020441-01A	TPH-P (GRO)	62,000	4,000 µg/L	02/05/14	02/05/14
Date Sampled	01/30/14 11:51					
Client ID :	MW-2					
Lab ID :	STR14020441-02A	TPH-P (GRO)	ND	50 µg/L	02/07/14	02/07/14
Date Sampled	01/31/14 11:46					
Client ID :	MW-3					
Lab ID :	STR14020441-03A	TPH-P (GRO)	ND	50 µg/L	02/05/14	02/05/14
Date Sampled	01/31/14 11:32					
Client ID :	MW-4					
Lab ID :	STR14020441-04A	TPH-P (GRO)	740	400 µg/L	02/05/14	02/05/14
Date Sampled	01/31/14 07:30					
Client ID :	MW-5					
Lab ID :	STR14020441-05A	TPH-P (GRO)	1,600	100 µg/L	02/05/14	02/05/14
Date Sampled	01/31/14 13:19					
Client ID :	MW-6					
Lab ID :	STR14020441-06A	TPH-P (GRO)	ND	50 µg/L	02/05/14	02/05/14
Date Sampled	01/30/14 12:55					
Client ID :	MW-7					
Lab ID :	STR14020441-07A	TPH-P (GRO)	3,500	300 µg/L	02/05/14	02/05/14
Date Sampled	01/30/14 09:47					
Client ID :	MW-8					
Lab ID :	STR14020441-08A	TPH-P (GRO)	ND	50 µg/L	02/05/14	02/05/14
Date Sampled	01/30/14 10:59					

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

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2/11/14
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-01A
Client I.D. Number: MW-1

Sampled: 01/30/14 11:51
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	160 µg/L
2	Vinyl chloride	ND	40 µg/L
3	Chloroethane	ND	40 µg/L
4	Bromomethane	ND	160 µg/L
5	Trichlorofluoromethane	ND	40 µg/L
6	1,1-Dichloroethene	ND	40 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	400 µg/L
8	Dichloromethane	ND	160 µg/L
9	trans-1,2-Dichloroethene	ND	40 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	20 µg/L
11	1,1-Dichloroethane	ND	40 µg/L
12	Di-Isopropyl Ether (DIPE)	ND	40 µg/L
13	cis-1,2-Dichloroethene	ND	40 µg/L
14	Chloroform	ND	40 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	40 µg/L
16	1,2-Dichloroethane	ND	40 µg/L
17	1,1,1-Trichloroethane	ND	40 µg/L
18	Carbon tetrachloride	ND	40 µg/L
19	Benzene	280	20 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	40 µg/L
21	1,2-Dichloropropane	ND	40 µg/L
22	Trichloroethene	ND	40 µg/L
23	Bromodichloromethane	ND	40 µg/L
24	cis-1,3-Dichloropropene	ND	40 µg/L
25	trans-1,3-Dichloropropene	ND	40 µg/L
26	1,1,2-Trichloroethane	ND	40 µg/L
27	Toluene	220	20 µg/L
28	Dibromochloromethane	ND	40 µg/L
29	1,2-Dibromoethane (EDB)	ND	80 µg/L
30	Tetrachloroethene	ND	40 µg/L
31	Chlorobenzene	ND	40 µg/L
32	Ethylbenzene	1,200	20 µg/L
33	m,p-Xylene	750	20 µg/L
34	Bromoform	ND	40 µg/L
35	o-Xylene	67	20 µg/L
36	1,1,2,2-Tetrachloroethane	ND	40 µg/L
37	1,3-Dichlorobenzene	ND	40 µg/L
38	1,4-Dichlorobenzene	ND	40 µg/L
39	1,2-Dichlorobenzene	ND	40 µg/L

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

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255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-02A
Client I.D. Number: MW-2

Sampled: 01/31/14 11:46
Received: 02/04/14
Extracted: 02/07/14
Analyzed: 02/07/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L	26	1,1,2-Trichloroethane	ND	1.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L	27	Toluene	ND	0.50 µg/L
3	Chloroethane	ND	1.0 µg/L	28	Dibromochloromethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L	29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L	30	Tetrachloroethene	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L	31	Chlorobenzene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	32	Ethylbenzene	ND	0.50 µg/L
8	Dichloromethane	ND	2.0 µg/L	33	m,p-Xylene	ND	0.50 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L	34	Bromoform	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	35	o-Xylene	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	37	1,3-Dichlorobenzene	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	ND	1.0 µg/L	38	1,4-Dichlorobenzene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L	39	1,2-Dichlorobenzene	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L				
16	1,2-Dichloroethane	ND	1.0 µg/L				
17	1,1,1-Trichloroethane	ND	1.0 µg/L				
18	Carbon tetrachloride	ND	1.0 µg/L				
19	Benzene	ND	0.50 µg/L				
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L				
21	1,2-Dichloropropane	ND	1.0 µg/L				
22	Trichloroethene	ND	1.0 µg/L				
23	Bromodichloromethane	ND	1.0 µg/L				
24	cis-1,3-Dichloropropene	ND	1.0 µg/L				
25	trans-1,3-Dichloropropene	ND	1.0 µg/L				

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-03A
Client I.D. Number: MW-3

Sampled: 01/31/14 11:32
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L
8	Dichloromethane	ND	2.0 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L
16	1,2-Dichloroethane	ND	1.0 µg/L
17	1,1,1-Trichloroethane	ND	1.0 µg/L
18	Carbon tetrachloride	ND	1.0 µg/L
19	Benzene	ND	0.50 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L
21	1,2-Dichloropropane	ND	1.0 µg/L
22	Trichloroethene	ND	1.0 µg/L
23	Bromodichloromethane	ND	1.0 µg/L
24	cis-1,3-Dichloropropene	ND	1.0 µg/L
25	trans-1,3-Dichloropropene	ND	1.0 µg/L
26	1,1,2-Trichloroethane	ND	1.0 µg/L
27	Toluene	ND	0.50 µg/L
28	Dibromochloromethane	ND	1.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
30	Tetrachloroethene	ND	1.0 µg/L
31	Chlorobenzene	ND	1.0 µg/L
32	Ethylbenzene	ND	0.50 µg/L
33	m,p-Xylene	ND	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	ND	0.50 µg/L
36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
37	1,3-Dichlorobenzene	ND	1.0 µg/L
38	1,4-Dichlorobenzene	ND	1.0 µg/L
39	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

ACLASS ACCREDITED DoD ELAP

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-04A
Client I.D. Number: MW-4

Sampled: 01/31/14 07:30
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	16 µg/L
2	Vinyl chloride	110	4.0 µg/L
3	Chloroethane	ND	4.0 µg/L
4	Bromomethane	ND	16 µg/L
5	Trichlorofluoromethane	ND	4.0 µg/L
6	1,1-Dichloroethene	ND	4.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	40 µg/L
8	Dichloromethane	ND	16 µg/L
9	trans-1,2-Dichloroethene	24	4.0 µg/L
10	Methyl tert-butyl ether (MTBE)	4.6	2.0 µg/L
11	1,1-Dichloroethane	ND	4.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	4.0 µg/L
13	cis-1,2-Dichloroethene	360	4.0 µg/L
14	Chloroform	ND	4.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	4.0 µg/L
16	1,2-Dichloroethane	ND	4.0 µg/L
17	1,1,1-Trichloroethane	ND	4.0 µg/L
18	Carbon tetrachloride	ND	4.0 µg/L
19	Benzene	54	2.0 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	4.0 µg/L
21	1,2-Dichloropropane	ND	4.0 µg/L
22	Trichloroethene	28	4.0 µg/L
23	Bromodichloromethane	ND	4.0 µg/L
24	cis-1,3-Dichloropropene	ND	4.0 µg/L
25	trans-1,3-Dichloropropene	ND	4.0 µg/L
26	1,1,2-Trichloroethane	ND	4.0 µg/L
27	Toluene	ND	2.0 µg/L
28	Dibromochloromethane	ND	4.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	8.0 µg/L
30	Tetrachloroethene	ND	4.0 µg/L
31	Chlorobenzene	ND	4.0 µg/L
32	Ethylbenzene	ND	2.0 µg/L
33	m,p-Xylene	ND	2.0 µg/L
34	Bromoform	ND	4.0 µg/L
35	o-Xylene	ND	2.0 µg/L
36	1,1,2,2-Tetrachloroethane	ND	4.0 µg/L
37	1,3-Dichlorobenzene	6.6	4.0 µg/L
38	1,4-Dichlorobenzene	5.5	4.0 µg/L
39	1,2-Dichlorobenzene	21	4.0 µg/L

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-05A
Client I.D. Number: MW-5

Sampled: 01/31/14 13:19
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	4.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	4.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	17	10 µg/L
8	Dichloromethane	ND	4.0 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L
16	1,2-Dichloroethane	6.2	1.0 µg/L
17	1,1,1-Trichloroethane	ND	1.0 µg/L
18	Carbon tetrachloride	ND	1.0 µg/L
19	Benzene	13	0.50 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L
21	1,2-Dichloropropane	ND	1.0 µg/L
22	Trichloroethene	ND	1.0 µg/L
23	Bromodichloromethane	ND	1.0 µg/L
24	cis-1,3-Dichloropropene	ND	1.0 µg/L
25	trans-1,3-Dichloropropene	ND	1.0 µg/L
26	1,1,2-Trichloroethane	ND	1.0 µg/L
27	Toluene	1.0	0.50 µg/L
28	Dibromochloromethane	ND	1.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
30	Tetrachloroethene	ND	1.0 µg/L
31	Chlorobenzene	ND	1.0 µg/L
32	Ethylbenzene	6.5	0.50 µg/L
33	m,p-Xylene	2.2	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	ND	0.50 µg/L
36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
37	1,3-Dichlorobenzene	ND	1.0 µg/L
38	1,4-Dichlorobenzene	ND	1.0 µg/L
39	1,2-Dichlorobenzene	ND	1.0 µg/L

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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2/11/14
Report Date

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-06A
Client I.D. Number: MW-6

Sampled: 01/30/14 12:55
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L
8	Dichloromethane	ND	2.0 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L
12	Di-Isopropyl Ether (DIPE)	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L
16	1,2-Dichloroethane	1.4	1.0 µg/L
17	1,1,1-Trichloroethane	ND	1.0 µg/L
18	Carbon tetrachloride	ND	1.0 µg/L
19	Benzene	ND	0.50 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L
21	1,2-Dichloropropane	ND	1.0 µg/L
22	Trichloroethene	ND	1.0 µg/L
23	Bromodichloromethane	ND	1.0 µg/L
24	cis-1,3-Dichloropropene	ND	1.0 µg/L
25	trans-1,3-Dichloropropene	ND	1.0 µg/L
26	1,1,2-Trichloroethane	ND	1.0 µg/L
27	Toluene	ND	0.50 µg/L
28	Dibromochloromethane	ND	1.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
30	Tetrachloroethene	ND	1.0 µg/L
31	Chlorobenzene	ND	1.0 µg/L
32	Ethylbenzene	ND	0.50 µg/L
33	m,p-Xylene	ND	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	ND	0.50 µg/L
36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
37	1,3-Dichlorobenzene	ND	1.0 µg/L
38	1,4-Dichlorobenzene	ND	1.0 µg/L
39	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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2/11/14
Report Date

Alpha Analytical, Inc.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-07A
Client I.D. Number: MW-7

Sampled: 01/30/14 09:47
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	12 µg/L
2	Vinyl chloride	64	3.0 µg/L
3	Chloroethane	ND	3.0 µg/L
4	Bromomethane	ND	12 µg/L
5	Trichlorofluoromethane	ND	3.0 µg/L
6	1,1-Dichloroethene	ND	3.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	35	30 µg/L
8	Dichloromethane	ND	12 µg/L
9	trans-1,2-Dichloroethene	ND	3.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	1.5 µg/L
11	1,1-Dichloroethane	ND	3.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	3.0 µg/L
13	cis-1,2-Dichloroethene	ND	3.0 µg/L
14	Chloroform	ND	3.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	3.0 µg/L
16	1,2-Dichloroethane	ND	3.0 µg/L
17	1,1,1-Trichloroethane	ND	3.0 µg/L
18	Carbon tetrachloride	ND	3.0 µg/L
19	Benzene	180	1.5 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	3.0 µg/L
21	1,2-Dichloropropane	ND	3.0 µg/L
22	Trichloroethene	ND	3.0 µg/L
23	Bromodichloromethane	ND	3.0 µg/L
24	cis-1,3-Dichloropropene	ND	3.0 µg/L
25	trans-1,3-Dichloropropene	ND	3.0 µg/L
26	1,1,2-Trichloroethane	ND	3.0 µg/L
27	Toluene	3.6	1.5 µg/L
28	Dibromochloromethane	ND	3.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	6.0 µg/L
30	Tetrachloroethene	ND	3.0 µg/L
31	Chlorobenzene	ND	3.0 µg/L
32	Ethylbenzene	ND	1.5 µg/L
33	m,p-Xylene	4.9	1.5 µg/L
34	Bromoform	ND	3.0 µg/L
35	o-Xylene	ND	1.5 µg/L
36	1,1,2,2-Tetrachloroethane	ND	3.0 µg/L
37	1,3-Dichlorobenzene	ND	3.0 µg/L
38	1,4-Dichlorobenzene	ND	3.0 µg/L
39	1,2-Dichlorobenzene	ND	3.0 µg/L

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered an any way.

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

2/11/14
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: 2090-1970-01/Grimit Auto

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005

Alpha Analytical Number: STR14020441-08A
Client I.D. Number: MW-8

Sampled: 01/30/14 10:59
Received: 02/04/14
Extracted: 02/05/14
Analyzed: 02/05/14

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L
3	Chloroethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L
8	Dichloromethane	ND	2.0 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	3.1	1.0 µg/L
14	Chloroform	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L
16	1,2-Dichloroethane	ND	1.0 µg/L
17	1,1,1-Trichloroethane	ND	1.0 µg/L
18	Carbon tetrachloride	ND	1.0 µg/L
19	Benzene	ND	0.50 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L
21	1,2-Dichloropropane	ND	1.0 µg/L
22	Trichloroethene	2.4	1.0 µg/L
23	Bromodichloromethane	ND	1.0 µg/L
24	cis-1,3-Dichloropropene	ND	1.0 µg/L
25	trans-1,3-Dichloropropene	ND	1.0 µg/L
26	1,1,2-Trichloroethane	ND	1.0 µg/L
27	Toluene	ND	0.50 µg/L
28	Dibromochloromethane	ND	1.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
30	Tetrachloroethene	2.4	1.0 µg/L
31	Chlorobenzene	ND	1.0 µg/L
32	Ethylbenzene	ND	0.50 µg/L
33	m,p-Xylene	ND	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	ND	0.50 µg/L
36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
37	1,3-Dichlorobenzene	ND	1.0 µg/L
38	1,4-Dichlorobenzene	ND	1.0 µg/L
39	1,2-Dichlorobenzene	ND	1.0 µg/L

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

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2/11/14
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: STR14020441 **Job:** 2090-1970-01/Grimit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
14020441-01A	MW-1	Aqueous	2
14020441-02A	MW-2	Aqueous	2
14020441-03A	MW-3	Aqueous	2
14020441-04A	MW-4	Aqueous	2
14020441-05A	MW-5	Aqueous	2
14020441-06A	MW-6	Aqueous	2
14020441-07A	MW-7	Aqueous	2
14020441-08A	MW-8	Aqueous	2

2/11/14
Report Date

Alpha Analytical, Inc.

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

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

Date: *10-Feb-14*

QC Summary Report

Work Order: 14020441

Method Blank — Type: MBLK — Test Code: EPA Method 1664A

File ID: — Batch ID: W0206OG — Analysis Date: 02/06/2014 00:00

Sample ID: MBLK-W0206OG — Units: µg/L — Run ID: WETLAB_140206A — Prep Date: 02/06/2014 00:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	ND	5000								

Laboratory Control Spike — Type: LCS — Test Code: EPA Method 1664A

File ID: — Batch ID: W0206OG — Analysis Date: 02/06/2014 00:00

Sample ID: LCS-W0206OG — Units: µg/L — Run ID: WETLAB_140206A — Prep Date: 02/06/2014 00:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	39300	5000	40000		98	78	114			

Sample Matrix Spike — Type: MS — Test Code: EPA Method 1664A

File ID: — Batch ID: W0206OG — Analysis Date: 02/06/2014 00:00

Sample ID: 14020520-01AMS — Units: µg/L — Run ID: WETLAB_140206A — Prep Date: 02/06/2014 00:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	35100	5000	40000	0	88	78	114			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

HEM = Hexane Extractable Material

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

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Date: *11-Feb-14*

QC Summary Report

Work Order: 14020441

Method Blank Type **MBLK** Test Code: **EPA Method 1664A**

File ID: Batch ID: **W0207SG** Analysis Date: **02/07/2014 00:00**

Sample ID: **MBLK-W0207SG** Units : µg/L Run ID: **WETLAB_140207C** Prep Date: **02/07/2014 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	ND	5000								

Laboratory Control Spike Type **LCS** Test Code: **EPA Method 1664A**

File ID: Batch ID: **W0207SG** Analysis Date: **02/07/2014 00:00**

Sample ID: **LCS-W0207SG** Units : µg/L Run ID: **WETLAB_140207C** Prep Date: **02/07/2014 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	35500	5000	40000		89	64	132			

Laboratory Control Spike Duplicate Type **LCSD** Test Code: **EPA Method 1664A**

File ID: Batch ID: **W0207SG** Analysis Date: **02/07/2014 00:00**

Sample ID: **LCSD-W0207SG** Units : µg/L Run ID: **WETLAB_140207C** Prep Date: **02/07/2014 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	36100	5000	40000		90	64	132	35500	1.7(34)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

SGT-HEM = Silica Gel Treated Hexane Extractable Material

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

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

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

Date: 10-Feb-14

QC Summary Report

Work Order: 14020441

Method Blank

Type MBLK Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14020504.D Batch ID: MS09W0205B Analysis Date: 02/05/2014 09:52

Sample ID: MBLK MS09W0205B Units : µg/L Run ID: MSD_09_140205A Prep Date: 02/05/2014 09:52

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.12		10		91	70	130			
Surr: Toluene-d8	11.1		10		111	70	130			
Surr: 4-Bromofluorobenzene	9.65		10		97	70	130			

Laboratory Control Spike

Type LCS Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14020503.D Batch ID: MS09W0205B Analysis Date: 02/05/2014 09:17

Sample ID: GLCS MS09W0205B Units : µg/L Run ID: MSD_09_140205A Prep Date: 02/05/2014 09:17

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	369	50	400		92	70	130			
Surr: 1,2-Dichloroethane-d4	9.43		10		94	70	130			
Surr: Toluene-d8	10.6		10		106	70	130			
Surr: 4-Bromofluorobenzene	9.61		10		96	70	130			

Sample Matrix Spike

Type MS Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14020526.D Batch ID: MS09W0205B Analysis Date: 02/05/2014 18:19

Sample ID: 14020542-01AGS Units : µg/L Run ID: MSD_09_140205A Prep Date: 02/05/2014 18:19

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1910	250	2000	0	95	54	143			
Surr: 1,2-Dichloroethane-d4	53		50		106	70	130			
Surr: Toluene-d8	51.2		50		102	70	130			
Surr: 4-Bromofluorobenzene	45.5		50		91	70	130			

Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14020527.D Batch ID: MS09W0205B Analysis Date: 02/05/2014 18:42

Sample ID: 14020542-01AGSD Units : µg/L Run ID: MSD_09_140205A Prep Date: 02/05/2014 18:42

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1660	250	2000	0	83	54	143	1907	14.1(23)	
Surr: 1,2-Dichloroethane-d4	52.6		50		105	70	130			
Surr: Toluene-d8	52.1		50		104	70	130			
Surr: 4-Bromofluorobenzene	45.4		50		91	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

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Date: *10-Feb-14*

QC Summary Report

Work Order: 14020441

Method Blank

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

File ID: **14020504.D** Batch ID: **MS09W0205A** Analysis Date: **02/05/2014 09:52**

Sample ID: **MBLK MS09W0205A** Units : µg/L Run ID: **MSD_09_140205A** Prep Date: **02/05/2014 09:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Tertiary Butyl Alcohol (TBA)	ND	10								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,1-Dichloroethane	ND	1								
Di-isopropyl Ether (DIPE)	ND	1								
cis-1,2-Dichloroethene	ND	1								
Chloroform	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	0.5								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
Bromoform	ND	1								
o-Xylene	ND	0.5								
1,1,2,2-Tetrachloroethane	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
1,2-Dichlorobenzene	ND	1								
Surr: 1,2-Dichloroethane-d4	9.12		10		91	70	130			
Surr: Toluene-d8	11.1		10		111	70	130			
Surr: 4-Bromofluorobenzene	9.65		10		97	70	130			

Laboratory Control Spike

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

File ID: **14020502.D** Batch ID: **MS09W0205A** Analysis Date: **02/05/2014 08:56**

Sample ID: **LCS MS09W0205A** Units : µg/L Run ID: **MSD_09_140205A** Prep Date: **02/05/2014 08:56**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	11.7	1	10		117	80	120			
Methyl tert-butyl ether (MTBE)	9.96	0.5	10		99.6	63	137			
Benzene	9.4	0.5	10		94	70	130			
Trichloroethene	11.8	1	10		118	68	138			
Toluene	10.6	0.5	10		106	80	120			
Chlorobenzene	11.5	1	10		115	70	130			
Ethylbenzene	10.9	0.5	10		109	80	120			
m,p-Xylene	10.4	0.5	10		104	65	139			
o-Xylene	10.6	0.5	10		106	70	130			
Surr: 1,2-Dichloroethane-d4	9.53		10		95	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	9.69		10		97	70	130			

Alpha Analytical, Inc.

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

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

Date: *10-Feb-14*

QC Summary Report

Work Order: 14020441

Sample Matrix Spike Type **MS** Test Code: **EPA Method SW8260B**

File ID: **14020517.D** Batch ID: **MS09W0205A** Analysis Date: **02/05/2014 14:48**

Sample ID: **14020542-01AMS** Units : µg/L Run ID: **MSD_09_140205A** Prep Date: **02/05/2014 14:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	53.6	2.5	50	0	107	62	133			
Methyl tert-butyl ether (MTBE)	58.4	1.3	50	0	117	56	140			
Benzene	43.8	1.3	50	0	88	67	134			
Trichloroethene	53.3	2.5	50	0	107	68	138			
Toluene	35.5	1.3	50	0	71	38	130			
Chlorobenzene	51.6	2.5	50	0	103	70	130			
Ethylbenzene	47.1	1.3	50	0	94	70	130			
m,p-Xylene	43.5	1.3	50	0	87	65	139			
o-Xylene	45.3	1.3	50	0	91	69	130			
Surr: 1,2-Dichloroethane-d4	56.5		50		113	70	130			
Surr: Toluene-d8	38.5		50		77	70	130			
Surr: 4-Bromofluorobenzene	44.7		50		89	70	130			

Sample Matrix Spike Duplicate Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **14020518.D** Batch ID: **MS09W0205A** Analysis Date: **02/05/2014 15:12**

Sample ID: **14020542-01AMSD** Units : µg/L Run ID: **MSD_09_140205A** Prep Date: **02/05/2014 15:12**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	56.1	2.5	50	0	112	62	133	53.55	4.7(35)	
Methyl tert-butyl ether (MTBE)	62.9	1.3	50	0	126	56	140	58.41	7.5(40)	
Benzene	46.6	1.3	50	0	93	67	134	43.76	6.2(21)	
Trichloroethene	56.7	2.5	50	0	113	68	138	53.3	6.2(20)	
Toluene	48.6	1.3	50	0	97	38	130	35.54	31.1(20)	R5
Chlorobenzene	56.1	2.5	50	0	112	70	130	51.64	8.3(20)	
Ethylbenzene	50.6	1.3	50	0	101	70	130	47.1	7.1(20)	
m,p-Xylene	48.8	1.3	50	0	98	65	139	43.48	11.6(20)	
o-Xylene	50.6	1.3	50	0	101	69	130	45.28	11.0(20)	
Surr: 1,2-Dichloroethane-d4	54.3		50		109	70	130			
Surr: Toluene-d8	49.3		50		99	70	130			
Surr: 4-Bromofluorobenzene	43.8		50		88	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

R5 = MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA AMENDED #2

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

WorkOrder : STR14020441

Report Due By : 5:00 PM On : 11-Feb-14

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

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

EDD Required : Yes

Sampled by : Carl Schulze

PO :

Client's COC # : 16345 Job : 2090-1970-01/Grimit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	04-Feb-14	11-Feb-14

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests OG_HEM_W	OG_SGT_W	TPH/P_W	VOC_W					Sample Remarks
STR14020441-01A	MW-1	AQ	01/30/14 11:51	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-02A	MW-2	AQ	01/31/14 11:46	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-03A	MW-3	AQ	01/31/14 11:32	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-04A	MW-4	AQ	01/31/14 07:30	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-05A	MW-5	AQ	01/31/14 13:19	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-06A	MW-6	AQ	01/30/14 12:55	4	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-07A	MW-7	AQ	01/30/14 09:47	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-08A	MW-8	AQ	01/30/14 10:59	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					

Comments: Security seals intact. Frozen ice. Amended 2/10/14 to cancel O&G SGT for samples -02A through -08A, per lab protocol. Amended 2/11/14 to correct sampling dates for -01A, -06A, -07A, and -08A due to login error. SN :

	Signature	Print Name	Company	Date/Time
Logged in by:			Alpha Analytical, Inc.	2/11/14 1001

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

AMENDED

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

WorkOrder : STR14020441

Report Due By : 5:00 PM On : 11-Feb-14

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

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

EDD Required : Yes

Sampled by : Carl Schulze

PO :

Client's COC # : 16345 Job : 2090-1970-01/Grimit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	04-Feb-14	10-Feb-14

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests OG_HEM_W	OG_SGT_W	TPH/P_W	VOC_W					Sample Remarks
STR14020441-01A	MW-1	AQ	01/31/14 11:51	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-02A	MW-2	AQ	01/31/14 11:46	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-03A	MW-3	AQ	01/31/14 11:32	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-04A	MW-4	AQ	01/31/14 07:30	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-05A	MW-5	AQ	01/31/14 13:19	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-06A	MW-6	AQ	01/31/14 12:55	4	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-07A	MW-7	AQ	01/31/14 09:47	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR14020441-08A	MW-8	AQ	01/31/14 10:59	5	0	5	X		GAS-C	8260/OXYS/EDB_Cs					

Comments: Security seals intact. Frozen ice. Amended 2/10/14 to cancel O&G SGT for samples -02A through -08A, per lab protocol. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Samantha Neri	Alpha Analytical, Inc.	2/10/14 1355

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
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Billing Information :

CHAIN-OF-CUSTODY RECORD

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

CA

WorkOrder : STR14020441

Report Due By : 5:00 PM On : 11-Feb-14

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

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

PO :

Client's COC # : 16345 Job : 2090-1970-01/Grimit Auto

EDD Required : Yes

Sampled by : Carl Schulze

Cooler Temp	Samples Received	Date Printed
0 °C	04-Feb-14	04-Feb-14

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests OG_HEM_W	OG_SGT_W	TPH/P_W	VOC_W					Sample Remarks
STR14020441-01A	MW-1	AQ	01/31/14 11:51	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-02A	MW-2	AQ	01/31/14 11:46	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-03A	MW-3	AQ	01/31/14 11:32	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-04A	MW-4	AQ	01/31/14 07:30	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-05A	MW-5	AQ	01/31/14 13:19	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-06A	MW-6	AQ	01/31/14 12:55	4	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-07A	MW-7	AQ	01/31/14 09:47	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR14020441-08A	MW-8	AQ	01/31/14 10:59	5	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:			Alpha Analytical, Inc.	2/4/14 1000

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
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Billing Information:
Company: Stratus Environmental
Attn:
Address: 3330 Cameron Park Dr. Suite 550
City, State, Zip: Cameron Park, CA 95682
Phone Number: _____ Fax: _____

Alpha Analytical, Inc.
Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431 — Phone: 775-355-1044, Fax: 775-355-0406

Satellite Service Centers:
Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827 — Phone: 916-366-9089
Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 — Phone: 714-386-2901
Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801 — Phone: 775-388-7043
Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 — Phone: 702-261-4848

16345

Page # 1 of 1

Consultant/ Client Info:
Company: Gerrit Auto
Address: 1970 Seminary Ave.
City, State, Zip: Oakland, CA

Job and Purchase Order Info:
Job #: 2090 - 1970 - 01
Job Name:
P.O. #:

Report Attention/Project Manager:
Name: Scott Bittinger
Email Address:
Phone #:
Cell #:

QC Deliverable Info:
EDD Required? Yes / No — EDF Required? (Yes) / No
Global ID: T0600100667
Data Validation Packages: III or IV

Samples Collected from which State? (circle one) AR (CA) KS NV OR WA DOD Site Other

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers** (See Key Below)	Field Filtered? Yes	Field Filtered? No	GRO	BTEX	5 oxy's	1,2-DCA	EDB	oil + grease	HVOC's				Remarks
1151	01/31	AQ		MW-1	std	3V, 2L		x	x	x	x	x	x	x	x				
1146	01/30			MW-2															
1132	01/31			MW-3															
0730	01/31			MW-4															
1319	01/31			MW-5															
1255	01/30			MW-6		1L													
0947	01/30			MW-7															
1059	01/30			MW-8															

ADDITIONAL INSTRUCTIONS: oil + grease w/ silica gel cleanup

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Sampled By: Carl Schulze

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
	01/31/14	1630	Melissa T	2-3-14	1600
			Alpha	2/4/14	0955

* Key: AQ - Aqueous WA - Waste OT - Other So-Soil ** L - Liter V - VOA S-Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

APPENDIX D

GEOTRACKER ELECTRONIC SUBMITTAL CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	GEO_WELL
Report Title:	1Q14 QMR
Facility Global ID:	T0600100667
Facility Name:	GRIMIT AUTO REPAIR & SERVICE
File Name:	GEO_WELL.zip
Organization Name:	Stratus Environmental, Inc.
Username:	STRATUS NOCAL
IP Address:	50.192.223.97
Submittal Date/Time:	2/19/2014 11:55:33 AM
Confirmation Number:	2709119677

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

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

Submittal Type:	EDF
Report Title:	1Q14 QMR
Report Type:	Monitoring Report - Semi-Annually
Facility Global ID:	T0600100667
Facility Name:	GRIMIT AUTO REPAIR & SERVICE
File Name:	14020441_EDF.zip
Organization Name:	Stratus Environmental, Inc.
Username:	STRATUS NOCAL
IP Address:	50.192.223.97
Submittal Date/Time:	2/19/2014 11:43:04 AM
Confirmation Number:	5553977310

VIEW QC REPORT

VIEW DETECTIONS REPORT

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 14, 2011

Huan Nguyen and Thu Nga T. Lam
1848 Dolly Avenue
Oakland, CA 94621-4143

Subject: Property Access by the Parties Responsible for the Investigation and Cleanup of Petroleum Hydrocarbon Pollution at Fuel Leak Case No. RO0000413 and Geotracker Global ID T0600100667, Grimit Auto Repair and Service, 1970 Seminary Ave., Oakland, CA 94621

Dear Mr. Mr. and Mrs. Rancifer
RO0000413 :

Alameda County Environmental Health (ACEH) is overseeing the investigation of the petroleum hydrocarbons and chlorinated solvents released from fuel underground storage tanks (USTs) at the subject site. We are uncertain as to how far the contamination from the tanks has moved.

The ACEH is requiring Grimit Auto Repair to investigate and clean up petroleum hydrocarbon contamination in soil and groundwater at the site to prevent contamination from spreading to other properties or to drinking water sources and reduce the potential threat to human health and the environment. To properly determine the extent of that contamination in groundwater, Grimit Auto Repair must perform additional off-site investigation. Therefore, we need your help in allowing access to your property at 1955 Seminary Avenue, Oakland by Grimit Auto Repair and Service and their consultant Scott Bittinger of Stratus Environmental Inc., to properly define the extent of contamination.

Stratus sent you an access agreement in a letter mailed November 3, 2010 but it was returned to them unclaimed. They also tried to reach you at the 1955 Seminary property and left a copy of the access agreement at the property at that time. ACEH requests that you contact Stratus Environmental, Inc. to complete the access agreement.

If you have any questions, please contact Scott Bittinger at Stratus Environmental Inc. at (530) 676-2062. In addition, you can reach me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org. Thank you for your cooperation.

Sincerely,

Barbara J. Jakub, P.G.

Digitally signed by Barbara J. Jakub
DN: cn=Barbara J. Jakub, o, ou, email=barbara.jakub@acgov.org, c=US
Date: 2011.12.14 16:11:56 -08'00'

APPENDIX E

PROPERTY ACCESS REQUESTS TO 1955 SEMINARY AVENUE PREPARED BY ACEHD AND STRATUS ENVIRONMENTAL, INC.

STRATUS
ENVIRONMENTAL, INC.

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

November 3, 2010
Project No. 2090-1970-01

Sent via Certified Mail to:

Huan T. Nguyen
Thunga T. Lam
1955 Seminary Avenue
Oakland, CA 94621

Re: Access Agreement Letter for Sampling of Irrigation Well at 1955 Seminary Avenue, Oakland, California

Stratus Environmental, Inc. has prepared this letter, on behalf of Peggy Garcia and Angel LaMarca of the Doyle Grimit Family Trust, in order to request permission to enter your property and collect a water sample from an irrigation well that reportedly exists on your property. Alameda County Environmental Health Services (ACEHS) currently oversees an environmental case at 1970 Seminary Avenue which relates to the release of petroleum hydrocarbons to the subsurface from an underground storage tank (UST) that was formerly located at this facility. ACEHS indicated that in 1994, a water sample was collected from your well, and a chemical analysis of the sample did not reveal the presence of any contaminants analyzed. However, in a letter dated October 1, 2010 (attached, see item 6), ACEHS has requested that the well be re-sampled to verify that contaminants have not migrated into the well since the time of the 1994 sampling.

Stratus has enclosed two copies of this access agreement letter. Please sign both copies of the letter and retain one copy for your records. Please return the other copy to Stratus in the enclosed self-addressed stamped envelope. Upon receipt of the executed agreement, Stratus will contact you in order to schedule a time to conduct the sampling. It would be helpful if you could include your phone number and/or e-mail address with the signed agreement so that we may more easily contact you.

November 3, 2010
Project No. 2090-1970-01

We appreciate your cooperation in this matter. If you have any questions or concerns, please contact me at (530) 676-2062.

Sincerely,
STRATUS ENVIRONMENTAL, INC.

Scott G. Bittinger, P.G.
Project Manager

Attachment: October 1, 2010 letter from Alameda County Environmental Health Services

cc: Ms. Angel LaMarca and Ms. Peggy Garcia, Former Grimit Auto
Ms. Barbara Jakub, Alameda County Environmental Health Services

Please indicate your authorization for representatives of Stratus Environmental, Inc. to enter your property located at 1955 Seminary Avenue, Oakland, California, for the purposes of sampling an irrigation well that reportedly exists on your property, by signing both copies of this letter below and returning one copy of the signed letter to Stratus in the enclosed stamped envelope.

Authorized By:

Huan T. Nguyen and/or Thunga T. Lam

By: _____ Phone No.: _____

Title: Property Owner(s) Email: _____