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11:23 am, Mar 30, 2011
Alameda County
Environmental Health

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 *Quarterly Groundwater Monitoring Report, First Quarter 2011* 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

March 24, 2011
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: Semi-Annual Groundwater Monitoring Report, First Quarter 2011
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 Ms. Peggy Garcia, 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 2011, and presents the findings of a groundwater monitoring and sampling event performed in January 2011. This report has been prepared in compliance with 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. 7471
STATE OF CALIFORNIA

Scott Bittinger, P.G.
Project Manager

Gowri S. Kowtha, P.E.
Principal Engineer

Attachment: Semi-Annual Groundwater Monitoring Report, First Quarter 2011

cc: Ms. Peggy Garcia, Trustee, Grimit Family Trust
Ms. Angel LaMarca

March 24, 2011

GRIMIT AUTO REPAIR & SERVICE
QUARTERLY GROUNDWATER MONITORING 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 2011):

1. Stratus conducted groundwater monitoring and sampling activities on January 31, 2011. During this event, wells MW-1 through MW-9 were gauged to determine depth to groundwater, and evaluated for the presence of free product. Monitoring wells MW-2 through MW-9 were also gauged for dissolved oxygen (DO), temperature, pH, oxygen reduction potential (ORP) and conductivity. Following gauging, these wells were purged and sampled. MW-1 was not sampled during this sampling event due to the presence of free product. 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 2011):

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 second quarter 2011.

Discussion:

In a letter dated October 1, 2010, ACEHD personnel requested that a water supply (irrigation) well reportedly located at 1955 Seminary Boulevard be located and sampled to verify that groundwater contaminants have not impacted the well. In November 2010, Stratus forwarded an access agreement to this property owner requesting permission to inspect/sample the well. After receiving no response to the request for access, Stratus has attempted contact with this property owner; however, to date this property owner has been unresponsive to Stratus' requests for access. Assistance from ACEHD personnel will likely be necessary in order for the requested well sampling work to be completed.

The October 1, 2010 letter also approved a scope of work to collect soil gas samples on the property immediately southwest of the site (at 5900 Holway Street) and collect soil gas samples and advance an exploratory soil boring on the property immediately southeast of the site (at 5909 Harmon Avenue). In November 2010, Stratus forwarded access agreements to both of these property owners. Stratus spoke several times to the property owner at 5900 Holway Street; this gentleman has been indecisive regarding the work, and to date has not signed the access agreement. Despite efforts to explain the scope of work to him, the owner at 5900 Holway Street clearly does not understand the project and is thus reluctant to sign any formal documents for property access. The property owner at 5909 Harmon Avenue appears unwilling to grant access to their property at this time. Assistance from ACEHD personnel will also likely be necessary if this work is to be completed.

On November 16, 2010, Stratus submitted a document titled *Amendments to Site Conceptual Model, Revised Work Plan Addendum, and Interim Remedial Action Plan*, which was requested by ACEHD in the October 1, 2010 letter. This document included a scope of work which recommended the completion of dual phase extraction (DPE) remediation onsite, as an interim remedial action measure to mitigate previously documented free product and residual petroleum hydrocarbon impact in this area of the site. Also proposed was the modification/expansion of a site assessment project to further evaluate the lateral and vertical extent of impact to soil and groundwater near the site. To date, ACEHD personnel have not formally reviewed and responded to the proposed work scope. Implementation of the proposed work will begin shortly following ACEHD approval of the November 16, 2010 document.

Current Phase of Project:	Monitoring
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 31, 2011
Is Free Product (FP) Present on Site:	Yes (MW-1, 0.21 feet thickness). Product sheen also observed at MW-4, MW-5, and MW-7
Approximate Depth to Groundwater (Shallow Screened Wells):	3.16 to 11.98 feet below top of well casing
Approximate Depth to Groundwater (Deep Screened Wells)	17.63 to 20.15 feet below top of well casing
Groundwater Flow Direction and Gradient (Shallow Screened Wells):	West-northwest ; 0.18 ft/ft
Groundwater Flow Direction and Gradient (Deep Screened Wells):	Predominantly north ; 0.07 to 0.11 ft/ft

DISCUSSION:

Stratus conducted groundwater monitoring and sampling activities on January 31, 2011. During this event, wells MW-1 through MW-9 were gauged to determine depth to groundwater, and evaluated for the presence of free product. Monitoring wells MW-2 through MW-9 were also gauged for DO, temperature, pH, ORP and conductivity. MW-1 was not sampled during this sampling event due to the presence of free product. Following gauging, monitoring wells MW-2 through MW-9 were purged and sampled. Groundwater samples were forwarded to a state-certified analytical laboratory for gasoline range organics (GRO) by EPA Method 8015, 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) and halogenated volatile organic compounds (HVOCs) by EPA Method 8260B and oil & grease (O&G) with silica gel cleanup by EPA Method 1664A.

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 2011 sampling event, depth to groundwater ranged from 3.16 to 11.98 feet below the top of the well casing. Groundwater elevations had increased between 0.51 and 2.24 feet in all wells since the previous monitoring event (July 29, 2010). Depth-to-water measurements were converted to feet above mean sea level (MSL) and used to construct a groundwater elevation contour map (Figure 3). A west-northwest groundwater flow direction was observed, using the January 2011 groundwater level measurements, with a calculated gradient of approximately 0.18 ft/ft.

During the first quarter 2011 sampling event, concentrations of GRO were reported in monitoring wells MW-6 (1,100 micrograms per liter (µg/L)) and MW-9 (560 µg/L). Monitoring well MW-6 also reported

concentrations of benzene, toluene, ethylbenzene, xylenes and cis-1,2-DCE at 85 µg/L, 5.3 µg/L, 75 µg/L, 69.4 µg/L and 1.2 µg/L, respectively. Monitoring well MW-3 and MW-8 reported no concentrations of any sampled analytes during the first quarter 2011. Analytical results of GRO, benzene and MTBE for groundwater samples collected during the first quarter 2011 are presented in Figure 5. Analytical results of select halogenated volatile organic compounds for groundwater samples collected during the first quarter 2011 are presented in Figure 6.

Deep Screened Well Network

Five groundwater monitoring wells (MW-1, MW-2, MW-4, MW-5 and MW-7) have been screened below the level of the site's fluctuating water table interface and thus have submerged well screens; these wells constitute the 'deep screened' wells at the site. During the first quarter 2011, all deeper screened monitoring wells were gauged for depth to water, presence of free product, temperature, DO, conductivity, pH, and ORP. Following gauging, MW-2, MW-4, MW-5 and MW-7 were purged and sampled. Due to the presence of free product, at a thickness of 0.21 feet, MW-1 was not sampled. Sheen was also noted in wells MW-4, MW-5 and MW-7.

Depth to groundwater ranged from 17.63 to 20.15 feet below the top of the well casing. Depth-to-water measurements were converted to feet above MSL and used to construct a groundwater elevation contour map (Figure 4). At the time of the first quarter 2011 sampling event, groundwater elevations had increased between 1.77 and 3.01 feet in all deep zoned wells since the previous monitoring event (July 29, 2010), with the exception of well MW-2 which decreased 7.57 feet since the last gauging event. A predominantly northerly groundwater flow direction with a calculated gradient range of 0.07 to 0.11 ft/ft was observed during the first quarter 2011 monitoring event.

GRO was reported in deep-screened monitoring wells MW-4, MW-5 and MW-7 with a maximum concentration of 5,400 µg/L detected in MW-7. Xylenes, 1,2-DCA, cis-1,2-DCE and TCE were reported in monitoring well MW-2 at concentrations of 0.60 µg/L, 9.5 µg/L, 6.5 µg/L and 12 µg/L, respectively. Monitoring Well MW-4 reported concentrations of GRO (1,300 µg/L), benzene (280 µg/L), toluene (14 µg/L), ethylbenzene (17 µg/L), xylenes (4.6 µg/L), MTBE (3.9 µg/L), 1,2-DCB (22 µg/L), cis-1-2-DCE (93 µg/L), trans-1-2-DCE (18 µg/L), and vinyl chloride (160 µg/L). Well MW-5 reported concentrations of GRO (4,400 µg/L), benzene (25 µg/L), toluene (12 µg/L), ethylbenzene (170 µg/L) and xylenes (78.1 µg/L). GRO (5,400 µg/L), benzene (210 µg/L), toluene (29 µg/L), ethylbenzene (13 µg/L), xylenes (28.7 µg/L), cis-1-2-DCE (100 µg/L), TCE (5.1 µg/L) and vinyl chloride (24 µg/L) were reported in well MW-7. O&G were reported in wells MW-4 (20,000 µg/L) and MW-7 (14,000 µg/L) without silica gel cleanup and below the laboratory reporting limit of 5,000 µg/L with silica gel cleanup. Analytical results of GRO, benzene and MTBE and select halogenated volatile organic compounds for groundwater samples collected during the first quarter 2011 are presented in Figures 5 and 6, respectively.

ATTACHMENTS:

- Table 1 Well Construction Detail Summary
- Table 2 Groundwater Elevation and Analytical Summary
- Table 3 Analytical Results for Fuel Oxygenates and Additives
- Table 4 Analytical Results for Volatile Organic Compounds
- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Groundwater Elevation Contour Map, Shallow Screened Wells
- Figure 4 Groundwater Elevation Contour Map, Deep Screened Wells
- Figure 5 Petroleum Hydrocarbon Groundwater Analytical Summary (1st Quarter 2011)
- Figure 6 Halogenated VOC Groundwater Analytical Summary (1st Quarter 2011)
- 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
WELL CONSTRUCTION DETAIL 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)	Elevation (corrected*) (ft MSL)
MW-1 (deep)	07/22/00	21.93	36.99	sheen	15.06
	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
	1/23/2009 [1]	19.71	40.02	0.08	20.37
	07/20/09	19.58	40.02	0.125	20.53
	1/25/2010 [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
MW-2 (deep)	07/22/00	13.73	36.40	--	22.67
	01/29/01	12.25	36.40	--	24.15
	7/28/2001 [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
	1/23/2009 [1]	20.17	39.42	--	19.25
	07/20/09	15.16	39.42	--	24.26
	1/25/2010 [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

TABLE 1
WELL CONSTRUCTION DETAIL 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)	Elevation (corrected*) (ft MSL)
MW-3	07/22/00	9.41	36.94	--	27.53
(shallow)	01/29/01	7.23	36.94	--	29.71
	07/28/01	8.63	36.94	--	28.31
	02/03/02	7.99	36.94	--	28.95
	07/23/02	10.17	36.94	--	26.77
	01/20/03	6.76	36.94	--	30.18
	07/30/03	10.13	36.94	--	26.81
	01/27/04	7.65	36.94	--	29.29
	07/22/04	11.29	39.95	--	28.66
	01/20/05	6.24	39.95	--	33.71
	07/20/05	9.03	39.95	--	30.92
	01/26/06	6.49	39.95	--	33.46
	07/27/06	8.80	39.95	--	31.15
	01/24/07	8.75	39.95	--	31.20
	07/18/07	11.29	39.95	--	28.66
	02/15/08	6.79	39.95	--	33.16
	07/25/08	12.40	39.95	--	27.55
	1/23/2009 [1]	9.72	39.95	--	30.23
	07/20/09	10.81	39.95	--	29.14
	1/25/2010 [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
MW-4	07/22/00	20.67	36.47	--	15.80
(deep)	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
	1/23/2009 [1]	19.99	36.49	--	16.50
	07/20/09	20.58	36.49	--	15.91
	1/25/2010 [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

TABLE 1
WELL CONSTRUCTION DETAIL 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)	Elevation (corrected*) (ft MSL)
MW-5	07/22/00	21.42	36.77	--	15.35
(deep)	01/29/01	20.79	36.77	--	15.98
	07/28/01	21.07	36.77	--	15.70
	02/03/02	17.67	36.77	--	19.10
	07/23/02	20.16	36.77	--	16.61
	01/20/03	17.21	36.77	--	19.56
	07/30/03	20.32	36.77	--	16.45
	01/27/04	18.34	36.77	--	18.43
	07/22/04	20.90	39.79	--	18.89
	01/20/05	15.89	39.79	--	23.90
	07/20/05	17.97	39.79	--	21.82
	01/26/06	15.49	39.79	--	24.30
	07/27/06	18.50	39.79	--	21.29
	01/24/07	18.76	39.79	--	21.03
	07/18/07	20.12	39.79	--	19.67
	2/15/2008 [1]	16.35	39.79	--	23.44
	07/25/08	20.57	39.79	--	19.22
	1/23/2009 [1]	19.42	39.79	--	20.37
	07/20/09	20.35	39.79	--	19.44
	1/25/2010 [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
MW-6	07/22/00	11.50	36.42	--	24.92
(shallow)	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
	1/23/2009 [1]	9.82	39.44	--	29.62
	07/20/09	11.02	39.44	--	28.42
	1/25/2010 [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

TABLE 1
WELL CONSTRUCTION DETAIL 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)	Elevation (corrected*) (ft MSL)
MW-7	07/22/00	19.85	36.83	--	16.98
(deep)	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
	7/25/2008 [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
	1/25/2010 [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
MW-8	07/22/00	5.47	36.55	--	31.08
(shallow)	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
	1/23/2009 [1]	3.55	39.49	--	35.94
	07/20/09	5.71	39.49	--	33.78
	1/25/2010 [1,2]	1.15	39.49	--	38.34
	07/29/10	5.40	39.49	--	34.09
	01/31/11	3.16	39.49	--	36.33

TABLE 1
WELL CONSTRUCTION DETAIL 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)	Elevation (corrected*) (ft MSL)
MW-9	07/22/00	15.78	36.70	--	20.92
(shallow)	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
	1/23/2009 [1]	13.08	39.71	--	26.63
	07/20/09	13.63	39.71	--	26.08
	1/25/2010 [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

Legend/Key:

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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	NS
(deep)	01/29/01	36,000	76,000[1,2]	2,100	2,300	1,200	4,500	NS
	07/28/01	99,000	86 000[1,2]	1,500	2,300	1,700	6,600	NS
	02/03/02	42,000	42,000[1,2]	1,200	1,300	1,100	3,900	NS
	07/23/02	53,000	170,000[1,2]	1,700	2,800	1,500	5,100	NS
	01/20/03	33,000	65,000[1,2]	2,100	2,500	1,300	4,400	NS
	07/30/03	24,000	55,000[1]	1,300	1,500	760	2,700	NS
	01/27/04	21,000	220,000[1]	1,600	1,500	1,100	3,200	NS
	07/22/04	31,000	780,000[1,2]	1,500	1,700	1,200	4,100	NS
	01/20/05	25000	72,000[1,2]	1,300	1400	1,000	2,800	NS
	07/20/05	22,000	500,000[1,2]	1,100	1,600	830	2,600	NS
	01/26/06	28000	64,000[1,2]	1,600	1,500	1,200	3,500	NS
	07/27/06	25,000	NA	810	1,000	1,100	3,200	NS
	01/25/07	32,000	170,000[1]	990	960	1,100	3,500	NS
	07/19/07	32,000	1,100,000[1]	600	740	950	2,500	NS
	02/15/08	28,000	3,500,000[1,2]	930	780	940	2,500	NS
	07/25/08	28,000	NA	540	580	750	2,000	NA
	01/23/09	52,000	1,000,000[1,2]	420	350	1,400	3,600	NS
	07/21/09	19,000	46,000[1]	530	500	890	2,300	NS
	01/25/10	23,000	140,000[1,2]	780	540	850	2,200	NS
	07/29/10			Not Sampled - Free Product present				
	01/31/11			Not Sampled - Free Product present				

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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	NS
(shallow)	01/29/01	2,500	<5,000[1,2]	220	11	150	230	NS
	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	NS
	07/23/02	1,100	<5,000[1,2]	160	6.5	54	35	NS
	01/20/03	3,800	<5,000[1,2]	370	33	220	300	NS
	07/30/03	2,000	<5,000[1,2]	250	4.8	50	24	NS
	01/27/04	2,600	<5,000[1,2]	420	20	170	180	NS
	07/22/04	1,200	<5,000[1,2]	110	3.2	36	17	NS
	01/20/05	3,100	<5,000[1,2]	280	21	180	250	NS
	07/20/05	730	<5,000[1,2]	66	4.4	25	26	NS
	01/26/06	1,900	<5,000[1,2]	180	12	120	140	NS
	07/27/06	670	<5,000[1,2]	120	5	17	15	NS
	01/25/07	650	<5,000[1,2]	99	2.7	20	16	NS
	07/19/07	4,200	<5,000[1,2]	360	18	47	55	NS
	02/15/08	2,100	<5,000[1,2]	200	10	100	97	NS
	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	NS
	07/21/09	290	<5,000[1,2]	40	1.9	9.3	7.8	NS
	01/25/10	740	<5,000[1,2]	80	4.9	54	62	NS
	07/29/10	220	<5,000	25	0.68	7.3	4.9	NS
	01/31/11	1,100	<5,000	85	5.3	75	69.4	NS

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Grimit Auto Repair & Automotive Service, 1970 Seminary Avenue, Oakland, California

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

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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	NS
(shallow)	01/29/01	ND	<5,000[1,2]	0.87	ND	ND	ND	NS
	07/28/01	ND	<5,000[1,2]	ND	ND	ND	ND	NS
	02/03/02	ND	<5,000[1,2]	ND	ND	ND	ND	NS
	07/23/02	<50	<5,000[1,2]	0.87	<0.5	<0.5	<0.5	NS
	01/20/03	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/30/03	<50	<5,000[1,2]	2.0	<0.5	<0.5	<0.5	NS
	01/27/04	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/22/04	<50	<5,000[1,2]	1.2	<0.5	<0.5	<0.5	NS
	01/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	01/26/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/27/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	01/25/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/19/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	02/15/08	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	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	NS
	07/21/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	01/25/10	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	NS
	07/29/10	<50	<5,000	<0.50	<0.50	<0.5	<0.5	NS
	01/31/11	<50	<5,000	<0.50	<0.50	<0.5	<0.5	NS

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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	NS
(shallow)	01/29/01	3,800	5,000	160	35	260	310	NS
	07/28/01	5,700	<5,000[1,2]	43	27	210	420	NS
	02/03/02	7,800	<5,000[1,2]	98	51	450	640	NS
	07/23/02	2,300	<5,000[1,2]	29	14	120	96	NS
	01/20/03	5,000	<5,000[1]	76	25	350	340	NS
	07/30/03	570	<5,000[1,2]	7.2	1.2	14	4.8	NS
	01/27/04	820	<5,000[1,2]	14	2.6	35	35	NS
	07/22/04	460	<5,000[1,2]	5.3	1.2	4.0	7.2	NS
	01/20/05	330	<5,000[1,2]	6.2	1.5	8.9	12	NS
	07/20/05	260	<5,000[1,2]	1.7	2.0	<0.5	1.2	NS
	01/26/06	260	<5,000[1]	1.0	2.9	<0.5	0.64	NS
	07/27/06	410	<5,000[1]	1.1	1.4	0.52	<0.5	NS
	01/24/07	440	<5,000[1]	1.4	1.5	2.9	7.5	NS
	07/18/07	300	<5,000[1]	1.4	2.4	0.51	<0.5	NS
	02/15/08	490	<5,000[1]	2.8	5.2	7.1	22	NS
	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	NS
	07/20/09	910	<5,000[1,2]	2.5	4.8	2.6	2.4	NS
	01/25/10	550	<5,000[1,2]	2.2	6.5	11	33	NS
	07/29/10	670	<5,000	<0.50	<0.50	<0.50	1.1	NS
	01/31/11	560	<5,000	<0.50	<0.50	<0.50	0.80	NS

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
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
Oil and Grease = analyzed by EPA Method 1664A.
GRO = analyzed by EPA Method 8015B; all other analytes sampled by EPA Method 8260B
NA= Not available
NS= Not sampled
ft msl = feet above mean sea leve
µg/L = micrograms per liter
[1]=Gravimetric Method
[2]= HVOC detected
[3]= Reported as HEM / SGT HE

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								
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
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
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
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

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-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
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
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
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

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

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					
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

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
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

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
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

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

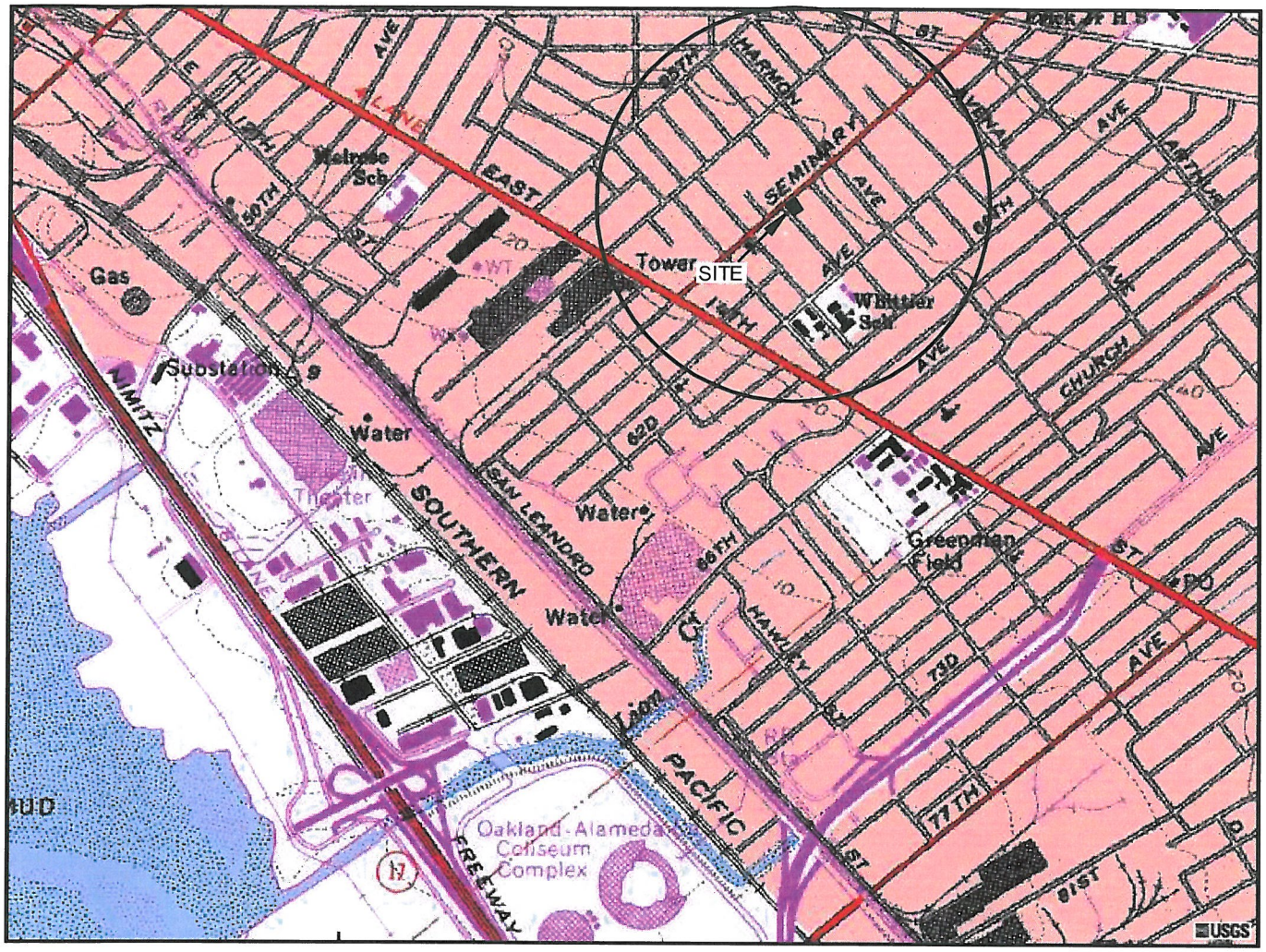
Well Number	Date Collected	CA (µg/L)	1,2-DCB (µg/L)	1,2-DCA (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DCP (µg/L)	PCE (µg/L)	TCE (µg/L)	VC (µg/L)
MW-7	7/22/2000[1]	<5	18	<5	170	<5	<5	<5	8	<5
(deep)	1/29/2001[1]	<5	18	<5	170	<5	<5	<5	8	<5
	7/28/2001[1]	<5	11	<5	170	<5	<5	<5	6.9	6.1
	02/03/02	<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
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

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

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] = Aadditional detections of VOCs noted, refer to GRIMIT/SEMINARY1-10GWSMPLREPORT, dated February 3, 2010.
Note: The table presents the analytical results of select chemical parameters based on historical presence at the site.



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

N

QUADRANGLE LOCATION

0 1800 FT

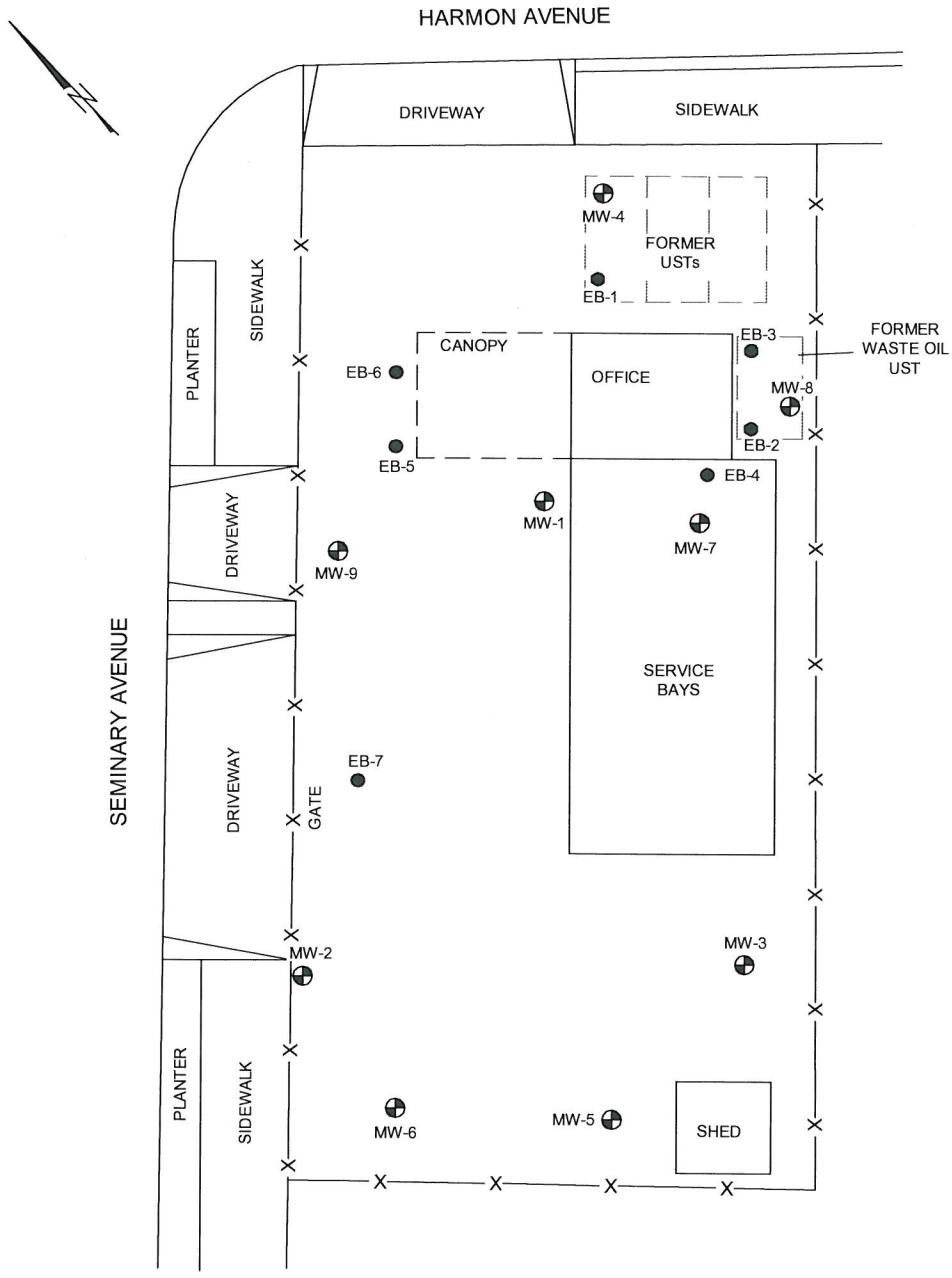
APPROXIMATE SCALE

STRATUS
ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE
1
PROJECT NO.
2090-1970-01



LEGEND

MW-1 GROUNDWATER MONITORING WELL LOCATION

EB-1 EXPLORATORY BORING LOCATION

0 20 FT

APPROXIMATE SCALE

NOTE: LOCATIONS OF ALL WELLS & SITE FEATURES ARE APPROXIMATE

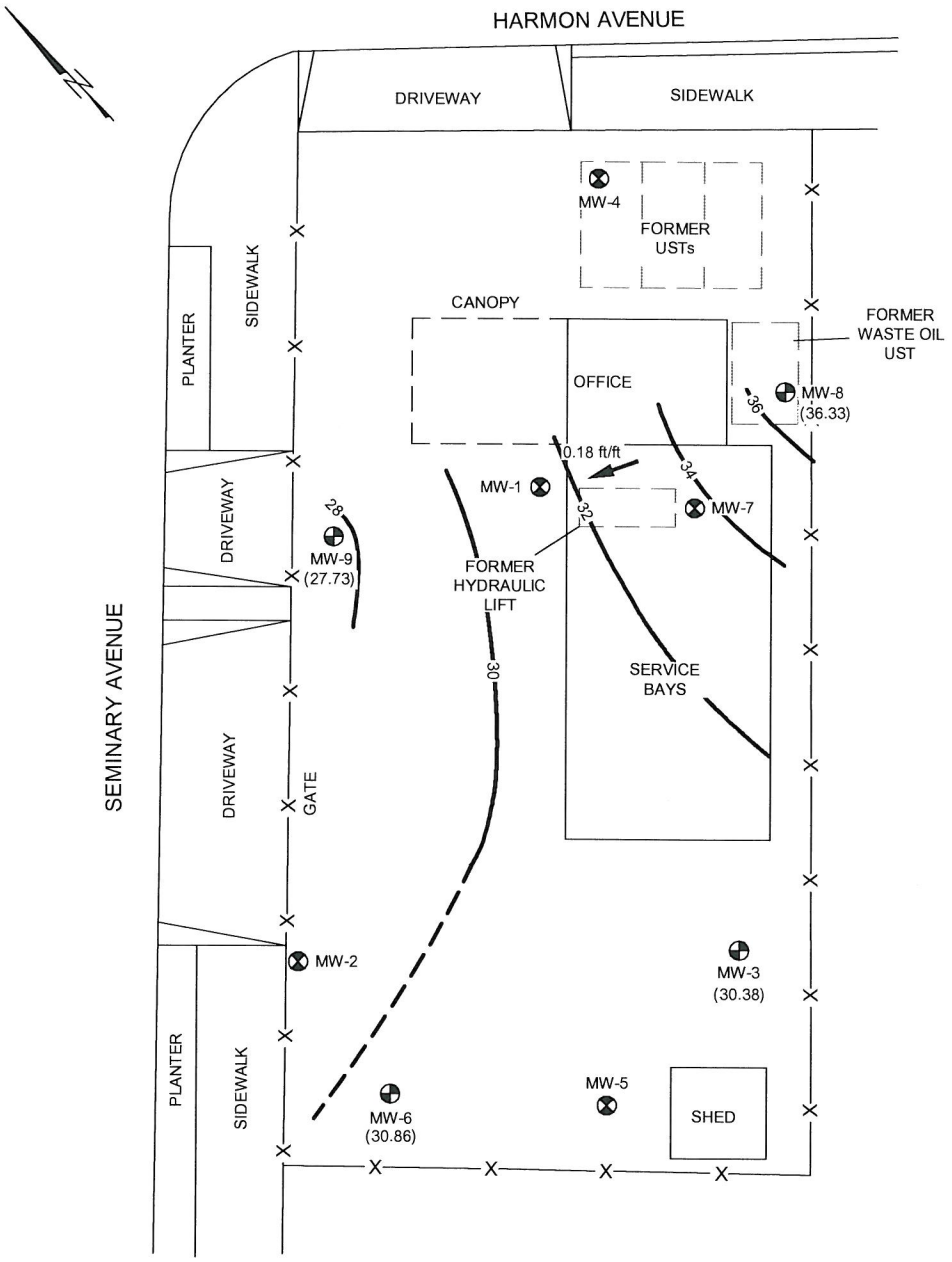
STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE PLAN

FIGURE
2

PROJECT NO.
2090-1970-1



LEGEND

- MW-3 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-1 DEEP SCREENED MONITORING WELL LOCATION
- (30.38) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
- —30— WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
- → INFERRED DIRECTION OF GROUND WATER FLOW

WELLS MEASURED: 1/31/11

0 20 FT

APPROXIMATE SCALE

NOTE: LOCATIONS OF ALL WELLS & SITE FEATURES ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

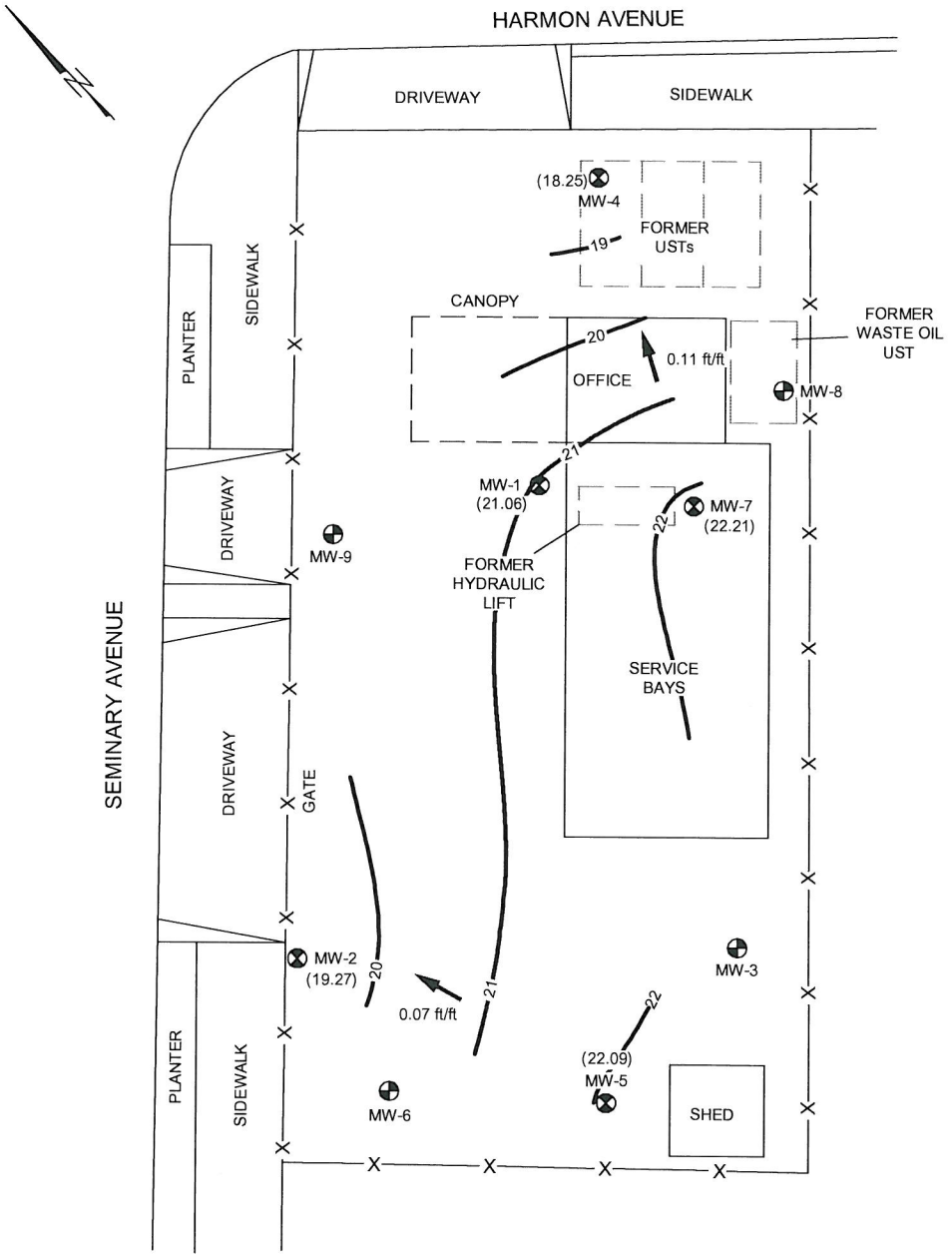
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW SCREENED WELLS
1st QUARTER 2011

FIGURE
3

PROJECT NO.
2090-1970-01

Grimit Auto\Quarterly JMP REV February 18, 2011 Grimit Quarterly Figures



LEGEND

- MW-3 SHALLOW SCREENED MONITORING WELL LOCATION
- MW-1 DEEP SCREENED MONITORING WELL LOCATION
- (21.06) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
- —21— WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
- → INFERRED DIRECTION OF GROUND WATER FLOW

WELLS MEASURED: 1/31/11

0 20 FT

APPROXIMATE SCALE

NOTE: LOCATIONS OF ALL WELLS & SITE FEATURES ARE APPROXIMATE

STRATUS ENVIRONMENTAL, INC.

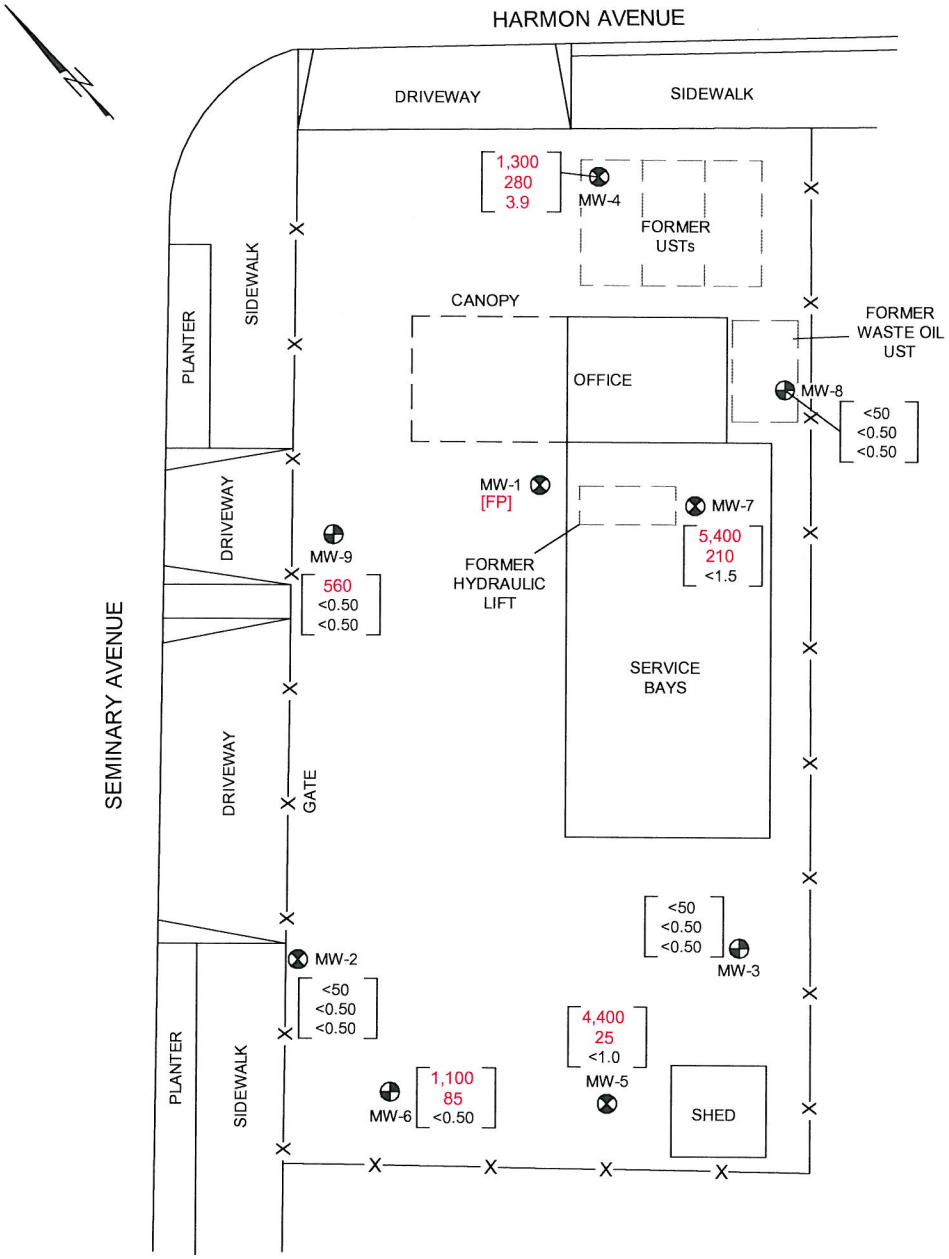
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
DEEP SCREENED WELLS
1st QUARTER 2011

FIGURE
4

PROJECT NO.
2090-1970-01

Grimit Auto\Quarterly JMP REV February 18, 2011 Grimit Quarterly Figures



LEGEND

MW-3 SHALLOW SCREENED MONITORING WELL LOCATION

MW-1 DEEP SCREENED MONITORING WELL LOCATION

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

SAMPLES COLLECTED ON 1/31/11

GRO ANALYZED BY EPA METHOD 8015B

BENZENE & MTBE ANALYZED BY EPA METHOD 8260B

[FP] = FREE PRODUCT

0 20 FT

APPROXIMATE SCALE

NOTE: LOCATIONS OF ALL WELLS & SITE FEATURES ARE APPROXIMATE

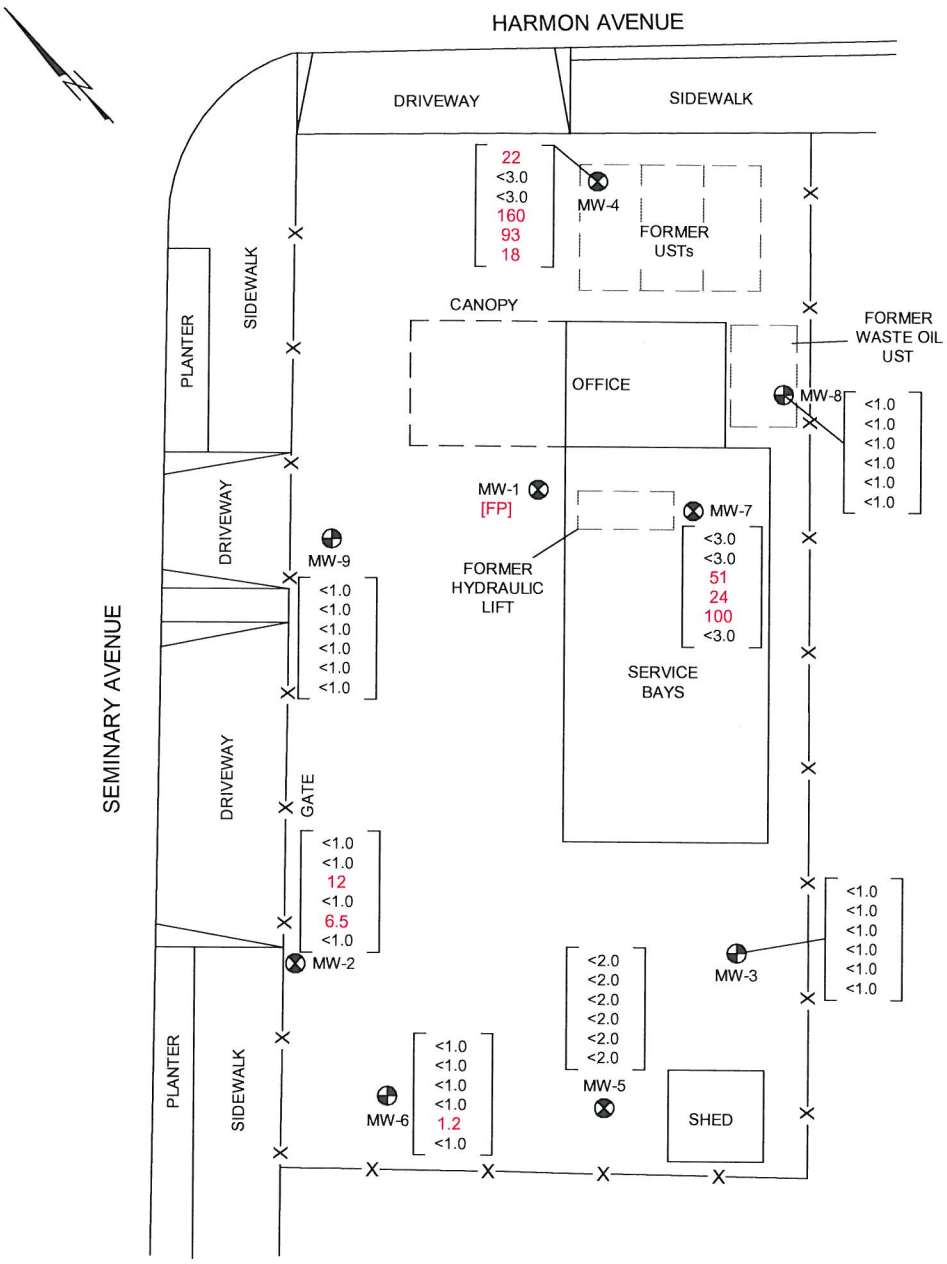
STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
PETROLEUM HYDROCARBON
GROUNDWATER ANALYTICAL SUMMARY
1st QUARTER 2011

FIGURE
5

PROJECT NO.
2090-1970-01

Grimit Auto\Quarterly JMP REV February 18, 2011 Grimit Quarterly Figures



LEGEND

MW-3 SHALLOW SCREENED MONITORING WELL LOCATION

MW-1 DEEP SCREENED MONITORING WELL LOCATION

<1.0	1,2 DICHLOROBENZENE (1,2 DCB) IN µg/L
<1.0	TETRACHLOROETHENE (PCE) IN µg/L
<1.0	TRICHLORETHENE (TCE) IN µg/L
<1.0	VINYL CHLORIDE (VCL) IN µg/L
<1.0	cis-1,2 DICHLOROETHENE (cis-1,2 DCE) IN µg/L
<1.0	1,2 DICHLOROETHENE (trans-1,2 DCE) IN µg/L

SAMPLES COLLECTED ON 1/31/11

1,2 DCB, PCE, TCE, VCL, cis-1,2 DCE, & trans-1,2 DCE ANALYZED BY EPA METHOD 8260B

[FP] = FREE PRODUCT

NOTE: LOCATIONS OF ALL WELLS & SITE FEATURES ARE APPROXIMATE

0 20 FT

APPROXIMATE SCALE

Grimit Auto\Quarterly JMP REV February 18, 2011 Grimit Quarterly Figures

STRATUS ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

HALOGENATED VOC GROUNDWATER ANALYTICAL SUMMARY
1st QUARTER 2011

FIGURE
6

PROJECT NO.
2090-1970-01

APPENDIX A

FIELD DATA SHEETS

STRATUS ENVIRONMENTAL, INC.

Site Address: 1970 Seminary Avenue
City: Oakland
Sampled by: Vince Zalutka
Signature: VZ

Site Number: Grimit Auto
Project Number: 2090-1970-01
Project PM: Scott Bittinger
DATE: 1-31-11

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	1100	18.91	19.12	34.35	N/m	3	N/A			X	X	*	Product	—	MW-1	N/S	N/A
-2	1025		20.15	34.85	14.70	2	.5	7.35	7.50		X		Low	29.54	MW-2	1507	.80
-3	1031		9.57	20.15	10.58	2		5.29	5.50		X		Low	16.80	MW-3	1545	5.53
-4	1043		18.24	34.55	16.31	2		8.16	8.00		X		Low	23.97	MW-4	1402	.40
-5	1036		17.70	34.60	16.90	2		8.45	8.50		X		Low	23.32	MW-5	1525	1.58
-6	1020		8.58	18.30	9.72	2		4.86	5.00		X		Low	9.35	MW-6	1435	4.30
-7	1121		17.63	31.60	13.97	2		6.99	7.00		X		Low	19.43	MW-7	1426	.85
-8	1050		3.16	18.80	15.64	2		7.82	8.00		X			3.25	MW-8	1201	3.38
MW-9	1055		11.98	19.80	7.82	2	.5	3.91	3.00		X		Dry	18.87	MW-9	1451	1.03
					owner wants 1 week notice of sampling												
				opened all well before gauging				15 min +									
			*	MW-1 Bailed 4 gal				product/water					Mix				

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: VZ 1-31-11
Conductivity:
DO:

T:\Forms

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Project Number: 2090-1970-01
Project PM: Scott Bittinger
DATE: 1-31-11

Well ID: MW-9

Purge start time: 1107 | Odor: Y (N)

Bail	Temp C	pH	cond	gallons
time 1107	18.8	6.55	698	⊘
time 1116	18.9	6.71	558	2.0
time 1117	Bail @ 3 gal			
time 1451	18.6	6.72	514	3.0

purge stop time: 1117 | ORP: 80

Well ID: MW-8

Purge start time: 1145 | Odor: Y (N)

Bail	Temp C	pH	cond	gallons
time 1145	15.3	7.06	313	⊘
time 1153	15.6	6.81	287	4.0
time 1201	14.6	6.84	252	8.0
time				

purge stop time: 1201 | ORP: 78

Well ID: MW-2

Purge start time: 1236 | Odor: Y (N)

Bail	Temp C	pH	cond	gallons
time 1236	17.6	6.60	530	⊘
time 1244	16.5	6.58	528	3.5
time 1253	Low @ 7.5 gal			
time 1507	18.3	6.69	545	7.5

purge stop time: 1253 | ORP: 94

Well ID: MW-5 sheen

Purge start time: 1309 | Odor: (Y) N HB

Bail	Temp C	pH	cond	gallons
time 1309	16.9	6.46	528	⊘
time 1316	17.6	6.52	541	4.0
time 1323	Low @ 8.5 gal			
time 1525	17.8	6.67	563	8.5

purge stop time: 1323 | ORP: 110

Well ID: MW-4 sheen

Purge start time: 1126 | Odor: (Y) N

Bail	Temp C	pH	cond	gallons
time 1126	18.5	6.62	542	⊘
time 1133	19.0	6.61	530	4.0
time 1140	Low @ 8 gal			
time 1402	18.4	6.72	528	8.0

purge stop time: 1140 | ORP: 91

Well ID: MW-7 sheen

Purge start time: 1212 | Odor: (Y) N

Bail	Temp C	pH	cond	gallons
time 1212	17.2	6.45	590	⊘
time 1221	17.7	6.53	610	3.5
time 1233	Low @ 7 gal			
time 1426	18.0	6.68	525	7.0

purge stop time: 1233 | ORP: 108

Well ID: MW-6

Purge start time: 1256 | Odor: Y (N)

Bail	Temp C	pH	cond	gallons
time 1256	16.7	6.60	462	⊘
time 1300	16.8	6.48	310	3.0
time 1305	Low			5.0 LOW
time 1435	17.2	6.59	538	5.0

purge stop time: 1305 | ORP: 100

Well ID: MW-3

Purge start time: 1327 | Odor: Y (N)

Bail	Temp C	pH	cond	gallons
time 1327	16.6	6.55	480	⊘
time 1334	17.0	6.51	479	2.5
time 1344	Low @ 5.5 gal			
time 1545	17.3	6.68	465	5.5

purge stop time: 1344 | ORP: 108

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

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

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

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

Subjective Analysis of Ground Water

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

Monitoring Well Purging and Sampling

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

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

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

QUALITY ASSURANCE PLAN

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

General Sample Collection and Handling Procedures

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

Soil and Water Sample Labeling and Preservation

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

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

Sample Identification and Chain-of-Custody Procedures

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

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

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

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

Equipment Cleaning

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

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

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

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

Internal Quality Assurance Checks

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

- Laboratory Quality Assurance

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

- Field Quality Assurance

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

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

Types of Quality Control Checks

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

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

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

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

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

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

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

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/02/11

Job: Grimit Auto

Oil and Grease, HEM
EPA Method 1664A

Parameter		Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **MW-2**					
Lab ID : STR11020245-01A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 15:07					
Client ID: **MW-3**					
Lab ID : STR11020245-02A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 15:45					
Client ID: **MW-4**					
Lab ID : STR11020245-03A	Oil & Grease, HEM	20,000	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:02					
Client ID: **MW-5**					
Lab ID : STR11020245-04A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 15:25					
Client ID: **MW-6**					
Lab ID : STR11020245-05A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:35					
Client ID: **MW-7**					
Lab ID : STR11020245-06A	Oil & Grease, HEM	14,000	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:26					
Client ID: **MW-8**					
Lab ID : STR11020245-07A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 12:01					
Client ID: **MW-9**					
Lab ID : STR11020245-08A	Oil & Grease, HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:51					

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) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

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

2/9/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/02/11

Job: Grimit Auto

Oil and Grease, SGT-HEM
EPA Method 1664A

Parameter		Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **MW-4**					
Lab ID : STR11020245-03A	Oil & Grease, SGT-HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:02					
Client ID: **MW-7**					
Lab ID : STR11020245-06A	Oil & Grease, SGT-HEM	ND	5,000 µg/L	02/09/11	02/09/11
Date Sampled 01/31/11 14:26					

SGT-HEM = Silica Gel Treated Hexane Extractable Material

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

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Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 02/02/11

Job: Grimit Auto

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

		Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	**MW-2**					
Lab ID :	STR11020245-01A	TPH-P (GRO)	ND	50 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 15:07					
Client ID :	**MW-3**					
Lab ID :	STR11020245-02A	TPH-P (GRO)	ND	50 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 15:45					
Client ID :	**MW-4**					
Lab ID :	STR11020245-03A	TPH-P (GRO)	1,300	300 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 14:02					
Client ID :	**MW-5**					
Lab ID :	STR11020245-04A	TPH-P (GRO)	4,400	200 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 15:25					
Client ID :	**MW-6**					
Lab ID :	STR11020245-05A	TPH-P (GRO)	1,100	100 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 14:35					
Client ID :	**MW-7**					
Lab ID :	STR11020245-06A	TPH-P (GRO)	5,400	300 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 14:26					
Client ID :	**MW-8**					
Lab ID :	STR11020245-07A	TPH-P (GRO)	ND	50 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 12:01					
Client ID :	**MW-9**					
Lab ID :	STR11020245-08A	TPH-P (GRO)	560	50 µg/L	02/03/11	02/03/11
Date Sampled	01/31/11 14:51					

Gasoline Range Organics (GRO) C4-C13

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

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: Grimit Auto

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

Alpha Analytical Number: STR11020245-01A
Client I.D. Number: MW-2

Sampled: 01/31/11 15:07
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L	26	1,1,2-Trichloroethane	ND	1.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L	27	Toluene	ND	0.50 µg/L
3	Chloroethane	ND	1.0 µg/L	28	Dibromochloromethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L	29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L	30	Tetrachloroethene	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L	31	Chlorobenzene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	32	Ethylbenzene	ND	0.50 µg/L
8	Dichloromethane	ND	2.0 µg/L	33	m,p-Xylene	0.60	0.50 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L	34	Bromoform	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	35	o-Xylene	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	37	1,3-Dichlorobenzene	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	6.5	1.0 µg/L	38	1,4-Dichlorobenzene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L	39	1,2-Dichlorobenzene	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L				
16	1,2-Dichloroethane	9.5	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	12	1.0 µg/L				
23	Bromodichloromethane	ND	1.0 µg/L				
24	cis-1,3-Dichloropropene	ND	1.0 µg/L				
25	trans-1,3-Dichloropropene	ND	1.0 µg/L				

ND = Not Detected

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Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

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

2/9/11
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: Grimit Auto

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

Alpha Analytical Number: STR11020245-02A
Client I.D. Number: MW-3

Sampled: 01/31/11 15:45
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: Grimit Auto

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

Alpha Analytical Number: STR11020245-03A
Client I.D. Number: MW-4

Sampled: 01/31/11 14:02
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	12 µg/L	26	1,1,2-Trichloroethane	ND	3.0 µg/L
2	Vinyl chloride	160	3.0 µg/L	27	Toluene	14	1.5 µg/L
3	Chloroethane	ND	3.0 µg/L	28	Dibromochloromethane	ND	3.0 µg/L
4	Bromomethane	ND	12 µg/L	29	1,2-Dibromoethane (EDB)	ND	6.0 µg/L
5	Trichlorofluoromethane	ND	3.0 µg/L	30	Tetrachloroethene	ND	3.0 µg/L
6	1,1-Dichloroethene	ND	3.0 µg/L	31	Chlorobenzene	ND	3.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	30 µg/L	32	Ethylbenzene	17	1.5 µg/L
8	Dichloromethane	ND	12 µg/L	33	m,p-Xylene	4.6	1.5 µg/L
9	trans-1,2-Dichloroethene	18	3.0 µg/L	34	Bromoform	ND	3.0 µg/L
10	Methyl tert-butyl ether (MTBE)	3.9	1.5 µg/L	35	o-Xylene	ND	1.5 µg/L
11	1,1-Dichloroethane	ND	3.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	3.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	3.0 µg/L	37	1,3-Dichlorobenzene	8.9	3.0 µg/L
13	cis-1,2-Dichloroethene	93	3.0 µg/L	38	1,4-Dichlorobenzene	5.8	3.0 µg/L
14	Chloroform	ND	3.0 µg/L	39	1,2-Dichlorobenzene	22	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	280	1.5 µg/L				
20	Tertiary Amyl Methyl Ether (TAME)	ND	3.0 µg/L				
21	1,2-Dichloropropane	ND	3.0 µg/L				
22	Trichloroethene	ND	3.0 µg/L				
23	Bromodichloromethane	ND	3.0 µg/L				
24	cis-1,3-Dichloropropene	ND	3.0 µg/L				
25	trans-1,3-Dichloropropene	ND	3.0 µg/L				

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: Grimit Auto

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

Alpha Analytical Number: STR11020245-04A
Client I.D. Number: MW-5

Sampled: 01/31/11 15:25
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	8.0 µg/L	26	1,1,2-Trichloroethane	ND	2.0 µg/L
2	Vinyl chloride	ND	2.0 µg/L	27	Toluene	12	1.0 µg/L
3	Chloroethane	ND	2.0 µg/L	28	Dibromochloromethane	ND	2.0 µg/L
4	Bromomethane	ND	8.0 µg/L	29	1,2-Dibromoethane (EDB)	ND	4.0 µg/L
5	Trichlorofluoromethane	ND	2.0 µg/L	30	Tetrachloroethene	ND	2.0 µg/L
6	1,1-Dichloroethene	ND	2.0 µg/L	31	Chlorobenzene	ND	2.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	20 µg/L	32	Ethylbenzene	170	1.0 µg/L
8	Dichloromethane	ND	8.0 µg/L	33	m,p-Xylene	73	1.0 µg/L
9	trans-1,2-Dichloroethene	ND	2.0 µg/L	34	Bromoform	ND	2.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L	35	o-Xylene	5.1	1.0 µg/L
11	1,1-Dichloroethane	ND	2.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	2.0 µg/L	37	1,3-Dichlorobenzene	ND	2.0 µg/L
13	cis-1,2-Dichloroethene	ND	2.0 µg/L	38	1,4-Dichlorobenzene	ND	2.0 µg/L
14	Chloroform	ND	2.0 µg/L	39	1,2-Dichlorobenzene	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	25	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	ND	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				

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: Grimit Auto

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

Alpha Analytical Number: STR11020245-05A
Client I.D. Number: MW-6

Sampled: 01/31/11 14:35
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	4.0 µg/L	26	1,1,2-Trichloroethane	ND	1.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L	27	Toluene	5.3	0.50 µg/L
3	Chloroethane	ND	1.0 µg/L	28	Dibromochloromethane	ND	1.0 µg/L
4	Bromomethane	ND	4.0 µg/L	29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L	30	Tetrachloroethene	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L	31	Chlorobenzene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	32	Ethylbenzene	75	0.50 µg/L
8	Dichloromethane	ND	4.0 µg/L	33	m,p-Xylene	64	0.50 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L	34	Bromoform	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	35	o-Xylene	5.4	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	37	1,3-Dichlorobenzene	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	1.2	1.0 µg/L	38	1,4-Dichlorobenzene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L	39	1,2-Dichlorobenzene	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L				
16	1,2-Dichloroethane	ND	1.0 µg/L				
17	1,1,1-Trichloroethane	ND	1.0 µg/L				
18	Carbon tetrachloride	ND	1.0 µg/L				
19	Benzene	85	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				

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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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: Grimit Auto

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

Alpha Analytical Number: STR11020245-06A
Client I.D. Number: MW-7

Sampled: 01/31/11 14:26
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	12 µg/L
2	Vinyl chloride	24	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	ND	3.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	1.5 µg/L
11	1,1-Dichloroethane	ND	3.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	3.0 µg/L
13	cis-1,2-Dichloroethene	100	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	210	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	5.1	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	29	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	13	1.5 µg/L
33	m,p-Xylene	25	1.5 µg/L
34	Bromoform	ND	3.0 µg/L
35	o-Xylene	3.7	1.5 µg/L
36	1,1,2,2-Tetrachloroethane	ND	3.0 µg/L
37	1,3-Dichlorobenzene	ND	3.0 µg/L
38	1,4-Dichlorobenzene	ND	3.0 µg/L
39	1,2-Dichlorobenzene	ND	3.0 µg/L

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: Grimit Auto

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

Alpha Analytical Number: STR11020245-07A
Client I.D. Number: MW-8

Sampled: 01/31/11 12:01
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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Report Date

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
Job: Grimit Auto

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

Alpha Analytical Number: STR11020245-08A
Client I.D. Number: MW-9

Sampled: 01/31/11 14:51
Received: 02/02/11
Extracted: 02/03/11
Analyzed: 02/03/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	2.0 µg/L	26	1,1,2-Trichloroethane	ND	1.0 µg/L
2	Vinyl chloride	ND	1.0 µg/L	27	Toluene	ND	0.50 µg/L
3	Chloroethane	ND	1.0 µg/L	28	Dibromochloromethane	ND	1.0 µg/L
4	Bromomethane	ND	2.0 µg/L	29	1,2-Dibromoethane (EDB)	ND	2.0 µg/L
5	Trichlorofluoromethane	ND	1.0 µg/L	30	Tetrachloroethene	ND	1.0 µg/L
6	1,1-Dichloroethene	ND	1.0 µg/L	31	Chlorobenzene	ND	1.0 µg/L
7	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	32	Ethylbenzene	ND	0.50 µg/L
8	Dichloromethane	ND	2.0 µg/L	33	m,p-Xylene	0.80	0.50 µg/L
9	trans-1,2-Dichloroethene	ND	1.0 µg/L	34	Bromoform	ND	1.0 µg/L
10	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	35	o-Xylene	ND	0.50 µg/L
11	1,1-Dichloroethane	ND	1.0 µg/L	36	1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
12	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	37	1,3-Dichlorobenzene	ND	1.0 µg/L
13	cis-1,2-Dichloroethene	ND	1.0 µg/L	38	1,4-Dichlorobenzene	ND	1.0 µg/L
14	Chloroform	ND	1.0 µg/L	39	1,2-Dichlorobenzene	ND	1.0 µg/L
15	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L				
16	1,2-Dichloroethane	ND	1.0 µg/L				
17	1,1,1-Trichloroethane	ND	1.0 µg/L				
18	Carbon tetrachloride	ND	1.0 µg/L				
19	Benzene	ND	0.50 µg/L				
20	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L				
21	1,2-Dichloropropane	ND	1.0 µg/L				
22	Trichloroethene	ND	1.0 µg/L				
23	Bromodichloromethane	ND	1.0 µg/L				
24	cis-1,3-Dichloropropene	ND	1.0 µg/L				
25	trans-1,3-Dichloropropene	ND	1.0 µg/L				

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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) 736-7522 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

2/9/11
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: STR11020245 **Job:** Grimit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
11020245-01A	MW-2	Aqueous	2
11020245-02A	MW-3	Aqueous	2
11020245-03A	MW-4	Aqueous	2
11020245-04A	MW-5	Aqueous	2
11020245-05A	MW-6	Aqueous	2
11020245-06A	MW-7	Aqueous	2
11020245-07A	MW-8	Aqueous	2
11020245-08A	MW-9	Aqueous	2

2/9/11

Report Date

Alpha Analytical, Inc.

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

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

Date: *10-Feb-11*

QC Summary Report

Work Order: 11020245

Method Blank

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

File ID: Batch ID: **W0209OG** Analysis Date: **02/09/2011 00:00**

Sample ID: **MBLK-W0209OG** Units : **µg/L** Run ID: **WETLAB_110209A** Prep Date: **02/09/2011 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: **W0209OG** Analysis Date: **02/09/2011 00:00**

Sample ID: **LCS-W0209OG** Units : **µg/L** Run ID: **WETLAB_110209A** Prep Date: **02/09/2011 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	39900	5000	40000		99.8	78	114			

Sample Matrix Spike

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

File ID: Batch ID: **W0209OG** Analysis Date: **02/09/2011 00:00**

Sample ID: **11020245-01AMS** Units : **µg/L** Run ID: **WETLAB_110209A** Prep Date: **02/09/2011 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, HEM	80500	5000	80200	0	100	78	114			

Comments:

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

HEM = Hexane Extractable Material

Reported in microgams per Liter, per client request.

Alpha Analytical, Inc.

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

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

Date: *10-Feb-11*

QC Summary Report

Work Order: 11020245

Method Blank

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

File ID: Batch ID: **W0209SG** Analysis Date: **02/09/2011 00:00**

Sample ID: **MBLK-W0209SG** Units : **µg/L** Run ID: **WETLAB_110209B** Prep Date: **02/09/2011 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: **W0209SG** Analysis Date: **02/09/2011 00:00**

Sample ID: **LCS-W0209SG** Units : **µg/L** Run ID: **WETLAB_110209B** Prep Date: **02/09/2011 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	20400	5000	20000		102	64	132			

Sample Matrix Spike

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

File ID: Batch ID: **W0209SG** Analysis Date: **02/09/2011 00:00**

Sample ID: **11020245-03AMS** Units : **µg/L** Run ID: **WETLAB_110209B** Prep Date: **02/09/2011 00:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Oil & Grease, SGT-HEM	40200	5000	40000	0	101	64	132			

Comments:

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

SGT-HEM = Silica Gel Treated Hexane Extractable Material

Reported in microgams 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: *04-Feb-11*

QC Summary Report

Work Order: 11020245

Method Blank

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

File ID: **11020304.D** Batch ID: **MS12W0203B** Analysis Date: **02/03/2011 09:50**

Sample ID: **MBLK MS12W0203B** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 09:50**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.45		10		95	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	9.05		10		91	70	130			

Laboratory Control Spike

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

File ID: **11020302.D** Batch ID: **MS12W0203B** Analysis Date: **02/03/2011 09:05**

Sample ID: **GLCS MS12W0203B** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 09:05**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	433	50	400		108	70	130			
Surr: 1,2-Dichloroethane-d4	9.59		10		96	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	9.59		10		96	70	130			

Sample Matrix Spike

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

File ID: **11020309.D** Batch ID: **MS12W0203B** Analysis Date: **02/03/2011 12:44**

Sample ID: **11013105-01AGS** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 12:44**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1960	250	2000	0	98	51	144			
Surr: 1,2-Dichloroethane-d4	49.7		50		99	70	130			
Surr: Toluene-d8	48.9		50		98	70	130			
Surr: 4-Bromofluorobenzene	47.9		50		96	70	130			

Sample Matrix Spike Duplicate

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

File ID: **11020310.D** Batch ID: **MS12W0203B** Analysis Date: **02/03/2011 13:07**

Sample ID: **11013105-01AGSD** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 13:07**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2190	250	2000	0	110	51	144	1964	11.0(29)	
Surr: 1,2-Dichloroethane-d4	47.7		50		95	70	130			
Surr: Toluene-d8	49.1		50		98	70	130			
Surr: 4-Bromofluorobenzene	48.4		50		97	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.

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

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

Date: *04-Feb-11*

QC Summary Report

Work Order: 11020245

Method Blank

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

File ID: **11020304.D** Batch ID: **MS12W0203A** Analysis Date: **02/03/2011 09:50**

Sample ID: **MBLK MS12W0203A** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 09:50**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Tertiary Butyl Alcohol (TBA)	ND	10								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,1-Dichloroethane	ND	1								
Di-isopropyl Ether (DIPE)	ND	1								
cis-1,2-Dichloroethene	ND	1								
Chloroform	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	0.5								
Dibromochloromethane	ND	1								
1,2-Dibromoethane (EDB)	ND	2								
Tetrachloroethene	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
Bromoform	ND	1								
o-Xylene	ND	0.5								
1,1,2,2-Tetrachloroethane	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
1,2-Dichlorobenzene	ND	1								
Surr: 1,2-Dichloroethane-d4	9.45		10		95	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	9.05		10		91	70	130			

Laboratory Control Spike

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

File ID: **11020303.D** Batch ID: **MS12W0203A** Analysis Date: **02/03/2011 09:28**

Sample ID: **LCS MS12W0203A** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 09:28**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	9.68	1	10		97	80	120			
Methyl tert-butyl ether (MTBE)	8.71	0.5	10		87	65	140			
Benzene	9.4	0.5	10		94	70	130			
Trichloroethene	10.2	1	10		102	65	144			
Toluene	9.46	0.5	10		95	80	120			
Chlorobenzene	10.1	1	10		101	70	130			
Ethylbenzene	10.2	0.5	10		102	80	120			
m,p-Xylene	10	0.5	10		100	70	130			
o-Xylene	10.3	0.5	10		103	70	130			
Surr: 1,2-Dichloroethane-d4	9.08		10		91	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	9.71		10		97	70	130			

Alpha Analytical, Inc.

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

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

Date: *04-Feb-11*

QC Summary Report

Work Order: 11020245

Sample Matrix Spike

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

File ID: **11020329.D** Batch ID: **MS12W0203A** Analysis Date: **02/03/2011 20:21**

Sample ID: **11013105-01AMS** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 20:21**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	40.3	2.5	50	0	81	64	130			
Methyl tert-butyl ether (MTBE)	38.2	1.3	50	0	76	47	150			
Benzene	40.7	1.3	50	0	81	59	138			
Trichloroethene	43.5	2.5	50	0	87	65	144			
Toluene	41.3	1.3	50	0	83	68	130			
Chlorobenzene	44.7	2.5	50	0	89	70	130			
Ethylbenzene	44.2	1.3	50	0	88	68	130			
m,p-Xylene	43.7	1.3	50	0	87	68	131			
o-Xylene	44.9	1.3	50	0	90	70	130			
Surr: 1,2-Dichloroethane-d4	41.7		50		83	70	130			
Surr: Toluene-d8	51.7		50		103	70	130			
Surr: 4-Bromofluorobenzene	49.9		50		99.7	70	130			

Sample Matrix Spike Duplicate

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

File ID: **11020330.D** Batch ID: **MS12W0203A** Analysis Date: **02/03/2011 20:44**

Sample ID: **11013105-01AMSD** Units : **µg/L** Run ID: **MSD_12_110203A** Prep Date: **02/03/2011 20:44**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	46.4	2.5	50	0	93	64	130	40.26	14.2(21)	
Methyl tert-butyl ether (MTBE)	40.6	1.3	50	0	81	47	150	38.16	6.3(40)	
Benzene	45	1.3	50	0	90	59	138	40.65	10.2(21)	
Trichloroethene	48.4	2.5	50	0	97	65	144	43.46	10.8(20)	
Toluene	44.5	1.3	50	0	89	68	130	41.29	7.4(20)	
Chlorobenzene	48.2	2.5	50	0	96	70	130	44.66	7.7(20)	
Ethylbenzene	47.9	1.3	50	0	96	68	130	44.18	8.0(20)	
m,p-Xylene	47.1	1.3	50	0	94	68	131	43.71	7.4(20)	
o-Xylene	48.7	1.3	50	0	97	70	130	44.85	8.2(20)	
Surr: 1,2-Dichloroethane-d4	41.2		50		82	70	130			
Surr: Toluene-d8	50.9		50		102	70	130			
Surr: 4-Bromofluorobenzene	50.2		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.

AMENDED

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

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

WorkOrder : STR11020245

Report Due By : 5:00 PM On : 09-Feb-2011

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 : Vince

PO :

Client's COC # : 24891 Job : Grimit Auto

Cooler Temp	Samples Received	Date Printed
1 °C	02-Feb-2011	**09-Feb-2011**

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
STR11020245-01A	MW-2	AQ	01/31/11 15:07	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-02A	MW-3	AQ	01/31/11 15:45	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-03A	MW-4	AQ	01/31/11 14:02	8	0	5	X	X	GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-04A	MW-5	AQ	01/31/11 15:25	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-05A	MW-6	AQ	01/31/11 14:35	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-06A	MW-7	AQ	01/31/11 14:26	8	0	5	X	X	GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-07A	MW-8	AQ	01/31/11 12:01	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	
STR11020245-08A	MW-9	AQ	01/31/11 14:51	8	0	5	X		GAS-C	8010/BTEX/OXYS/EDB/1-2DCA	

Comments: Security seals intact. Frozen ice. Amended 2/9/11: Deleted O&G silica gel from samples -01A, -02A, -04A, -05A, -07A, and -08A due to lab protocol. EA :

	Signature	Print Name	Company	Date/Time
Logged in by:	Elizabeth Adcox	Elizabeth Adcox	**Alpha Analytical, Inc.**	2-9-11 1726

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

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

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

WorkOrder : STR11020245

Report Due By : 5:00 PM On : 09-Feb-11

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 : Vince

PO :

Client's COC # : 24891 Job : Grimit Auto

Cooler Temp	Samples Received	Date Printed
1 °C	02-Feb-11	02-Feb-11

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
STR11020245-01A	MW-2	AQ	01/31/11 15:07	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-02A	MW-3	AQ	01/31/11 15:45	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-03A	MW-4	AQ	01/31/11 14:02	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-04A	MW-5	AQ	01/31/11 15:25	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-05A	MW-6	AQ	01/31/11 14:35	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-06A	MW-7	AQ	01/31/11 14:26	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-07A	MW-8	AQ	01/31/11 12:01	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	
STR11020245-08A	MW-9	AQ	01/31/11 14:51	8	0	5	X	X	GAS-C	8010/BTEX/ OXYS/EDB/ 1-2DCA	

Comments: Security seals intact. Frozen ice. :

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

APPENDIX D

GEOTRACKER ELECTRONIC SUBMITTAL CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Submittal Title:	**GeoWell 1-31-11**
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:	**12.186.106.98**
Submittal Date/Time:	**2/23/2011 1:57:03 PM**
Confirmation Number:	**2522165954**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
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Submittal Type:	**EDF - Monitoring Report - Semi-Annually**
Submittal Title:	**Analytical 1/31/11**
Facility Global ID:	**T0600100667**
Facility Name:	**GRIMIT AUTO REPAIR & SERVICE**
File Name:	**11020245_EDF.zip**
Organization Name:	**Stratus Environmental, Inc.**
Username:	**STRATUS NOCAL**
IP Address:	**12.186.106.98**
Submittal Date/Time:	**2/23/2011 1:59:30 PM**
Confirmation Number:	**9050791442**

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