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 Report, First Quarter 2013* 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 8, 2013
Project No. 2090-1970-01

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

Re: Groundwater Monitoring and Sampling Results Report, First Quarter 2013
Grimit Auto Repair and Service
1970 Seminary Boulevard, Oakland, California
Fuel Leak Case No. RO0000413

Dear Ms. Jakub:

Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of the Grimit Family Trust, for the 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 2013 and presents the findings of a groundwater monitoring and sampling event performed in January 2013. This report has been prepared in compliance with Alameda County Environmental Health Department 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

Stephen J. Carter, P.G.
Senior Geologist

Attachment: Groundwater Monitoring and Sampling Results Report, First Quarter 2013

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

April 8, 2013

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:	Ms. Barbara Jakub, Alameda County Environmental Health Department (ACEHD), Fuel Leak Case No. RO0000413

WORK PERFORMED THIS QUARTER (First Quarter 2013):

1. Stratus conducted groundwater monitoring and sampling activities on January 14, 2013. During this event, wells MW-1 through MW-9 were gauged to determine depth to groundwater, dissolved oxygen (DO), temperature, pH, oxygen reduction potential (ORP), conductivity, and evaluated for the presence of free product. Following gauging, these wells were purged and sampled. Groundwater samples were forwarded to a state-certified analytical laboratory for analysis. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B, and C, respectively. 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.

WORK PROPOSED FOR NEXT QUARTER (Second Quarter 2013):

1. In accordance with State Board Resolution No. 2009-0042, the frequency of groundwater monitoring and sampling for all site wells has been reduced to semi-annual (1st and 3rd quarters); therefore, no monitoring/sampling is planned for the second quarter 2013.

2. In August 2012, Stratus prepared a Feasibility Study/Corrective Action Plan (FS/CAP) for the site, and in December 2012, a Supplement to the FS/CAP was prepared and submitted at the request of ACEHD personnel. At the time this report was prepared, a formal response letter to the scope of work proposed in these documents had not been prepared by ACEHD personnel. Once agency approval of this scope of work is obtained, Stratus will begin implementing a cleanup project for the site.

Current Phase of Project:	RS/IRA
Frequency of Groundwater Monitoring:	All wells = Semi-annually (1st & 3rd quarters)
Frequency of Groundwater Sampling:	All wells = Semi-annually (1st & 3rd quarters)
Groundwater Sampling Date:	January 14, 2013
Is Free Product (FP) Present on Site:	Intermittently at well MW-1; Sheen observed at MW-1, -2, -6, and -7 on January 14, 2013
Approximate Depth to Groundwater (Shallow Screened Wells):	4.15 to 12.35 feet below top of well casing
Approximate Depth to Groundwater (Deep Screened Wells)	13.32 to 16.74 feet below top of well casing
Groundwater Flow Direction and Gradient (Shallow Screened Wells):	West-Northwest; 0.13 ft/ft
Groundwater Flow Direction and Gradient (Deep Screened Wells):	East and South-Southeast; 0.07 to 0.10 ft/ft

DISCUSSION:

Stratus conducted groundwater monitoring and sampling activities on January 14, 2013. 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. Well MW-9 purged dry before three casing volumes were removed from the well. 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 were analyzed with and without silica gel cleanup.

Shallow Screened Well Network

Four groundwater monitoring wells (MW-3, MW-6, MW-8 and MW-9) have been screened to monitor groundwater occurrence and quality beneath the site across the water table interface (referred to as "shallow screened"). At the time of the first quarter 2013 sampling event, depth to groundwater ranged from 4.15 to 12.35 feet below the top of the well casing. Groundwater levels were within historical fluctuation ranges. Depth-to-water measurements were converted to feet above mean sea level (MSL) and used to construct a groundwater elevation contour map (Figure 2). Groundwater flow was calculated to be towards the west-northwest, at a calculated gradient of approximately 0.13 ft/ft. Variable groundwater flow directions have been observed during historical work.

A petroleum sheen was observed on the groundwater purged from well MW-6. GRO (700 micrograms per liter [µg/L]) and BTEX (benzene at 65 µg/L) were reported in the MW-6 sample. GRO (2,100 µg/L) and relatively low levels of toluene, ethlybenzene, and xylenes were also reported in the well MW-9 sample. No petroleum hydrocarbons were reported in the MW-3 or MW-8 samples. Analytical results of GRO, benzene and MTBE for groundwater samples collected during the first quarter 2013 are presented in Figure 4.

Tetrachloroethene (PCE, 2.7 µg/L), trichloroethene (TCE, 3.0 µg/L), and cis-1,2-dichloroethene (cis-1,2-DCE, 4.3 µg/L) were reported in the sample collected from well MW-8. HVOC levels were below laboratory detection limits in the MW-3, MW-6, and MW-9 samples. Analytical results of select HVOCs for groundwater samples collected during the first quarter 2013 are included on Figure 5.

Deep Screened Well Network

Five groundwater monitoring wells (MW-1, MW-2, MW-4, MW-5 and MW-7) have been screened below the typical level of the site's fluctuating water table interface and thus often have submerged well screens; these wells are thus designated as the 'deep screened' wells at the site. Following gauging, all deep-screened wells were purged and sampled.

Depth to groundwater ranged from 13.32 to 16.74 feet below the top of the well casing and were within historical fluctuation ranges. Depth-to-water measurements were converted to feet above MSL and used to construct a groundwater elevation contour map (Figure 3). Using groundwater elevation data from the 'deep screened' wells on January 14, 2013, east, and south-southeast groundwater flow directions were noted at a calculated gradient between approximately 0.07 and 0.10 ft/ft. Variable groundwater flow directions have historically been observed.

A petroleum sheen was noted in groundwater purged from wells MW-1, MW-2, and MW-7 at the time of sampling. Petroleum hydrocarbons were reported in the samples collected from wells MW-1, MW-4, MW-5, and MW-7; analytical results of GRO, benzene, and MTBE for the deeper screened well samples are included on Figure 4. GRO was reported at levels of 95,000 µg/L (MW-1), 1,600 µg/L (MW-4), 2,100 µg/L (MW-5), and 3,000 µg/L (MW-7), and benzene was reported at levels of 310 µg/L (MW-1), 350 µg/L (MW-4), 11 µg/L (MW-5), and 180 µg/L (MW-7). Oil and grease were reported in the MW-1 and MW-4 well samples, at concentrations of 80,000 µg/L and 61,000 µg/L (with and without silica gel treatment at MW-1) and 18,000 µg/L and 16,000 µg/L (with and without silica gel treatment at MW-4). MTBE (3.1 µg/L) was also reported in the MW-4 sample.

1,2-dichlorobenzene (1,2-DCB), TCE, vinyl chloride (VC), cis-1,2-DCE, and trans-1,2-dichloroethene (trans-1,2-DCE) were reported in the samples collected from wells MW-4 and MW-7, at concentrations of 26 µg/L, 6.2 µg/L, 130 µg/L, 280 µg/L, and 23 µg/L, respectively at well MW-4, and 5.8 µg/L, 3.5 µg/L, 80 µg/L, 280 µg/L, and 2.8 µg/L, respectively, at well MW-7 (summarized on Figure 5). In general, oil and grease and HVOC impact appears to predominately impact the area near the former waste oil UST.

Free Product Measurement and Removal

No free product was noted during the first quarter 2013 sampling event; however, sheen was observed in groundwater purged from wells MW-1, MW-2, MW-6 and MW-7. To date, approximately 6.0 gallons of free product/water mixture has been removed from well MW-1. Table 5 details the free product thickness measurements and summarizes removal efforts.

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 Groundwater Elevation Contour Map, Shallow Screened Wells (1st Quarter 2013)
- Figure 3 Groundwater Elevation Contour Map, Deep Screened Wells (1st Quarter 2013)
- Figure 4 Petroleum Hydrocarbon Groundwater Analytical Summary (1st Quarter 2013)
- Figure 5 Halogenated VOC Groundwater Analytical Summary (1st Quarter 2013)
- 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

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

Well Number	Date	Depth to Water (ft)	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
MW-2	07/22/00	13.73	36.40	--	22.67
(deep)	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

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

Well Number	Date	Depth to Water (ft)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-3 (shallow)	07/22/00	9.41	36.94	--	27.53
	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
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

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

Well Number	Date	Depth to Water (ft)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-5 (deep)	07/22/00	21.42	36.77	--	15.35
	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	43.69	--	26.95
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

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft)	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
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

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

Well Number	Date	Depth to Water (ft)	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

Legend/Key:

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	80000 / 61,000[3]	310	310	700	1,520	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 (deep)	07/22/00	180	<5,000[1,2]	10	ND	4.5	6.0	NT
	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

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 (shallow)	07/22/00	230	<5,000[1,2]	0.89	2.4	ND	ND	NT
	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

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 (deep)	07/22/00	2,700	7,000[1,2]	940	14	31	12	NT
	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

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 (deep)	07/22/00	14,000	12,000[1,2]	290	140	770	630	NT
	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

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

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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 (deep)	07/22/00	7,400	10,000[1,2]	620	180	240	180	NT
	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

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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

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

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; 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]
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
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
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]

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
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
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]

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
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

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)

NA= Not Available

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	7/22/2000[1]	<2.5	16.0	<2.5	15	<2.5	<2.5	<5.0	<2.5	8.2
(deep)	1/29/2001[1]	<10.0	23.0	<10	23	<10.0	<10.0	<10.0	<10.0	<10.0
	7/28/2001[1]	7.4	9.0	0.97	14	6.4	0.95	<0.5	<0.5	15
	2/3/2002[1]	5.5	10.0	1.4	23	5.5	0.59	<0.5	<0.5	7.4
	7/23/2002[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
	1/20/2005[1]	81	<5.0	<5.0	27	<5.0	<5.0	<5.0	<5.0	32
	7/20/2005[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
	7/27/2006[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
	7/25/2008[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]
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

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
	7/27/2006[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
	1/25/2010[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
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
	2/3/2002[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
	1/27/2004[1]	<5.0	41	<5.0	370	25	<5.0	<5.0	32	310
	7/22/2004[1]	<5.0	23	<5.0	120	13	<5.0	<5.0	9.6	280
	1/20/2005[1]	<5.0	28	<5.0	320	23	<5.0	<5.0	81	130
	7/20/2005[1]	<5.0	32	<5.0	230	18	<5.0	<5.0	<5.0	170
	1/26/2006[1]	<5.0	31	<5.0	320	22	<5.0	<5.0	39	330
	7/27/2006[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
	7/19/2007[1]	<5.0	28	<5.0	180	27	<5.0	<5.0	21	460
	2/15/2008[1]	<5.0	31	<5.0	200	25	<5.0	<5.0	22	130
	7/25/2008[1]	5.5	18	<2.5	110	17	<2.5	<2.5	21	87
	1/23/2009[1]	<5.0	27	<5.0	150	23	<5.0	<5.0	<5.0	190
	7/21/2009[1]	<2.5	22	<2.5	84	14	<2.5	<2.5	15	150
	1/25/2010[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

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
	2/3/2002[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
	1/27/2004[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
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
	1/27/2004[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

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	7/22/2000[1]	<5	18	<5	170	<5	<5	<5	8	<5
(deep)	1/29/2001[1]	<5	18	<5	170	<5	<5	<5	8	<5
	7/28/2001[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
	7/19/2007[1]	<0.5	<0.5	<0.5	210	<0.5	<0.5	<0.5	<0.5	31
	2/15/2008[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
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

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
	1/20/2005[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
	7/19/2007[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

Legend/Key:

CA= Chlorethane

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= Tetrachloroethylene (perchloroethene)

TCE= trichloroethene

VC= vinyl chloride

ND= "not-detected" or below the Method Detection Limits

NA= Not Available

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

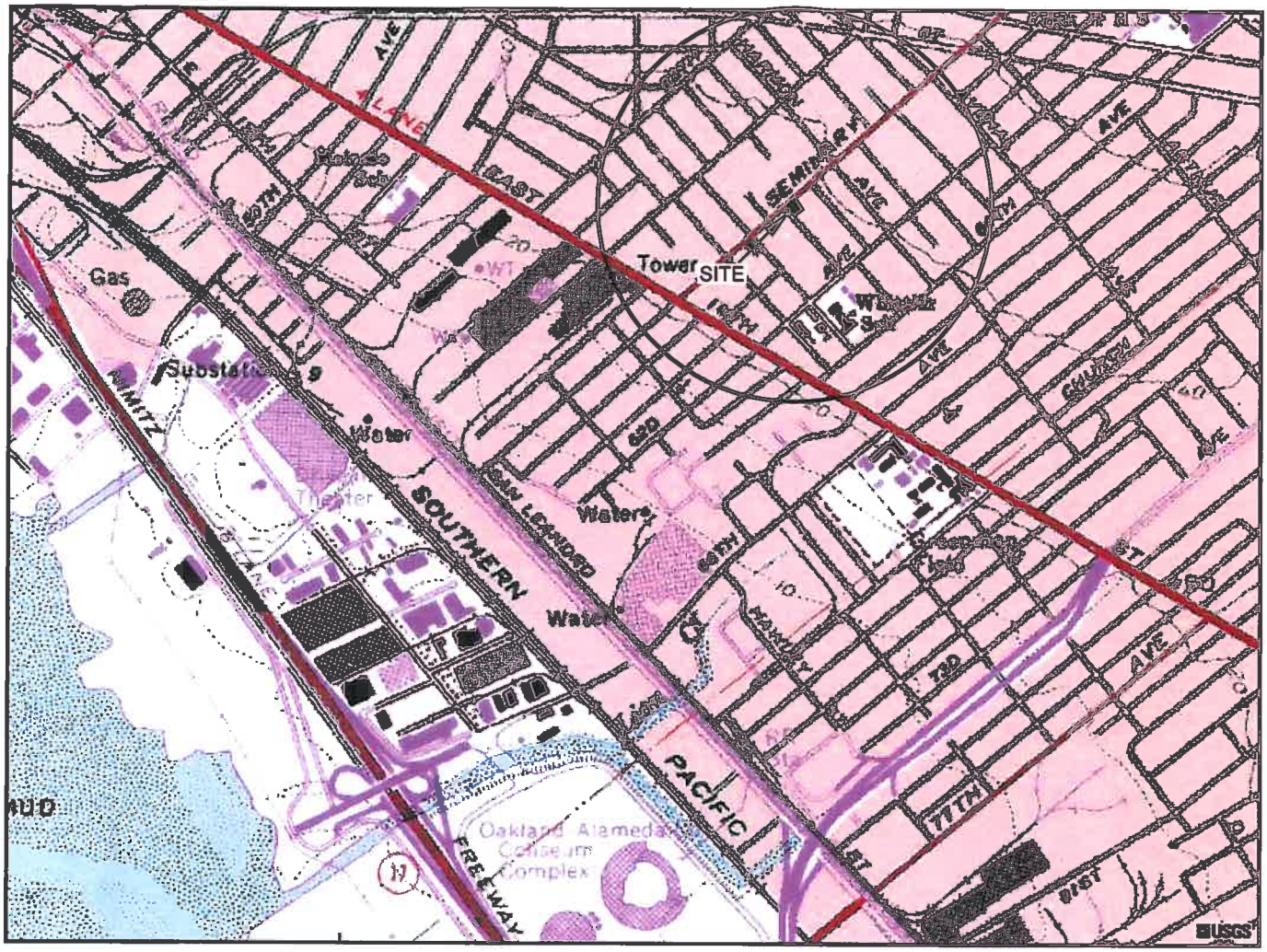
Grimit Auto Repair & Service

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
			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

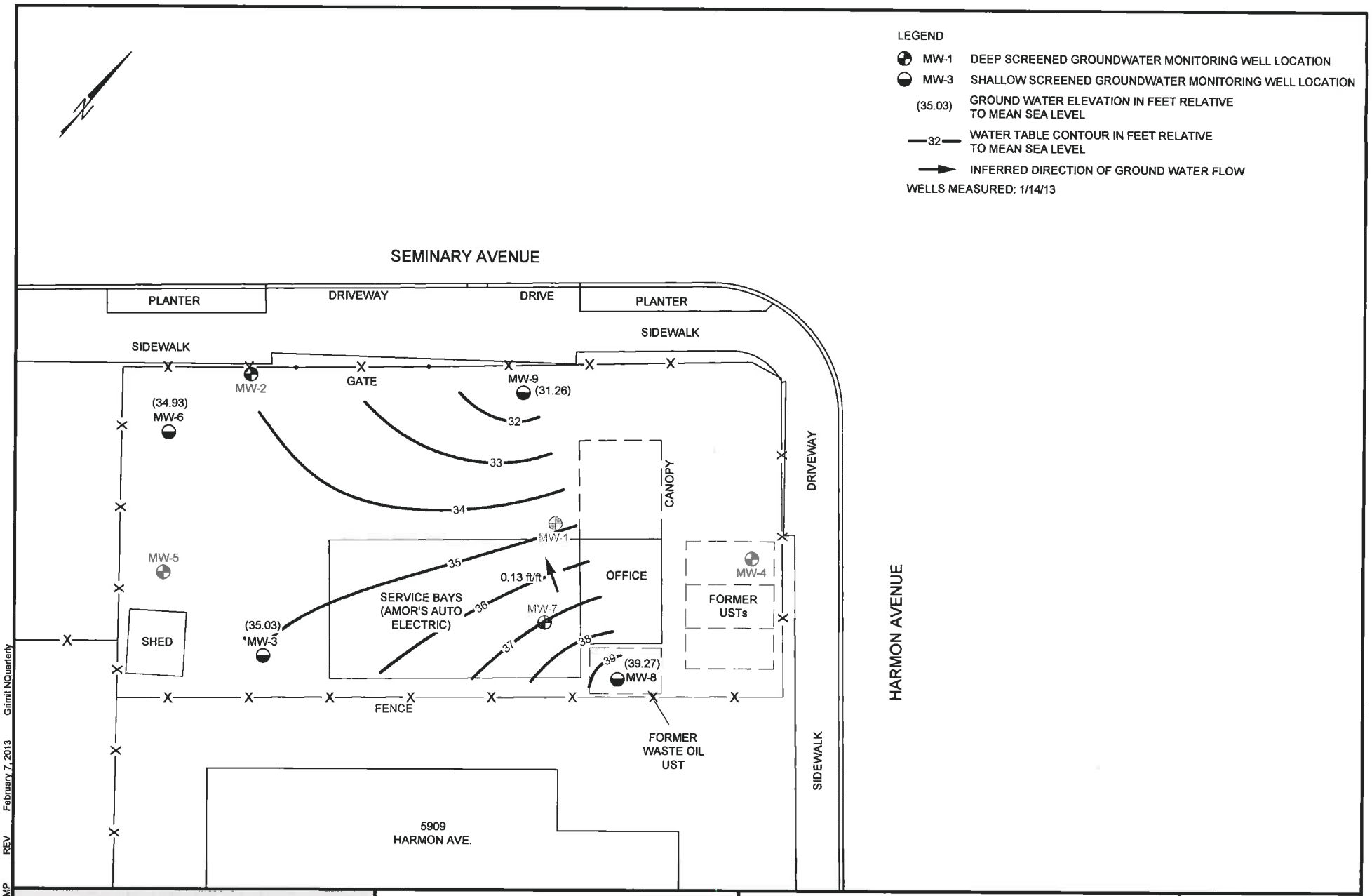
APPROXIMATE SCALE

STRATUS
ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE
1
PROJECT NO.
2090-1970-01



JMP REV February 7, 2013 Grimit NQuarterly

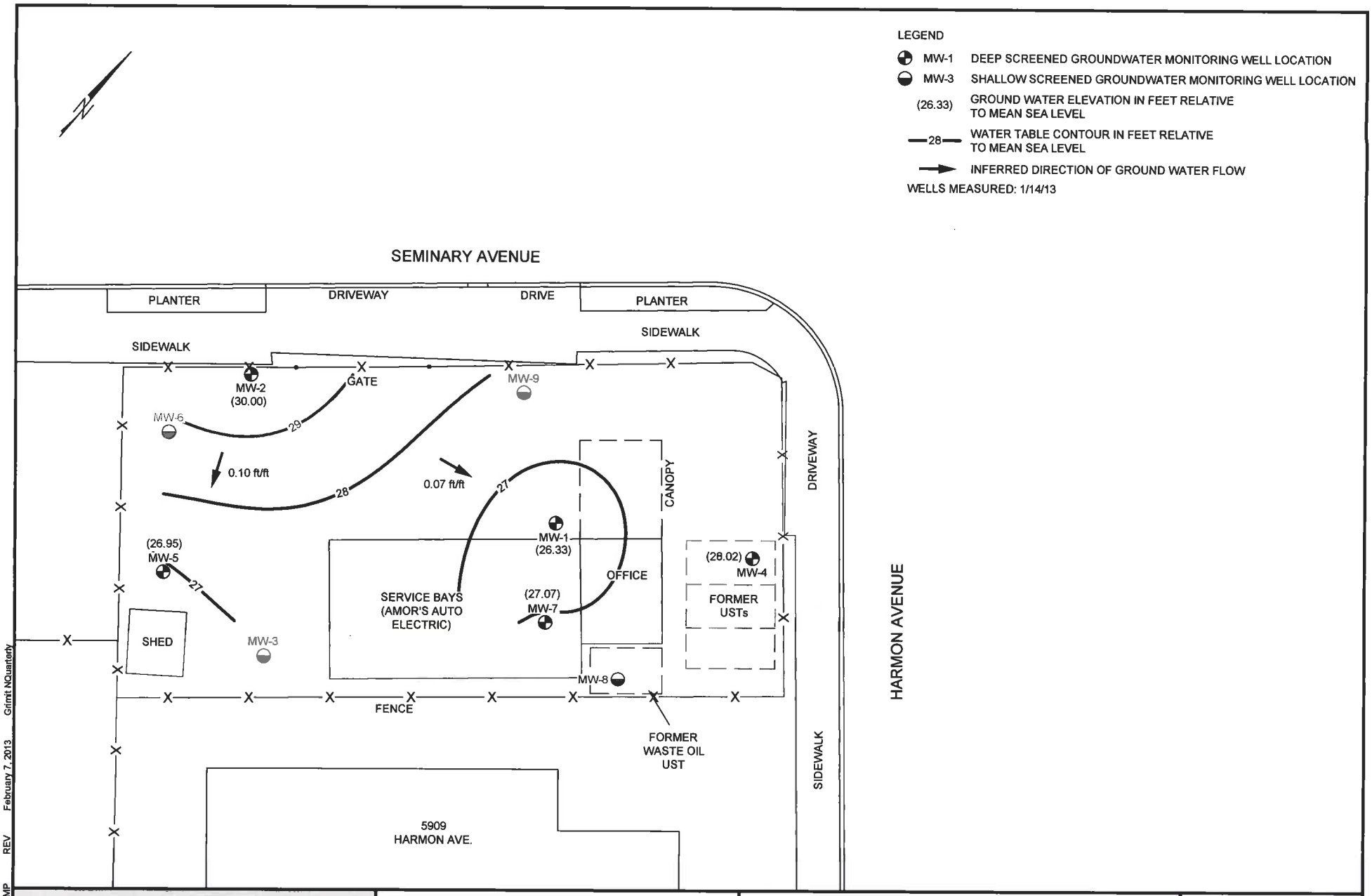
GrimitQuarterly

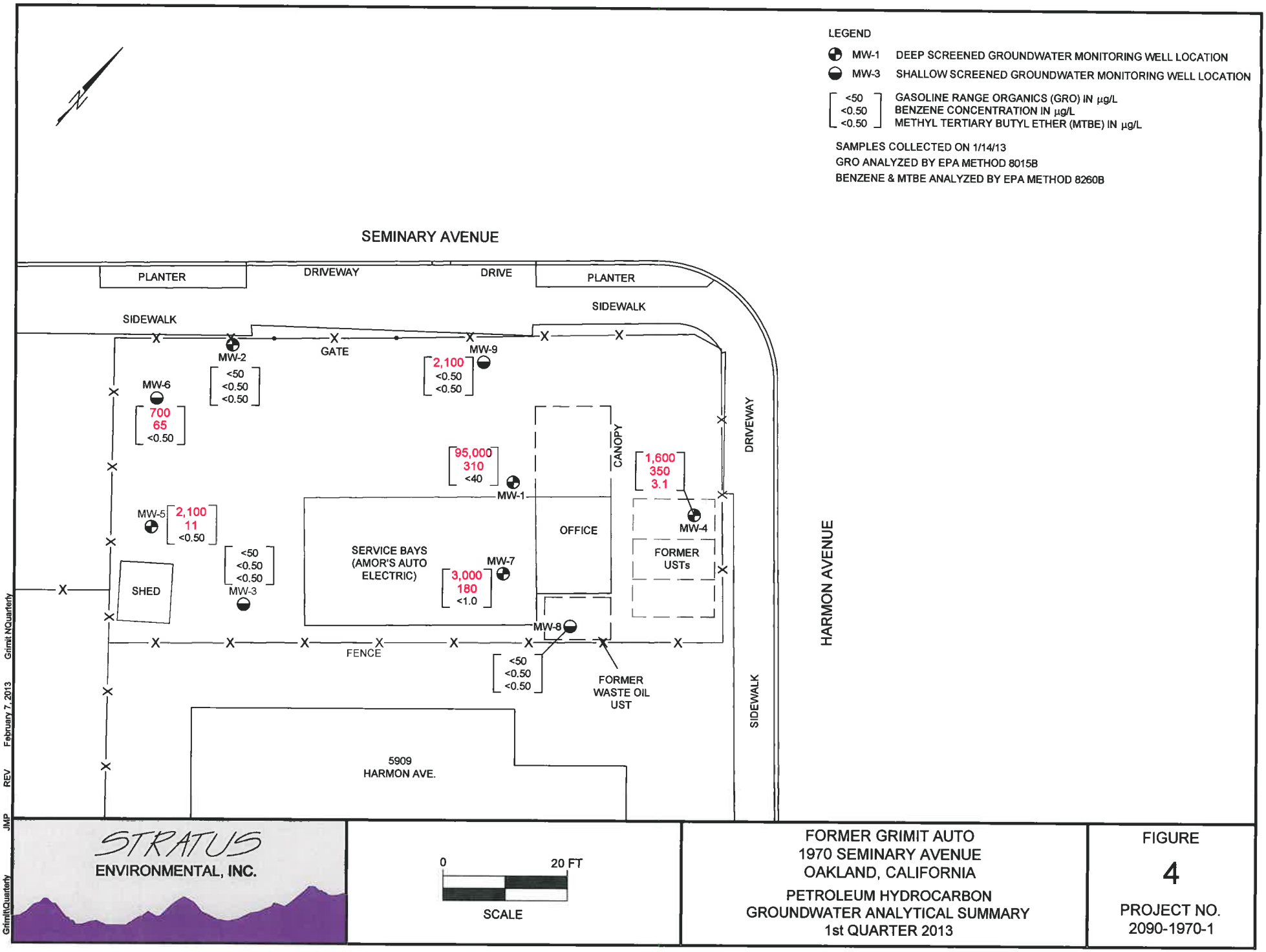
STRATUS
ENVIRONMENTAL, INC.

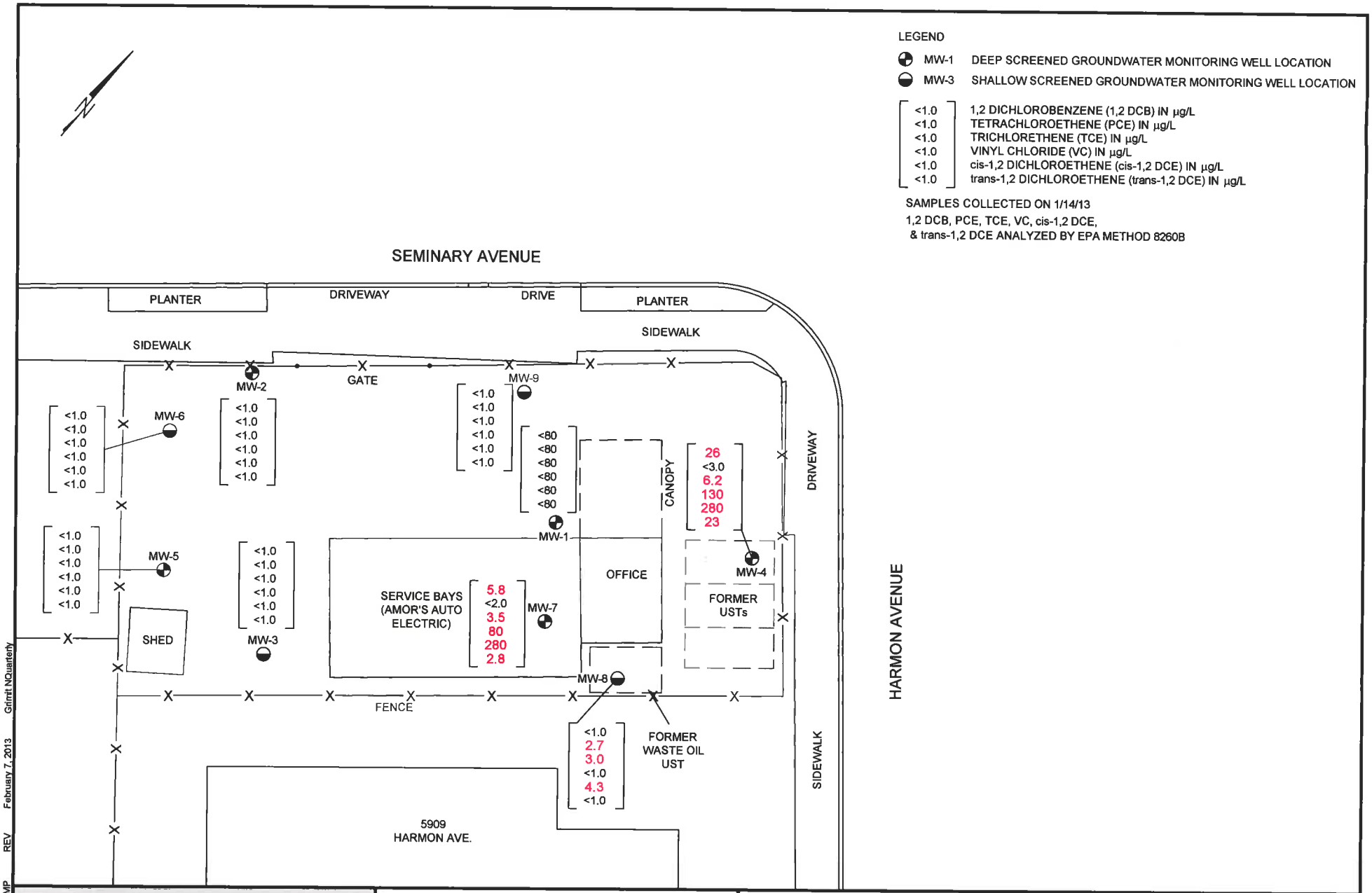
0 20 FT
SCALE

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW SCREENED WELLS
1st QUARTER 2013

FIGURE
2
PROJECT NO.
2090-1970-1


LEGEND
MW-1 DEEP SCREENED GROUNDWATER MONITORING WELL LOCATION
MW-3 SHALLOW SCREENED GROUNDWATER MONITORING WELL LOCATION
(26.33) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
28 WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
INFERRED DIRECTION OF GROUND WATER FLOW
WELLS MEASURED: 1/14/13
N
SEMINARY AVENUE
PLANTER
DRIVEWAY
DRIVE
PLANTER
SIDEWALK
SIDEWALK
MW-2
(30.00)
GATE
MW-9
MW-6
29
0.10 ft/ft
0.07 ft/ft
28
27
CANOPY
DRIVEWAY
MW-1
(26.33)
(26.95)
MW-5
27
OFFICE
(28.02)
MW-4
SERVICE BAYS
(AMOR'S AUTO
ELECTRIC)
(27.07)
MW-7
FORMER
USTs
SHED
MW-3
MW-8
FENCE
FORMER
WASTE OIL
UST
HARMON AVENUE
SIDEWALK
5909
HARMON AVE.
JMP REV February 7, 2013 GrimitNQuarterly
GrimitQuarterly
STRATUS
ENVIRONMENTAL, INC.
0
20 FT
SCALE
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
DEEP SCREENED WELLS
1st QUARTER 2013
FIGURE
3
PROJECT NO.
2090-1970-1


LEGEND
MW-1 DEEP SCREENED GROUNDWATER MONITORING WELL LOCATION
MW-3 SHALLOW SCREENED GROUNDWATER MONITORING WELL LOCATION
[<50] GASOLINE RANGE ORGANICS (GRO) IN µg/L
[<0.50] BENZENE CONCENTRATION IN µg/L
[<0.50] METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L
SAMPLES COLLECTED ON 1/14/13
GRO ANALYZED BY EPA METHOD 8015B
BENZENE & MTBE ANALYZED BY EPA METHOD 8260B
N
SEMINARY AVENUE
PLANTER
DRIVEWAY
DRIVE
PLANTER
SIDEWALK
SIDEWALK
MW-2
<50
<0.50
<0.50
GATE
MW-9
2,100
<0.50
<0.50
MW-6
700
65
<0.50
CANOPY
DRIVEWAY
95,000
310
<40
MW-1
1,600
350
3.1
MW-4
MW-5
2,100
11
<0.50
OFFICE
SERVICE BAYS
(AMOR'S AUTO
ELECTRIC)
FORMER
USTs
<50
<0.50
<0.50
MW-3
MW-7
3,000
180
<1.0
SHED
MW-8
FENCE
<50
<0.50
<0.50
FORMER
WASTE OIL
UST
HARMON AVENUE
SIDEWALK
5909
HARMON AVE.
JMP
REV
February 7, 2013
Grimit NQuarterly
GrimitNQuarterly
STRATUS
ENVIRONMENTAL, INC.
0
20 FT
SCALE
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
PETROLEUM HYDROCARBON
GROUNDWATER ANALYTICAL SUMMARY
1st QUARTER 2013
FIGURE
4
PROJECT NO.
2090-1970-1



JMP REV February 7, 2013 GrimitNQuarterly GrimitQuarterly

STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
HALOGENATED VOC GROUNDWATER
ANALYTICAL SUMMARY
1st QUARTER 2013

FIGURE
5
PROJECT NO.
2090-1970-1

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 01/14/13

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	1128		16.58	34.34	17.76	2"	0.5	9.0	9.0		X			18.58	MW-1	1604	1.08
MW-2	1106		13.82	34.85	21.03	2"	0.5	10.5	10.5		X			24.15	MW-2	1444	1.15
MW-3	1114		8.82	20.16	11.34	2"	0.5	5.5	5.5		X			11.47	MW-3	1534	1.06
MW-4	1133		15.37	34.61	19.24	2"	0.5	9.5	9.5		X			20.59	MW-4	1637	1.02
MW-5	1111		16.74	34.71	17.97	2"	0.5	9.0	9.0		X			21.83	MW-5	1516	1.16
MW-6	1109		8.41	18.35	9.94	2"	0.5	5.0	5.0		X			9.31	MW-6	1459	1.04
MW-7	1116		16.65	31.65	15.00	2"	0.5	7.5	7.5		X			19.01	MW-7	1549	1.31
MW-8	1131		4.15	18.97	14.82	2"	0.5	7.5	7.5		X			4.44	MW-8	1619	1.08
MW-9	1151		12.35	19.80	7.45	2"	0.5	4.0	3.5		X		dry	17.10	MW-9	1651	1.05
All wells gauged 15 min after opening																	
All wells sampled at least 2 hrs after purging																	

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 01/11/13
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 01/14/13

Well ID MW-9

Purge start time			Odor Y N	
	Temp C	pH	cond	gallons
time 1203	16.9	6.94	624 µ	0
time 1206	17.1	6.81	631 µ	2
time 1651	16.2	6.98	390 µ	3.5 dry
time				
purge stop time DO: 1.05			ORP 28	

Well ID MW-7 slight sheen

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1215	15.7	6.59	751 µ	0
time 1219	16.3	6.52	725 µ	3
time 1549	16.3	6.93	444 µ	7.5
time				
purge stop time DO 1.31			ORP 39	

Well ID MW-2 slight sheen

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1233	16.3	6.69	775 µ	0
time 1237	17.0	6.66	758 µ	3
time 1241	16.6	6.60	770 µ	6
time 1444	16.7	6.94	511 µ	10.5
purge stop time DO: 1.15			ORP 31	

Well ID MW-6 very slight sheen

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1255	15.0	6.93	557 µ	0
time 1258	15.3	6.67	542 µ	2
time 1459	15.9	6.93	476 µ	5
time				
purge stop time DO: 1.04			ORP 17	

Well ID MW-5

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1305	14.9	6.59	630 µ	0
time 1310	15.4	6.59	663 µ	3
time 1315	15.9	6.55	679 µ	6
time 1516	15.8	6.88	500 µ	9
purge stop time DO: 1.16			ORP 31	

Well ID MW-3

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1322	14.8	6.69	619 µ	0
time 1325	15.1	6.60	611 µ	2
time 1534	15.5	6.93	418 µ	5.5
time				
purge stop time DO: 1.06			ORP 30	

Well ID MW-1 heavy sheen

Purge start time			Odor (Y) N	
	Temp C	pH	cond	gallons
time 1337	15.6	6.63	714 µ	0
time 1342	16.1	6.60	716 µ	3
time 1347	16.6	6.59	670 µ	6
time 1604	15.6	6.80	444 µ	9
purge stop time DO: 1.08			ORP 30	

Well ID MW-8

Purge start time			Odor Y (N)	
	Temp C	pH	cond	gallons
time 1401	14.1	7.10	144.1 µ	0
time 1406	13.2	7.12	135.3 µ	3
time 1619	13.0	7.25	129.9 µ	7.5
time				
purge stop time DO: 1.08			ORP -6	

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 01/14/13

Well ID MW-4				
Purge start time			Odor (Y circled) N	
	Temp C	pH	cond	gallons
time 1413	17.0	6.66	493 µ	0
time 1418	17.3	6.62	505 µ	3
time 1422	17.2	6.60	513 µ	6
time 1637	16.5	6.56	398 µ	9.5
purge stop time DO: 1.02			ORP 18	

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 : 01/16/13

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 : STR13011642-01A	Oil & Grease, HEM	80,000	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 16:04					
Client ID: **MW-2**					
Lab ID : STR13011642-02A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 14:44					
Client ID: **MW-3**					
Lab ID : STR13011642-03A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 15:34					
Client ID: **MW-4**					
Lab ID : STR13011642-04A	Oil & Grease, HEM	18,000	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 16:37					
Client ID: **MW-5**					
Lab ID : STR13011642-05A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 15:16					
Client ID: **MW-6**					
Lab ID : STR13011642-06A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 14:59					
Client ID: **MW-7**					
Lab ID : STR13011642-07A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 15:49					
Client ID: **MW-8**					
Lab ID : STR13011642-08A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 16:19					
Client ID: **MW-9**					
Lab ID : STR13011642-09A	Oil & Grease, HEM	ND	5,000 µg/L	01/19/13	01/19/13
Date Sampled 01/14/13 16:51					

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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 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.

✓
1/23/13
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 : 01/16/13

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 : STR13011642-01A Oil & Grease, SGT-HEM	61,000	5,000 µg/L	01/23/13	01/23/13
Date Sampled 01/14/13 16:04				
Client ID: MW-4				
Lab ID : STR13011642-04A Oil & Grease, SGT-HEM	16,000	5,000 µg/L	01/23/13	01/23/13
Date Sampled 01/14/13 16:37				

SGT-HEM = Silica Gel Treated Hexane Extractable Material

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

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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 : 01/16/13

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 :	STR13011642-01A	TPH-P (GRO)	95,000	8,000 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 16:04					
Client ID :	**MW-2**					
Lab ID :	STR13011642-02A	TPH-P (GRO)	ND	50 µg/L	01/18/13	01/18/13
Date Sampled	01/14/13 14:44					
Client ID :	**MW-3**					
Lab ID :	STR13011642-03A	TPH-P (GRO)	ND	50 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 15:34					
Client ID :	**MW-4**					
Lab ID :	STR13011642-04A	TPH-P (GRO)	1,600	300 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 16:37					
Client ID :	**MW-5**					
Lab ID :	STR13011642-05A	TPH-P (GRO)	2,100	100 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 15:16					
Client ID :	**MW-6**					
Lab ID :	STR13011642-06A	TPH-P (GRO)	700	50 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 14:59					
Client ID :	**MW-7**					
Lab ID :	STR13011642-07A	TPH-P (GRO)	3,000	200 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 15:49					
Client ID :	**MW-8**					
Lab ID :	STR13011642-08A	TPH-P (GRO)	ND	50 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 16:19					
Client ID :	**MW-9**					
Lab ID :	STR13011642-09A	TPH-P (GRO)	2,100	100 µg/L	01/17/13	01/17/13
Date Sampled	01/14/13 16:51					

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Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

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1/23/13

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: STR13011642-01A
Client I.D. Number: MW-1

Sampled: 01/14/13 16:04
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	320 µg/L
2	Vinyl chloride	ND	80 µg/L
3	Chloroethane	ND	80 µg/L
4	Bromomethane	ND	320 µg/L
5	Trichlorofluoromethane	ND	80 µg/L
6	1,1-Dichloroethene	ND	80 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	800 µg/L
8	Dichloromethane	ND	320 µg/L
9	trans-1,2-Dichloroethene	ND	80 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	40 µg/L
11	1,1-Dichloroethane	ND	80 µg/L
12	Di-isopropyl Ether (DIPE)	ND	80 µg/L
13	cis-1,2-Dichloroethene	ND	80 µg/L
14	Chloroform	ND	80 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	80 µg/L
16	1,2-Dichloroethane	ND	80 µg/L
17	1,1,1-Trichloroethane	ND	80 µg/L
18	Carbon tetrachloride	ND	80 µg/L
19	Benzene	310	40 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	80 µg/L
21	1,2-Dichloropropane	ND	80 µg/L
22	Trichloroethene	ND	80 µg/L
23	Bromodichloromethane	ND	80 µg/L
24	cis-1,3-Dichloropropene	ND	80 µg/L
25	trans-1,3-Dichloropropene	ND	80 µg/L
26	1,1,2-Trichloroethane	ND	80 µg/L
27	Toluene	310	40 µg/L
28	Dibromochloromethane	ND	80 µg/L
29	1,2-Dibromoethane (EDB)	ND	160 µg/L
30	Tetrachloroethene	ND	80 µg/L
31	Chlorobenzene	ND	80 µg/L
32	Ethylbenzene	700	40 µg/L
33	m,p-Xylene	1,400	40 µg/L
34	Bromoform	ND	80 µg/L
35	o-Xylene	120	40 µg/L
36	1,1,2,2-Tetrachloroethane	ND	80 µg/L
37	1,3-Dichlorobenzene	ND	80 µg/L
38	1,4-Dichlorobenzene	ND	80 µg/L
39	1,2-Dichlorobenzene	ND	80 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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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: STR13011642-02A
Client I.D. Number: MW-2

Sampled: 01/14/13 14:44
Received: 01/16/13
Extracted: 01/18/13
Analyzed: 01/18/13

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

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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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: STR13011642-03A
Client I.D. Number: MW-3

Sampled: 01/14/13 15:34
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

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

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

1/23/13
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: STR13011642-04A
Client I.D. Number: MW-4

Sampled: 01/14/13 16:37
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	12 µg/L
2	Vinyl chloride	130	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)	ND	30 µg/L
8	Dichloromethane	ND	12 µg/L
9	trans-1,2-Dichloroethene	23	3.0 µg/L
10	Methyl tert-butyl ether (MTBE)	3.1	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	280	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	350	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	6.2	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	38	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	47	1.5 µg/L
33	m,p-Xylene	42	1.5 µg/L
34	Bromoform	ND	3.0 µg/L
35	o-Xylene	9.6	1.5 µg/L
36	1,1,2,2-Tetrachloroethane	ND	3.0 µg/L
37	1,3-Dichlorobenzene	9.2	3.0 µg/L
38	1,4-Dichlorobenzene	8.0	3.0 µg/L
39	1,2-Dichlorobenzene	26	3.0 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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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: STR13011642-05A
Client I.D. Number: MW-5

Sampled: 01/14/13 15:16
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

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)	ND	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	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	11	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	8.1	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	90	0.50 µg/L
33	m,p-Xylene	38	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	3.3	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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(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: STR13011642-06A
Client I.D. Number: MW-6

Sampled: 01/14/13 14:59
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

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	65	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	3.9	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	64	0.50 µg/L
33	m,p-Xylene	50	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	3.0	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

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Report Date

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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: STR13011642-07A
Client I.D. Number: MW-7

Sampled: 01/14/13 15:49
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	8.0 µg/L
2	Vinyl chloride	80	2.0 µg/L
3	Chloroethane	ND	2.0 µg/L
4	Bromomethane	ND	8.0 µg/L
5	Trichlorofluoromethane	ND	2.0 µg/L
6	1,1-Dichloroethene	ND	2.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	20 µg/L
8	Dichloromethane	ND	8.0 µg/L
9	trans-1,2-Dichloroethene	2.8	2.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L
11	1,1-Dichloroethane	ND	2.0 µg/L
12	Di-Isopropyl Ether (DIPE)	ND	2.0 µg/L
13	cis-1,2-Dichloroethene	280	2.0 µg/L
14	Chloroform	ND	2.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0 µg/L
16	1,2-Dichloroethane	ND	2.0 µg/L
17	1,1,1-Trichloroethane	ND	2.0 µg/L
18	Carbon tetrachloride	ND	2.0 µg/L
19	Benzene	180	1.0 µg/L
20	Tertiary Amyl Methyl Ether (TAME)	ND	2.0 µg/L
21	1,2-Dichloropropane	ND	2.0 µg/L
22	Trichloroethene	3.5	2.0 µg/L
23	Bromodichloromethane	ND	2.0 µg/L
24	cis-1,3-Dichloropropene	ND	2.0 µg/L
25	trans-1,3-Dichloropropene	ND	2.0 µg/L
26	1,1,2-Trichloroethane	ND	2.0 µg/L
27	Toluene	25	1.0 µg/L
28	Dibromochloromethane	ND	2.0 µg/L
29	1,2-Dibromoethane (EDB)	ND	4.0 µg/L
30	Tetrachloroethene	ND	2.0 µg/L
31	Chlorobenzene	ND	2.0 µg/L
32	Ethylbenzene	8.2	1.0 µg/L
33	m,p-Xylene	23	1.0 µg/L
34	Bromoform	ND	2.0 µg/L
35	o-Xylene	4.6	1.0 µg/L
36	1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
37	1,3-Dichlorobenzene	ND	2.0 µg/L
38	1,4-Dichlorobenzene	ND	2.0 µg/L
39	1,2-Dichlorobenzene	5.8	2.0 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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1/23/13
Report Date

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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: STR13011642-08A
Client I.D. Number: MW-8

Sampled: 01/14/13 16:19
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

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	4.3	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	3.0	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	2.7	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

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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: STR13011642-09A
Client I.D. Number: MW-9

Sampled: 01/14/13 16:51
Received: 01/16/13
Extracted: 01/17/13
Analyzed: 01/17/13

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)	ND	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	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	0.64	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	28	0.50 µg/L
33	m,p-Xylene	33	0.50 µg/L
34	Bromoform	ND	1.0 µg/L
35	o-Xylene	2.6	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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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.

1/23/13
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: STR13011642 **Job:** 2090-1970-01/Grimit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
13011642-01A	MW-1	Aqueous	6
13011642-02A	MW-2	Aqueous	2
13011642-03A	MW-3	Aqueous	2
13011642-04A	MW-4	Aqueous	2
13011642-05A	MW-5	Aqueous	2
13011642-06A	MW-6	Aqueous	2
13011642-07A	MW-7	Aqueous	2
13011642-08A	MW-8	Aqueous	2
13011642-09A	MW-9	Aqueous	2

1/23/13
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: *23-Jan-13*

QC Summary Report

Work Order: 13011642

Method Blank

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

File ID: Batch ID: **W0119OG** Analysis Date: **01/19/2013 00:00**

Sample ID: **MBLK W0119OG** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/19/2013 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: **W0119OG** Analysis Date: **01/19/2013 00:00**

Sample ID: **LCS W0119OG** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/19/2013 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	41800	5000	40000		105	78	114			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method 1664A**

File ID: Batch ID: **W0119OG** Analysis Date: **01/19/2013 00:00**

Sample ID: **13011642-01AMS** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/19/2013 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	524000	5000	40000	79800	1110	78	114			M1

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.

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

HEM = 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: *23-Jan-13*

QC Summary Report

Work Order: 13011642

Method Blank

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

File ID:
Batch ID: **W0123SG** Analysis Date: **01/23/2013 00:00**
Sample ID: **MBLK W0123SG** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/23/2013 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: **W0123SG** Analysis Date: **01/23/2013 00:00**
Sample ID: **LCS W0123SG** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/23/2013 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	15100	5000	20000		76	64	132			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method 1664A**

File ID:
Batch ID: **W0123SG** Analysis Date: **01/23/2013 00:00**
Sample ID: **13011642-01AMS** Units : **µg/L** Run ID: **WETLAB_130119B** Prep Date: **01/23/2013 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	276000	5000	20000	61100	1080	64	132			M1

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.

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

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: *21-Jan-13*

QC Summary Report

Work Order: 13011642

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C / SW8260B**
File ID: **13011704.D** Batch ID: **MS09W0117B** Analysis Date: **01/17/2013 11:08**
Sample ID: **MBLK MS09W0117B** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 11:08**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	11		10		110	70	130			
Surr: Toluene-d8	9.67		10		97	70	130			
Surr: 4-Bromofluorobenzene	10.6		10		106	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C / SW8260B**
File ID: **13011702.D** Batch ID: **MS09W0117B** Analysis Date: **01/17/2013 10:24**
Sample ID: **GLCS MS09W0117B** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 10:24**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	445	50	400		111	70	130			
Surr: 1,2-Dichloroethane-d4	11.1		10		111	70	130			
Surr: Toluene-d8	9.89		10		99	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C / SW8260B**
File ID: **13011717.D** Batch ID: **MS09W0117B** Analysis Date: **01/17/2013 16:05**
Sample ID: **13011601-04AGS** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 16:05**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2100	250	2000	0	105	54	143			
Surr: 1,2-Dichloroethane-d4	53.1		50		106	70	130			
Surr: Toluene-d8	52		50		104	70	130			
Surr: 4-Bromofluorobenzene	51.5		50		103	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C / SW8260B**
File ID: **13011718.D** Batch ID: **MS09W0117B** Analysis Date: **01/17/2013 16:28**
Sample ID: **13011601-04AGSD** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 16:28**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2050	250	2000	0	102	54	143	2096	2.4(23)	
Surr: 1,2-Dichloroethane-d4	52.3		50		105	70	130			
Surr: Toluene-d8	52.5		50		105	70	130			
Surr: 4-Bromofluorobenzene	50		50		100	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: 21-Jan-13

QC Summary Report

Work Order: 13011642

Method Blank

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

File ID: **13011704.D** Batch ID: **MS09W0117A** Analysis Date: **01/17/2013 11:08**

Sample ID: **MBLK MS09W0117A** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 11:08**

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	11		10		110	70	130			
Surr: Toluene-d8	9.67		10		97	70	130			
Surr: 4-Bromofluorobenzene	10.6		10		106	70	130			

Laboratory Control Spike

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

File ID: **13011703.D** Batch ID: **MS09W0117A** Analysis Date: **01/17/2013 10:46**

Sample ID: **LCS MS09W0117A** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 10:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	11.4	1	10		114	80	120			
Methyl tert-butyl ether (MTBE)	9.46	0.5	10		95	63	137			
Benzene	9.85	0.5	10		99	70	130			
Trichloroethene	10.8	1	10		108	68	138			
Toluene	9.61	0.5	10		96	80	120			
Chlorobenzene	9.6	1	10		96	70	130			
Ethylbenzene	9.69	0.5	10		97	80	120			
m,p-Xylene	9.88	0.5	10		99	65	139			
o-Xylene	10.1	0.5	10		101	70	130			
Surr: 1,2-Dichloroethane-d4	11.5		10		115	70	130			
Surr: Toluene-d8	9.71		10		97	70	130			
Surr: 4-Bromofluorobenzene	9.26		10		93	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: *21-Jan-13*

QC Summary Report

Work Order: 13011642

Sample Matrix Spike

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

File ID: **13011715.D** Batch ID: **MS09W0117A** Analysis Date: **01/17/2013 15:19**

Sample ID: **13011601-04AMS** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 15:19**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	53.8	2.5	50	0	108	62	133			
Methyl tert-butyl ether (MTBE)	45.7	1.3	50	0	91	56	140			
Benzene	49.3	1.3	50	0	99	67	134			
Trichloroethene	53.7	2.5	50	0	107	68	138			
Toluene	49.5	1.3	50	0	99	38	130			
Chlorobenzene	49.8	2.5	50	0	99.6	70	130			
Ethylbenzene	51.1	1.3	50	0	102	70	130			
m,p-Xylene	52.4	1.3	50	0	105	65	139			
o-Xylene	52.9	1.3	50	0	106	69	130			
Surr: 1,2-Dichloroethane-d4	56.9		50		114	70	130			
Surr: Toluene-d8	47.9		50		96	70	130			
Surr: 4-Bromofluorobenzene	47.5		50		95	70	130			

Sample Matrix Spike Duplicate

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

File ID: **13011716.D** Batch ID: **MS09W0117A** Analysis Date: **01/17/2013 15:42**

Sample ID: **13011601-04AMSD** Units : **µg/L** Run ID: **MSD_09_130117A** Prep Date: **01/17/2013 15:42**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	57.5	2.5	50	0	115	62	133	53.83	6.6(35)	
Methyl tert-butyl ether (MTBE)	53.7	1.3	50	0	107	56	140	45.74	16.0(40)	
Benzene	53.8	1.3	50	0	108	67	134	49.32	8.6(21)	
Trichloroethene	56.6	2.5	50	0	113	68	138	53.68	5.2(20)	
Toluene	54.1	1.3	50	0	108	38	130	49.5	8.9(20)	
Chlorobenzene	55.5	2.5	50	0	111	70	130	49.79	10.8(20)	
Ethylbenzene	56	1.3	50	0	112	70	130	51.05	9.3(20)	
m,p-Xylene	55.6	1.3	50	0	111	65	139	52.4	6.0(20)	
o-Xylene	58.4	1.3	50	0	117	69	130	52.85	10.0(20)	
Surr: 1,2-Dichloroethane-d4	57.8		50		116	70	130			
Surr: Toluene-d8	49.6		50		99	70	130			
Surr: 4-Bromofluorobenzene	46.5		50		93	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.

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 : STR13011642

Report Due By : 5:00 PM On : 23-Jan-13

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

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

EDD Required : Yes

Sampled by : Carl Schulze

PO :

Client's COC # : 10569 Job : 2090-1970-01/Grimit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	16-Jan-13	23-Jan-13

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
STR13011642-01A	MW-1	AQ	01/14/13 16:04	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-02A	MW-2	AQ	01/14/13 14:44	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-03A	MW-3	AQ	01/14/13 15:34	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-04A	MW-4	AQ	01/14/13 16:37	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-05A	MW-5	AQ	01/14/13 15:16	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-06A	MW-6	AQ	01/14/13 14:59	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-07A	MW-7	AQ	01/14/13 15:49	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-08A	MW-8	AQ	01/14/13 16:19	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					
STR13011642-09A	MW-9	AQ	01/14/13 16:51	7	0	5	X		GAS-C	8260/OXYS/EDB_Cs					

Comments: Security seals intact. Frozen ice. VOCs logged in as 8260/OXYs/EDB, per client notes. Amended 1/23/13 to cancel O&G SGT for samples -02A, -03A, and -05A through -09A due to lab protocol. SN :

	Signature	Print Name	Company	Date/Time
Logged in by:		Sarah Neri	Alpha Analytical, Inc.	1/23/13 1336

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

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

CA

WorkOrder : STR13011642

Report Due By : 5:00 PM On : 23-Jan-13

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 # : 10569 Job : 2090-1970-01/Grimit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	16-Jan-13	16-Jan-13

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
STR13011642-01A	MW-1	AQ	01/14/13 16:04	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-02A	MW-2	AQ	01/14/13 14:44	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-03A	MW-3	AQ	01/14/13 15:34	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-04A	MW-4	AQ	01/14/13 16:37	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-05A	MW-5	AQ	01/14/13 15:16	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-06A	MW-6	AQ	01/14/13 14:59	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-07A	MW-7	AQ	01/14/13 15:49	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-08A	MW-8	AQ	01/14/13 16:19	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					
STR13011642-09A	MW-9	AQ	01/14/13 16:51	7	0	5	X	X	GAS-C	8260/OXYS/EDB_Cs					

Comments: Security seals intact. Frozen ice. VOCs logged in as 8260/OXYs/EDB, per client notes. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Sandra Wen	Alpha Analytical, Inc.	1/16/13 1030

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:
Company: Stratus Environmental
Attn:
Address: 3330 Cameron Park Dr.
City, State, Zip: Cameron Park, CA
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: 916-368-9089
Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 Phone: 702-261-4848
Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 Phone: 714-388-2901

10569

Page # 1 of 1

Consultant/ Client Info:
Company: Grimit 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 Level: III or IV

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

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	# Containers** (See Key Below)	GRO	BTEX	5 oxy's	1,2-DCA, EDB	oil & grease	HVOC's	Remarks
1604	01/14	AQ		MW-1	std	n	5V/2L	X	X	X	X	X	X	
1444	01/14	AQ		MW-2										
1534	01/14	AQ		MW-3										
1637	01/14	AQ		MW-4										
1516	01/14	AQ		MW-5										
1459	01/14	AQ		MW-6										
1549	01/14	AQ		MW-7										
1619	01/14	AQ		MW-8										
1651	01/14	AQ		MW-9										

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:
	01/15/13	1215	ERMcAMO	01.15.13	1215
Relinquished by: (Signature/Affiliation)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:
			Alpha	1/16/13	1014
Relinquished by: (Signature/Affiliation)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:

* Key: AQ - Aqueous WA - Waste OT - Other **: 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 EDF FILE

SUCCESS

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

Submittal Type:	EDF
Report Title:	1Q13 QMR Analytical 1-14-13
Report Type:	Monitoring Report - Quarterly
Facility Global ID:	T0600100667
Facility Name:	GRIMIT AUTO REPAIR & SERVICE
File Name:	13011642_EDF.zip
Organization Name:	Stratus Environmental, Inc.
Username:	STRATUS NOCAL
IP Address:	50.192.223.97
Submittal Date/Time:	4/2/2013 8:14:27 AM
Confirmation Number:	9417646288

VIEW QC REPORT

VIEW DETECTIONS REPORT

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:	1Q13 QMR Geowell 1-14-13
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:	4/2/2013 8:11:31 AM
Confirmation Number:	8574159145