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By Alameda County Environmental Health 3:55 pm, Nov 07, 2017

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

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

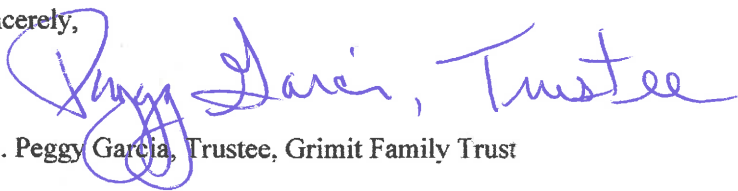
Dear Mr. Nowell:

Stratus Environmental, Inc. (Stratus) has recently prepared a report entitled *Addendum to Updated Water Supply Well Survey and Work Plan for Additional Site Assessment* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000413, for the Former Gritit Auto Repair and Service, 1970 Seminary Boulevard, Oakland, California.

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCBs GeoTracker website.

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,



Ms. Peggy Garcia, Trustee, Gritit Family Trust

cc: Angel LaMarca



October 30, 2017
Project No. 2090-1970-01

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

Re: **Groundwater Monitoring and Sampling Report
Second and Third Quarter 2017**
Former Gritmit Auto Repair and Service
1970 Seminary Boulevard, Oakland, California
Fuel Leak Case No. RO0000413

Dear Mr. Nowell:

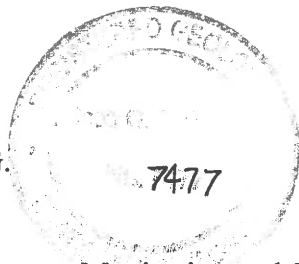
Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of the Gritmit Family Trust, for the Former Gritmit Auto Repair and Service underground storage tank fuel leak case located at 1970 Seminary Boulevard, Oakland, California. This report presents a summary of environmental activities performed at the subject property during the second and third quarter 2017. This report has been prepared in compliance with the Alameda County Environmental Health Department (ACEHD) and the 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.

Scott G. Bittinger, P.G.
Project Manager



Gowri S. Kowtha, P.E.
Principal Engineer

Attachment: Groundwater Monitoring and Sampling Report, Second and Third Quarter 2017

cc: Ms. Peggy Garcia, Trustee, Gritmit Family Trust (email: peggy.h.garcia@sbcglobal.net)
Ms. Angel LaMarca (email: angelcpt@gmail.com)
Ms. Cherie McCaulou, California Regional Water Quality Control Board (via GeoTracker)

GRIMIT AUTO REPAIR & SERVICE GROUNDWATER MONITORING AND SAMPLING REPORT

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

WORK PERFORMED THIS PERIOD (Second and Third Quarter 2017):

1. On June 13, 2017, Stratus prepared and submitted a report titled *Updated Water Supply Well Survey and Work Plan for Additional Site Assessment*. After reviewing this document, ACEHD requested an addendum be prepared and submitted. In response to this request, Stratus prepared and submitted *Addendum to Updated Water Supply Well Survey and Work Plan for Additional Site Assessment* on August 24, 2017.
2. Based on historical records, a water supply well was reportedly installed at 2232 Seminary Avenue, east of the site. At the request of ACEHD, Stratus prepared a letter requesting permission to access the property to conduct an inspection of the well and collect a sample from the well, if it could be located. The property owner responded, in writing, indicating their belief that a water well was not present on their property.
3. The third quarter 2017 groundwater monitoring and sampling event was performed on July 26, 2017.

WORK PROPOSED FOR NEXT PERIOD (Fourth Quarter 2017 and First Quarter 2018):

1. The next groundwater monitoring and sampling event is tentatively scheduled to be completed in January 2018.
2. In a letter dated September 29, 2017, ACEHD approved, with comments, the scope of work proposed in the June 2017 Work Plan and August 2017 Addendum. Stratus intends to implement these activities during the fourth quarter 2017.

Current Phase of Project:	<u>CAP/REM</u>
Frequency of Groundwater Monitoring:	<u>All monitoring wells = Semi-annually (1st & 3rd calendar quarters)</u>
Frequency of Groundwater Sampling:	<u>All monitoring wells = Semi-annually (1st & 3rd calendar quarters)</u>
Groundwater Sampling Date:	<u>July 26, 2017</u>
Is Free Product (FP) Present on Site:	<u>Product sheen at well MW-1 and MW-4 (no measurable product since 2014)</u>
Depth to Groundwater:	<u>5.40 to 21.60 feet below the top of the well casing</u>

Groundwater Flow Direction: Discussed further below. In a May 2013 meeting, Stratus and ACEHD personnel (Barbara Jakub and Dilan Roe) agreed to discontinue calculating groundwater flow direction, because the calculations appeared unrepresentative. However, in a recent letter ACEHD (Keith Nowell) asked that groundwater flow direction be calculated once again. To accommodate this request, Stratus is presenting groundwater elevation contour maps in this report for ACEHD review.

FINDINGS AND DISCUSSION:

Stratus conducted groundwater monitoring and sampling activities on July 26, 2017. During this event, wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, and MW-9 were gauged and sampled. On July 26, 2017, well MW-7 could not be accessed and thus was not gauged or sampled. Groundwater samples were forwarded to a state-certified analytical laboratory to be analyzed for gasoline range organics (GRO) by EPA Method 8015C, for benzene, toluene, ethylbenzene, and xylene (BTEX compounds), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB), and halogenated volatile organic compounds (HVOCs) by EPA Method 8260B, and for oil & grease (O&G) by EPA Method 1664. Samples containing O&G are typically analyzed with and without silica gel cleanup (if detections are present in the samples). Table 1 provides depth to water measurements and groundwater elevations. Tables 2 through 4 present a summary of groundwater analytical data collected for the site's monitoring well network.

Field data sheets documenting measurements and observations collected by Stratus personnel are provided in Appendix A. A description of sampling and analysis procedures used by Stratus/laboratory personnel are provided in Appendix B. Certified analytical results provided by the analyzing laboratory (Alpha Analytical, Inc.) are presented in Appendix C.

Groundwater Levels and Distribution of Groundwater Contaminants

Groundwater levels in the well network ranged from 5.40 to 21.60 feet below the top of the well casing on July 26, 2017. Given the dimensions and layout of the property (small acreage on flat land), very large variations in groundwater levels are observed within the site's well network. Due to this condition, preparation of groundwater elevation contour maps was discontinued in 2013 with ACEHD concurrence. Recently, ACEHD requested that groundwater elevation contour maps once again be prepared. To accommodate this request, Stratus has prepared Figures 4 and 5 for agency review. The figures depict groundwater flow using data from the "shallow" wells (MW-3, MW-6, MW-8, and MW-9) and the "deep" wells (MW-1, MW-2, MW-4, and MW-5).

In general, most VOC impact is observed in the area near the former waste oil tank. Gasoline related fuel contaminants in shallow groundwater are present across most of the site property, with limited impact appearing to extend offsite. Figures 6 and 7 present a summary of petroleum hydrocarbon and VOC concentrations in groundwater, respectively, using data collected from the July 2017 well sampling event. Also included on Figures 6 and 7 are data from a January 2012 direct push soil boring investigation; these data are provided based on requests from ACEHD in the May 2013 meeting since the direct push boring data is useful in illustrating the lateral limits of impact to shallow groundwater.

The highest concentrations of GRO (7,100 micrograms per liter [$\mu\text{g/L}$]) and benzene (140 $\mu\text{g/L}$) were reported in the sample collected from well MW-1. A petroleum sheen was observed from water purged from MW-1 and MW-4. GRO was also detected in the samples collected from wells MW-4 (920 $\mu\text{g/L}$), MW-5 (4,100 $\mu\text{g/L}$), and MW-9 (95 $\mu\text{g/L}$), and benzene was also detected at MW-4 (86 $\mu\text{g/L}$) and MW-5

(14 µg/L). Oil and grease was reported in the samples collected from well MW-1 (200,000 µg/L without silica gel treatment, 150,000 µg/L with silica gel treatment) and MW-4 (11,000 µg/L without silica gel treatment, 8,800 µg/L with silica gel treatment). MTBE was only detected in one well sample (MW-4, 1.2 µg/L).

At well MW-4, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, vinyl chloride (VC), cis-1,2-dichloroethane (cis-1,2-DCE), and trans-1,2-dichloroethane (trans-1,2-DCE) were detected at concentrations of 24 µg/L, 8.6 µg/L, 7.8 µg/L, 46 µg/L, 23 µg/L, and 17 µg/L, respectively. TCE and cis-1,2-DCE were also detected at MW-2 (5.4 µg/L and 1.8 µg/L, respectively), and trans-1,2-DCE was also detected at MW-1 (3.4 µg/L).

LIMITATIONS:

This document was prepared in general accordance with accepted standards of care that existed at the time this work was performed. No other warranty, expressed or implied, is made. Conclusions and recommendations are based on field observations and data obtained from this work and previous investigations. It should be recognized that definition and evaluation of geologic conditions is a difficult and somewhat inexact science. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface conditions present. More extensive studies may be performed to reduce uncertainties. This document is solely for the use and information of our client unless otherwise noted.

ATTACHMENTS:

- Table 1 Groundwater Elevation Summary
- Table 2 Groundwater Analytical Summary for Petroleum Hydrocarbons
- Table 3 Analytical Results for Fuel Oxygenates and Additives
- Table 4 Analytical Results for Volatile Organic Compounds
- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Site Vicinity Map
- Figure 4 Groundwater Elevation Contour Map, Shallow Wells
- Figure 5 Groundwater Elevation Contour Map, Deep Wells
- Figure 6 Petroleum Hydrocarbon Groundwater Analytical Summary Above 40' bgs
- Figure 7 Halogenated VOC Groundwater Analytical Summary Above 40' bgs
- Appendix A Field Data Sheets
- Appendix B Sampling and Analysis Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-1 (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
	01/23/09[1]	19.71	40.02	0.08	20.37
	07/20/09	19.58	40.02	0.125	20.53
	01/25/10[1]	13.69	40.02	0.125	26.42
	07/29/10	21.20	40.02	0.40	19.12
	01/31/11	19.12	40.02	0.21	21.06
	07/12/11	20.90	40.02	0.30	19.34
	01/17/12	20.89	42.91	0.06	22.06
	07/16/12	19.75	42.91	sheen	23.16
	01/14/13	16.58	42.91	sheen	26.33
	07/15/13	21.73	42.91	0.05	21.22
	01/30/14	23.45	42.91	0.20	19.60
	09/30/14	23.39	42.91	sheen	19.52
	02/24/15	25.80	42.91	sheen	17.11
06/30/15			Connected to system - not gauged		
08/25/15			Connected to system - not gauged		
01/28/16	14.30	42.91	sheen	28.61	
07/19/16	22.84	42.91	sheen	20.07	
01/25/17	14.93	42.91	sheen	27.98	
07/26/17	21.60	42.91	sheen	21.31	

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-2 (deep)	07/22/00	13.73	36.40	--	22.67
	01/29/01	12.25	36.40	--	24.15
	07/28/01[1]	16.73	36.40	--	19.67
	02/03/02	11.40	36.40	--	25.00
	07/23/02	13.42	36.40	--	22.98
	01/20/03	10.49	36.40	--	25.91
	07/30/03	13.47	36.40	--	22.93
	01/27/04	11.72	36.40	--	24.68
	07/22/04	13.86	39.42	--	25.56
	01/20/05	10.24	39.42	--	29.18
	07/20/05	12.34	39.42	--	27.08
	01/26/06	10.60	39.42	--	28.82
	07/27/06	13.02	39.42	--	26.40
	01/24/07	15.76	39.42	--	23.66
	07/18/07	13.91	39.42	--	25.51
	02/15/08	10.94	39.42	--	28.48
	07/25/08	14.29	39.42	--	25.13
	01/23/09[1]	20.17	39.42	--	19.25
	07/20/09	15.16	39.42	--	24.26
	01/25/10[1]	15.66	39.42	--	23.76
	07/29/10	12.58	39.42	--	26.84
	01/31/11	20.15	39.42	--	19.27
	07/12/11	11.12	39.42	--	28.30
	01/17/12	13.47	42.32	--	28.85
	07/16/12	12.18	42.32	--	30.14
	01/14/13	13.82	42.32	sheen	28.50
	07/15/13	12.48	42.32	--	29.84
	01/30/14	17.11	42.32	--	25.21
	09/30/14	19.41	42.32	--	22.91
	02/24/14	12.50	42.32	--	29.82
	06/30/15	13.87	42.32	--	28.45
08/25/15	14.41	42.32	--	27.91	
01/28/16	10.37	42.32	--	31.95	
07/19/16	19.37	42.32	--	22.95	
01/25/17	12.53	42.32	--	29.79	
07/26/17	13.09	42.32	--	29.23	

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-3 (shallow)	07/22/00	9.41	36.94	--	27.53
	01/29/01	7.23	36.94	--	29.71
	07/28/01	8.63	36.94	--	28.31
	02/03/02	7.99	36.94	--	28.95
	07/23/02	10.17	36.94	--	26.77
	01/20/03	6.76	36.94	--	30.18
	07/30/03	10.13	36.94	--	26.81
	01/27/04	7.65	36.94	--	29.29
	07/22/04	11.29	39.95	--	28.66
	01/20/05	6.24	39.95	--	33.71
	07/20/05	9.03	39.95	--	30.92
	01/26/06	6.49	39.95	--	33.46
	07/27/06	8.80	39.95	--	31.15
	01/24/07	8.75	39.95	--	31.20
	07/18/07	11.29	39.95	--	28.66
	02/15/08	6.79	39.95	--	33.16
	07/25/08	12.40	39.95	--	27.55
	01/23/09[1]	9.72	39.95	--	30.23
	07/20/09	10.81	39.95	--	29.14
	01/25/10[1]	7.67	39.95	--	32.28
	07/29/10	10.42	39.95	--	29.53
	01/31/11	9.57	39.95	--	30.38
	07/12/11	9.87	39.95	--	30.08
	01/17/12	11.05	42.85	--	31.80
	07/16/12	10.45	42.85	--	32.40
	01/14/13	8.82	42.85	--	34.03
	07/15/13	10.31	42.85	--	32.54
	01/30/14	16.70	42.85	--	26.15
	09/30/14	13.82	42.85	--	29.03
	02/24/15	7.77	42.85	--	35.08
	06/30/15	13.32	42.85	--	29.53
	08/25/15	13.87	42.85	--	28.98
	01/28/16			Unable to Gauge - Car Parked Over Well	
07/19/16			Unable to Gauge - Car Parked Over Well		
01/25/17			Unable to Gauge - Car Parked Over Well		
07/26/17		11.87	42.85	--	30.98

**TABLE 1
GROUNDWATER ELEVATION SUMMARY**

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-4 (deep)	07/22/00	20.67	36.47	--	15.80
	01/29/01	18.06	36.47	--	18.41
	07/28/01	20.80	36.47	--	15.67
	02/03/02	15.53	36.47	--	20.94
	07/23/02	20.26	36.47	--	16.21
	01/20/03	15.26	36.47	--	21.21
	07/30/03	20.23	36.47	--	16.24
	01/27/04	17.15	36.47	--	19.32
	07/22/04	21.28	36.49	--	15.21
	01/20/05	14.20	36.49	--	22.29
	07/20/05	17.64	36.49	--	18.85
	01/26/06	14.42	36.49	--	22.07
	07/27/06	18.51	36.49	--	17.98
	01/24/07	18.43	36.49	--	18.06
	07/18/07	20.59	36.49	--	15.90
	02/15/08	15.11	36.49	--	21.38
	07/25/08	21.12	36.49	--	15.37
	01/23/09[1]	19.99	36.49	--	16.50
	07/20/09	20.58	36.49	--	15.91
	01/25/10[1]	15.07	36.49	--	21.42
	07/29/10	21.25	36.49	--	15.24
	01/31/11	18.24	36.49	--	18.25
	07/12/11	19.38	36.49	--	17.11
	01/17/12	22.34	42.39	--	20.05
	07/16/12	21.53	42.39	--	20.86
	01/14/13	15.37	42.39	--	27.02
	07/15/13	22.79	42.39	--	19.60
	01/30/14	23.47	42.39	--	18.92
	09/30/14	23.25	42.39	--	19.14
	02/24/15	22.50	42.39	--	19.89
	06/30/15	22.77	42.39	--	19.62
	08/25/15	23.33	42.39	--	19.06
01/28/16	13.51	42.39	sheen	28.88	
07/19/16	21.31	42.39	sheen	21.08	
01/25/17	12.77	42.39	sheen	29.62	
07/26/17	20.19	42.39	sheen	22.20	

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-5 (deep)	07/22/00	21.42	36.77	--	15.35
	01/29/01	20.79	36.77	--	15.98
	07/28/01	21.07	36.77	--	15.70
	02/03/02	17.67	36.77	--	19.10
	07/23/02	20.16	36.77	--	16.61
	01/20/03	17.21	36.77	--	19.56
	07/30/03	20.32	36.77	--	16.45
	01/27/04	18.34	36.77	--	18.43
	07/22/04	20.90	39.79	--	18.89
	01/20/05	15.89	39.79	--	23.90
	07/20/05	17.97	39.79	--	21.82
	01/26/06	15.49	39.79	--	24.30
	07/27/06	18.50	39.79	--	21.29
	01/24/07	18.76	39.79	--	21.03
	07/18/07	20.12	39.79	--	19.67
	02/15/08[1]	16.35	39.79	--	23.44
	07/25/08	20.57	39.79	--	19.22
	01/23/09[1]	19.42	39.79	--	20.37
	07/20/09	20.35	39.79	--	19.44
	01/25/10[1]	16.33	39.79	--	23.46
	07/29/10	19.47	39.79	--	20.32
	01/31/11	17.70	39.79	--	22.09
	07/12/11	17.91	39.79	--	21.88
	01/17/11	21.25	42.69	sheen	21.44
	07/16/12	19.74	42.69	sheen	22.95
	01/14/13	16.74	42.69	--	25.95
	07/15/13	21.24	42.69	--	21.45
	01/30/14	22.92	42.69	--	19.77
	09/30/14	23.01	42.69	--	19.68
	02/24/15	23.51	42.69	--	19.18
	06/30/15	25.67	42.69	--	17.02
	08/25/15	26.20	42.69	--	16.49
	01/28/16	16.48	42.69	--	26.21
07/19/16	21.22	42.69	--	21.47	
01/25/17	14.27	42.69	--	28.42	
07/26/17	19.81	42.69	--	22.88	

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-6 (shallow)	07/22/00	11.50	36.42	--	24.92
	01/29/01	9.34	36.42	--	27.08
	07/28/01	NA	36.42	--	NA
	02/03/02	9.32	36.42	--	27.10
	07/23/02	11.33	36.42	--	25.09
	01/20/03	8.49	36.42	--	27.93
	07/30/03	11.35	36.42	--	25.07
	01/27/04	9.20	36.42	--	27.22
	07/22/04	11.13	39.44	--	28.31
	01/20/05	7.65	39.44	--	31.79
	07/20/05	10.02	39.44	--	29.42
	01/26/06	8.13	39.44	--	31.31
	07/27/06	10.59	39.44	--	28.85
	01/24/07	10.09	39.44	--	29.35
	07/18/07	11.06	39.44	--	28.38
	02/15/08	8.17	39.44	--	31.27
	07/25/08	11.30	39.44	--	28.14
	01/23/09[1]	9.82	39.44	--	29.62
	07/20/09	11.02	39.44	--	28.42
	01/25/10[1]	6.58	39.44	--	32.86
	07/29/10	10.72	39.44	--	28.72
	01/31/11	8.58	39.44	--	30.86
	07/12/11	9.32	39.44	--	30.12
	01/17/12	11.14	42.34	--	31.20
	07/16/12	10.11	42.34	--	32.23
	01/14/13	8.41	42.34	sheen	33.93
	07/15/13	9.92	42.34	--	32.42
	01/30/14	14.69	42.34	--	27.65
	09/30/14	11.37	42.34	--	30.97
	02/24/15	9.49	42.34	--	32.85
	06/30/15	11.51	42.34	--	30.83
	08/25/15	11.92	42.34	--	30.42
01/28/16	7.58	42.34	--	34.76	
07/19/16			Unable to Gauge - Car Parked Over Well		
01/25/17	7.19	42.34	--	35.15	
07/26/17	10.96	42.34	--	31.38	

**TABLE 1
GROUNDWATER ELEVATION SUMMARY**

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-7 (deep)	07/22/00	19.85	36.83	--	16.98
	01/29/01	17.59	36.83	--	19.24
	07/28/01	20.05	36.83	--	16.78
	02/03/02	15.89	36.83	--	20.94
	07/23/02	19.57	36.83	--	17.26
	01/20/03	15.36	36.83	--	21.47
	07/30/03	19.21	36.83	--	17.62
	01/27/04	16.84	36.83	--	19.99
	07/22/04	20.17	39.84	--	19.67
	01/20/05	14.44	39.84	--	25.40
	07/20/05	17.26	39.84	--	22.58
	01/26/06	14.55	39.84	--	25.29
	07/27/06	18.13	39.84	--	21.71
	01/24/07	18.03	39.84	--	21.81
	07/18/07	19.76	39.84	--	20.08
	02/15/08	15.44	39.84	--	24.40
	01/23/09[1]	20.50	39.84	--	19.34
	01/23/09	19.08	39.84	--	20.76
	07/20/09	20.20	39.84	--	19.64
	01/25/10[1]	15.30	39.84	--	24.54
	07/29/10	19.60	39.84	--	20.24
	01/31/11	17.63	39.84	--	22.21
	07/12/11	17.77	39.84	--	22.07
	01/17/12	21.63	42.72	sheen	21.09
	07/16/12	19.81	42.72	sheen	22.91
	01/14/13	16.65	42.72	sheen	26.07
	07/15/13	21.67	42.72	--	21.05
	01/30/14	27.19	42.72	--	15.53
	09/30/14	23.41	42.72	--	19.31
	02/24/15	25.55	42.72	--	17.17
	06/30/15	26.67	42.72	--	16.05
	08/25/15	28.08	42.72	--	14.64
	01/28/16	14.64	42.72	sheen	28.08
07/19/16	21.27	42.72	sheen	21.45	
01/25/17			Unable to Gauge - No Access		
07/26/17			Unable to Gauge - Well Covered		

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-8 (shallow)	07/22/00	5.47	36.55	--	31.08
	01/29/01	3.01	36.55	--	33.54
	07/23/02	5.11	36.55	--	31.44
	01/20/03	3.57	36.55	--	32.98
	07/30/03	5.23	36.55	--	31.32
	01/27/04	4.26	36.55	--	32.29
	07/22/04	5.42	36.55	--	31.13
	01/20/05	3.39	36.55	--	33.16
	07/20/10	5.14	39.49	--	34.35
	01/26/06	3.70	39.49	--	35.79
	07/27/06	5.63	39.49	--	33.86
	01/24/07	4.87	39.49	--	34.62
	07/18/07	5.41	39.49	--	34.08
	02/15/08	3.77	39.49	--	35.72
	07/25/08	5.67	39.49	--	33.82
	01/23/09[1]	3.55	39.49	--	35.94
	07/20/09	5.71	39.49	--	33.78
	01/25/10[1]	1.15	39.49	--	38.34
	07/29/10	5.40	39.49	--	34.09
	01/31/11	3.16	39.49	--	36.33
	07/12/11	4.63	39.49	--	34.86
	01/17/12	5.26	42.42	--	37.16
	07/16/12	5.31	42.42	--	37.11
	01/14/13	4.15	42.42	--	38.27
	07/15/13	5.34	42.42	--	37.08
	01/30/14	5.20	42.42	--	37.22
	09/30/14	5.20	42.42	--	37.22
	02/24/15	3.87	42.42	--	38.55
	06/30/15	4.86	42.42	--	37.56
	08/25/15	5.25	42.42	--	37.17
	01/28/16	2.20	42.42	--	40.22
07/19/16	5.35	42.42	--	37.07	
01/25/17	1.29	42.42	--	41.13	
07/26/17	5.40	42.42	--	37.02	

TABLE 1
GROUNDWATER ELEVATION SUMMARY

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

Well Number	Date	Depth to Water (ft bgs)	Well Casing Elevation (ft MSL)	LPH Apparent Thickness (ft)	Groundwater Elevation (corrected*) (ft MSL)
MW-9 (shallow)	07/22/00	15.78	36.70	--	20.92
	01/29/01	14.65	36.70	--	22.05
	07/28/01	15.33	36.70	--	21.37
	02/03/02	12.59	36.70	--	24.11
	07/23/02	15.27	36.70	--	21.43
	01/20/03	12.27	36.70	--	24.43
	07/30/03	14.85	36.70	--	21.85
	01/27/04	11.72	36.70	--	24.98
	07/22/04	15.17	39.71	--	24.54
	01/20/05	10.16	39.71	--	29.55
	07/20/05	12.12	39.71	--	27.59
	01/26/06	10.12	39.71	--	29.59
	07/27/06	12.52	39.71	--	27.19
	01/24/07	12.63	39.71	--	27.08
	07/18/07	13.77	39.71	--	25.94
	02/15/08	10.78	39.71	--	28.93
	07/25/08	13.93	39.71	--	25.78
	01/23/09[1]	13.08	39.71	--	26.63
	07/20/09	13.63	39.71	--	26.08
	01/25/10[1]	11.35	39.71	--	28.36
	07/29/10	12.49	39.71	--	27.22
	01/31/11	11.98	39.71	--	27.73
	07/12/11	11.98	39.71	--	27.73
	01/17/12	12.57	42.61	--	30.04
	07/16/12	12.48	42.61	--	30.13
	01/14/13	12.35	42.61	--	30.26
	07/15/13	13.35	42.61	--	29.26
	01/30/14	17.20	42.61	--	25.41
	09/30/14	18.61	42.61	--	24.00
	02/24/15	18.70	42.61	--	23.91
06/30/15	19.20	42.61	--	23.41	
08/25/15	19.22	42.61	--	23.39	
01/28/16			Unable to Gauge - Car Parked Over Well		
07/19/16	17.67	42.61	--	24.94	
01/25/17	14.08	42.61	--	28.53	
07/26/17	15.53	42.61	--	27.08	

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

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (deep)	07/22/00	37,000	320,000[1,2]	2,200	2,600	1,300	5,200	--	
	01/29/01	36,000	76,000[1,2]	2,100	2,300	1,200	4,500	--	
	07/28/01	99,000	86 000[1,2]	1,500	2,300	1,700	6,600	--	
	02/03/02	42,000	42,000[1,2]	1,200	1,300	1,100	3,900	--	
	07/23/02	53,000	170,000[1,2]	1,700	2,800	1,500	5,100	--	
	01/20/03	33,000	65,000[1,2]	2,100	2,500	1,300	4,400	--	
	07/30/03	24,000	55,000[1]	1,300	1,500	760	2,700	--	
	01/27/04	21,000	220,000[1]	1,600	1,500	1,100	3,200	--	
	07/22/04	31,000	780,000[1,2]	1,500	1,700	1,200	4,100	--	
	01/20/05	25000	72,000[1,2]	1,300	1400	1,000	2,800	--	
	07/20/05	22,000	500,000[1,2]	1,100	1,600	830	2,600	--	
	01/26/06	28000	64,000[1,2]	1,600	1,500	1,200	3,500	--	
	07/27/06	25,000	NA	810	1,000	1,100	3,200	--	
	01/25/07	32,000	170,000[1]	990	960	1,100	3,500	--	
	07/19/07	32,000	1,100,000[1]	600	740	950	2,500	--	
	02/15/08	28,000	3,500,000[1,2]	930	780	940	2,500	--	
	07/25/08	28,000	NA	540	580	750	2,000	--	
	01/23/09	52,000	1,000,000[1,2]	420	350	1,400	3,600	--	
	07/21/09	19,000	46,000[1]	530	500	890	2,300	--	
	01/25/10	23,000	140,000[1,2]	780	540	850	2,200	--	
	07/29/10			Not Sampled - Free Product present					
	01/31/11			Not Sampled - Free Product present					
	07/12/11			Not Sampled - Free Product present					
	01/17/12			Not Sampled - Free Product present					
	07/16/12	16,000	73,000 / 41,000[3]	270	240	590	832	--	
	01/14/13	95,000	80,000 / 61,000[3]	310	310	700	1,520	--	
	07/15/13	48,000	<5,000	280	280	1,000	1,310	--	
	01/30/14	62,000	320,000 / 190,00[3]	280	220	1,200	817	--	
	09/30/14	24,000	14,000/ 9,300[3]	320	280	780	1,188	--	
	02/24/15	17,000	260,000/ 130,000[3]	400	210	560	634	--	
	06/30/15	5,900	130,000[5]/100,000[3]	40	9.1	9.1	216	--	
	08/25/15	13,000	1,600,000[5]/530,000[3]	190[4]	47[4]	31[4]	222[4]	--	
01/28/16	18,000	380,000[5]/250,000[3]	130[4]	94[4]	<5.0	1,460[4]	--		
07/19/16	11,000	850,000[5]/530,000[3]	130[4]	130[4]	160[4]	580[4]	--		
01/25/17	12,000	420,000[5]/260,000[3]	200[4]	140[4]	240[4]	650	--		
07/26/17	7,100	200,000[5]/150,000[3]	140	96	260	426	--		

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

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

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

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-3 (shallow)	07/22/00	230	<5,000[1,2]	0.89	2.4	ND	ND	--
	01/29/01	450	<5,000[1]	1.1	1.6	11	3.6	--
	07/28/01	<50	<5,000[1]	<0.5	ND	ND	ND	--
	02/03/02	98	<5,000[1]	<0.5	ND	ND	ND	--
	07/23/02	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	01/20/03	700	<5,000[1]	1.6	0.56	41	21	--
	07/30/03	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	01/27/04	85	<5,000[1]	<0.5	<0.5	<0.5	0.87	--
	07/22/04	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	01/20/05	440	<5,000[1]	0.81	0.67	7.1	2.6	--
	07/20/05	130	<5,000[1]	<0.5	1.2	<0.5	<0.5	--
	01/26/06	790	<5,000[1]	1.0	1.0	12	3.4	--
	07/27/06	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	01/25/07	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	07/19/07	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	02/15/08	74	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	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	--
	07/21/09	<50	<5,000[1]	<0.5	<0.5	<0.5	<0.5	--
	01/25/10	150	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/29/10	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/31/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/12/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/17/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/16/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/14/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/15/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/31/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	09/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	02/24/15	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	06/30/15	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--
	08/25/15	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--
	01/28/16			Not Sampled - Car Parked Over Well				
07/19/16			Not Sampled - Car Parked Over Well					
01/25/17			Not Sampled - Car Parked Over Well					
07/26/17	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	

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

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-4 (deep)	07/22/00	2,700	7,000[1,2]	940	14	31	12	--
	01/29/01	2500	<5,000[1,2]	980	11	35	5	--
	07/28/01	1,100	90,000[1,2]	250	6.3	19	4.8	--
	02/03/02	2,100	7,400[1,2]	890	23	41	20	--
	07/23/02	1,200	<5,000[1,2]	490	11	22	8.8	--
	01/20/03	1,900	<5,000[1,2]	740	11	32	12	--
	07/30/03	1,700	<5,000[1,2]	440	8.9	18	6.1	--
	01/27/04	1,100	31,000[1,2]	350	10	17	5.0	--
	07/22/04	910	54,000[1,2]	210	7.9	19	6.5	--
	01/20/05	1,900	<5,000[1,2]	550	36	63	43	--
	07/20/05	1,300	<5,000[1,2]	310	11	36	12	--
	01/26/06	1,900	26,000[1,2]	500	16	40	12	--
	07/27/06	980	85,000[1,2]	340	13	18	8.8	--
	01/24/07	910	7,100[1,2]	230	5	15	4	--
	07/18/07	960	<5,000[1,2]	150	3.9	9.9	3.4	--
	02/15/08	1,500	12,000[1,2]	310	12	18	11	--
	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	--
	07/20/09	940	12,000[1,2]	230	8.8	6.5	8.0	--
	01/25/10	1,000	29,000[1,2]	240	6.9	20	8.9	--
	07/29/10	1,000	<5,000	190	7.8	15	4.0	--
	01/31/11	1,300	20,000 / <5,000[3]	280	14	17	4.6	--
	07/12/11	1,300	<5,000	88	5.8	18	0.84	--
	01/17/12	950	<5,000	40	2.1	6.6	0.99	--
	07/16/12	1,100	42,000 / 26,000[3]	130	9.8	12	4.1	--
	01/14/13	1,600	18000 / 16,000[3]	350	38	47	51.6	--
	07/15/13	890	<5,000	62	4.5	10	2.74	--
	01/31/14	740	<5,000	54	<2.0[1]	<2.0[1]	<2.0[1]	--
	09/30/14	1,500	<5,000	37	3.0	6.9	1.2	--
	02/24/15	350	15,000/ 11,000[3]	7.2	<1.0[4]	1.3	<1.0[4]	--
	06/30/15	360	<5,000[5]	4.9	0.56	1.2	<0.50	--
	08/25/15	1,100	5,700[5]/<5,000[3]	5.1	3.5	6.8	2.5	--
01/28/16	2,200	9,700[5]/7,000[3]	140[4]	14[4]	48[4]	177[4]	--	
07/19/16	1,300	12,000[5]/8,800[3]	97	4.4	14	29.7	--	
01/25/17	1,800	<5,000[5]	240[4]	7.1[4]	7.9[4]	10.2	--	
07/26/17	920	11,000[5]/8,800[3]	86	2.1	2.5	2.32	--	

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

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-5 (deep)	07/22/00	14,000	12,000[1,2]	290	140	770	630	--
	01/29/01	8,200	11,000[1,2]	180	42	420	250	--
	07/28/01	9,100	<5,000[1,2]	190	67	540	430	--
	02/03/02	11,000	<5,000[1]	250	160	730	540	--
	07/23/02	6,400	<5,000[1]	160	67	540	390	--
	01/20/03	7,300	<5,000[1,2]	190	80	480	310	--
	07/30/03	8,700	<5,000[1,2]	170	35	470	300	--
	01/27/04	7,600	<5,000[1]	220	50	460	290	--
	07/22/04	10,000	<5,000[1]	200	38	510	400	--
	01/20/05	8,500	<5,000[1,2]	130	63	430	280	--
	07/20/05	7,900	<5,000[1,2]	110	47	350	250	--
	01/26/06	8,000	<5,000[1]	170	53	410	270	--
	07/27/06	5,300	<5,000[1]	110	35	380	250	--
	01/25/07	1,300	<5,000[1,2]	17	6.1	34	46	--
	07/19/07	10,000	<5,000[1,2]	99	15	250	200	--
	02/15/08	9,900	<5,000[1,2]	120	26	290	200	--
	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	--
	07/21/09	5,600	<5,000[1]	81	21	210	160	--
	01/25/10	2,800	<5,000[1,2]	32	11	100	64	--
	07/29/10	2,900	<5,000	23	6.9	130	70.6	--
	01/31/11	4,400	<5,000	25	12	170	78.1	--
	07/12/11	5,700	<5,000	30	11	190	89	--
	01/17/12	4,000	<5,000	25	5.4	150	54.1	--
	07/16/12	3,700	<5,000	28	6.4	140	52.0	--
	01/14/13	2,100	<5,000	11	8.1	90	41.3	--
	07/15/13	3,900	<5,000	27	5.1	110	31.2	--
	01/31/14	1,600	<5,000	13	1.0	6.5	2.2	--
	09/30/14	3,000	<5,000	17	<1.0[4]	26	5.4	--
	02/24/15	80	<5,000	<0.50	<0.50	<0.50	<0.50	--
	06/30/15	110	<5,000[5]	<0.50	<0.50	<0.50	<0.50	<0.50
	08/25/15	230	<5,000[5]	1.0	<0.50	<0.50	<0.50	--
	01/28/16	5,500	<5,000[5]	15[4]	13[4]	160[4]	98.7[4]	--
07/19/16	4,500	<5,000[5]	21[4]	8.5[4]	210[4]	101.7[4]	--	
01/25/17	380	<5,000[5]	0.56	<0.50	<0.50	<0.50	--	
07/26/17	4,100	<5,000[5]	14	5.1	170	66	--	

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (shallow)	07/22/00	2,200	<5,000[1,2]	290	9.6	80	43	--
	01/29/01	2,500	<5,000[1,2]	220	11	150	230	--
	07/28/01	NA	<5,000[1,2]	--	--	--	--	--
	02/03/02	2,500	<5,000[1,2]	290	18	88	330	--
	07/23/02	1,100	<5,000[1,2]	160	6.5	54	35	--
	01/20/03	3,800	<5,000[1,2]	370	33	220	300	--
	07/30/03	2,000	<5,000[1,2]	250	4.8	50	24	--
	01/27/04	2,600	<5,000[1,2]	420	20	170	180	--
	07/22/04	1,200	<5,000[1,2]	110	3.2	36	17	--
	01/20/05	3,100	<5,000[1,2]	280	21	180	250	--
	07/20/05	730	<5,000[1,2]	66	4.4	25	26	--
	01/26/06	1,900	<5,000[1,2]	180	12	120	140	--
	07/27/06	670	<5,000[1,2]	120	5	17	15	--
	01/25/07	650	<5,000[1,2]	99	2.7	20	16	--
	07/19/07	4,200	<5,000[1,2]	360	18	47	55	--
	02/15/08	2,100	<5,000[1,2]	200	10	100	97	--
	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	--
	07/21/09	290	<5,000[1,2]	40	1.9	9.3	7.8	--
	01/25/10	740	<5,000[1,2]	80	4.9	54	62	--
	07/29/10	220	<5,000	25	0.68	7.3	4.9	--
	01/31/11	1,100	<5,000	85	5.3	75	69.4	--
	07/12/11	610	<5,000	47	2.5	34	27	--
	01/17/12	81	<5,000	13	0.62	4.6	5.8	--
	07/16/12	500	<5,000	26	0.97	14	10.48	--
	01/14/13	700	<5,000	65	3.9	64	53.0	--
	07/15/13	390	<5,000	22	1.3	18	17.1	--
	01/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	09/30/14	140	<5,000	11	0.65	6.1	6.0	--
	02/24/15	570	<5,000	32	2.7	37	33.8	--
06/30/15	<50	<5,000[5]	1.4	<0.50	<0.50	<0.50	--	
08/25/15	110	<5,000[5]	4.2	<0.50	<0.50	<0.50	--	
01/28/16	1,400	<5,000[5]	52[4]	5.7[4]	89[4]	74.7[4]	--	
07/19/16			Not Sampled - Car Parked Over Well					
01/25/17	1,200	<5,000[5]	40[4]	7.2[4]	140[4]	118.3	--	
07/26/17	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	

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

Well Number	Date Collected	GRO (µg/L)	Oil & Grease (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Napthalene (µg/L)
MW-7 (deep)	07/22/00	7,400	10,000[1,2]	620	180	240	180	--
	01/29/01	4,000	7,000[1,2]	410	21	22	21	--
	07/28/01	4,200	<5,000[1,2]	540	120	110	110	--
	02/03/02	6,300	<5,000[1,2]	560	110	190	140	--
	07/23/02	3,400	<5,000[1,2]	440	6.3	87	61	--
	01/20/03	4,500	<5,000[1,2]	380	32	30	36	--
	07/30/03	5,300	<5,000[1,2]	460	34	43	52	--
	01/27/04	3,000	<5,000[1,2]	350	15	13	18	--
	07/22/04	3,600	<5,000[1,2]	440	10	10	25	--
	01/20/05	3,200	19,000[1,2]	320	31	29	34	--
	07/20/05	8,400	<5,000[1,2]	550	230	300	410	--
	01/26/06	3,300	32,000[1,2]	450	31	45	37	--
	07/27/06	3,800	<5,000[1,2]	530	85	38	94	--
	01/25/07	2,500	<5,000[1,2]	320	6.9	3.3	10	--
	07/19/07	2,700	<5,000[1,2]	280	10	5.9	18	--
	02/15/08	2,900	27,000[1,2]	230	15	12	18	--
	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	--
	07/21/09	3,400	<5,000[1,2]	230	75	33	140	--
	01/25/10	3,900	5,200[1,2]	260	15	5.2	24	--
	07/29/10	3,600	<5,000	190	38	13	67.6	--
	01/31/11	5,400	14,000 / <5,000[3]	210	29	13	28.7	--
	07/12/11	5,500	<5,000	150	45	7.9	51.9	--
	01/17/12	3,300	<5,000	150	8.5	2.1	12.3	--
	07/16/12	4,200	<5,000	160	41	31	31.4	--
	01/14/13	3,000	<5,000	180	25	8.2	27.6	--
	07/15/13	3,300	<5,000	150	12	2.5	33.6	--
	01/30/14	3,500	<5,000	180	3.6	<1.5[1]	4.9	--
	09/30/14	5,100	<5,000	200	50	130	216	--
	02/24/15	2,100	<5,000	47	<4.0[4]	<4.0[4]	<4.0[4]	--
	06/30/15	1,900	<5,000[5]	110	4.0	<1.0	<1.0	--
	08/25/15	1,800	<5,000[5]	50	1.7	<1.0	<1.0	--
	01/28/16	6,800	53,000[5]/43,000[3]	280[4]	98[4]	190[4]	178[4]	--
07/19/16	7,900	12,000[5]/8,000[3]	110[4]	110[4]	320[4]	213[4]	--	
01/25/17				Not Sampled - No Access				
07/26/17				Not Sampled - Well Covered				

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
 Gruit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (shallow)	07/22/00	ND	<5,000[1,2]	ND	ND	ND	ND	--
	01/29/01	ND	<5,000[1,2]	0.87	ND	ND	ND	--
	07/28/01	ND	<5,000[1,2]	ND	ND	ND	ND	--
	02/03/02	ND	<5,000[1,2]	ND	ND	ND	ND	--
	07/23/02	<50	<5,000[1,2]	0.87	<0.5	<0.5	<0.5	--
	01/20/03	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/30/03	<50	<5,000[1,2]	2.0	<0.5	<0.5	<0.5	--
	01/27/04	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/22/04	<50	<5,000[1,2]	1.2	<0.5	<0.5	<0.5	--
	01/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/20/05	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	01/26/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/27/06	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	01/25/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/19/07	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	02/15/08	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	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	--
	07/21/09	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	01/25/10	<50	<5,000[1,2]	<0.5	<0.5	<0.5	<0.5	--
	07/29/10	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/31/11	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/12/11	61	<5,000	1.1	<0.50	<0.50	<0.50	--
	01/17/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/16/12	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/14/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	07/15/13	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	01/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	09/30/14	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	02/24/15	<50	<5,000	<0.50	<0.50	<0.50	<0.50	--
	06/30/15	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--
	08/25/15	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--
01/28/16	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	
07/19/16	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	
01/25/17	<50	<5,000[5]	<0.50	<0.50	1.0	1.0	--	
07/26/17	<50	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (shallow)	07/22/00	4,900	71,000[1,2]	93	15	240	250	--
	01/29/01	3,800	5,000	160	35	260	310	--
	07/28/01	5,700	<5,000[1,2]	43	27	210	420	--
	02/03/02	7,800	<5,000[1,2]	98	51	450	640	--
	07/23/02	2,300	<5,000[1,2]	29	14	120	96	--
	01/20/03	5,000	<5,000[1]	76	25	350	340	--
	07/30/03	570	<5,000[1,2]	7.2	1.2	14	4.8	--
	01/27/04	820	<5,000[1,2]	14	2.6	35	35	--
	07/22/04	460	<5,000[1,2]	5.3	1.2	4.0	7.2	--
	01/20/05	330	<5,000[1,2]	6.2	1.5	8.9	12	--
	07/20/05	260	<5,000[1,2]	1.7	2.0	<0.5	1.2	--
	01/26/06	260	<5,000[1]	1.0	2.9	<0.5	0.64	--
	07/27/06	410	<5,000[1]	1.1	1.4	0.52	<0.5	--
	01/24/07	440	<5,000[1]	1.4	1.5	2.9	7.5	--
	07/18/07	300	<5,000[1]	1.4	2.4	0.51	<0.5	--
	02/15/08	490	<5,000[1]	2.8	5.2	7.1	22	--
	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	--
	07/20/09	910	<5,000[1,2]	2.5	4.8	2.6	2.4	--
	01/25/10	550	<5,000[1,2]	2.2	6.5	11	33	--
	07/29/10	670	<5,000	<0.50	<0.50	<0.50	1.1	--
	01/31/11	560	<5,000	<0.50	<0.50	<0.50	0.80	--
	07/12/11	930	<5,000	<0.50	<0.50	2.6	5.1	--
	01/17/12	1,400	<5,000	<0.50	<0.50	2.8	4.8	--
	07/16/12	430	<5,000	<0.50	<0.50	0.58	0.72	--
	01/14/13	2,100	<5,000	<0.50	0.64	28	35.6	--
	07/15/13	1,800	<5,000	0.58	<0.50	3.1	3.5	--
	01/30/14	--	--	--	--	--	--	--
	09/30/14	--	--	--	--	--	--	--
	02/24/15	2,800	<5,000	5.8	<1.0[4]	14	16	--
	06/30/15			Unable to Sample - Well Dry				
08/25/15			Unable to Sample - Well Dry					
01/28/16			Not Sampled - Car Parked Over Well					
07/19/16	290	<5,000[5]	0.52	<0.50	<0.50	<0.50	--	
01/25/17	110	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	
07/26/17	95	<5,000[5]	<0.50	<0.50	<0.50	<0.50	--	

TABLE 2
GROUNDWATER ANALYTICAL SUMMARY FOR PETROLEUM HYDROCARBONS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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)	Naphthalene (µg/L)
Legend/Key:								
GRO = Gasoline range organics								
ND= "not-detected" or below the Method Detection Limits								
Oil and Grease = analyzed by EPA Method 1664A.								
GRO = analyzed by EPA Method 8015B/8260B; all other analytes sampled by EPA Method 8260B								
-- = Not analyzed								
NA= Not available								
NT= Not tested								
µg/L = micrograms per liter								
[1]=Gravimetric Method								
[2]= HVOC detected								
[3]= Reported as Hexane Extractable Material (HEM) / SGT HEM								
[4]= Reporting limits were increased due to high concentrations of target analytes								
[5]= Reported as HEM								

TABLE 3
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (deep)	07/25/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	01/23/09	<5.0	61	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0	
	07/21/09	<10.0	80	<10.0	<10.0	<10.0	<10,000	<1,000	<10.0	<10.0	
	01/25/10	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0	
	07/29/10	Not Sampled - Free Product present									
	01/31/11	Not Sampled - Free Product present									
	07/12/11	Not Sampled - Free Product present									
	01/17/12	Not Sampled - Free Product present									
	07/16/12	<10	<200	<20	<20	<20	--	--	<20	<40	
	01/14/13	<40[1]	<800[1]	<80[1]	<80[1]	<80[1]	--	--	<80[1]	<160[1]	
	07/15/13	<20[1]	<400[1]	<40[1]	<40[1]	<40[1]	--	--	<40[1]	<80[1]	
	01/30/14	<20[1]	<400[1]	<40[1]	<40[1]	<40[1]	--	--	<40[1]	<80[1]	
	09/30/14	<5.0[1]	<100[1]	<10[1]	<10[1]	<10[1]	--	--	<10[1]	<20[1]	
	02/24/15	<4.0[1]	<80[1]	<8.0[1]	--	<8.0[1]	--	--	<8.0[1]	<16[1]	
	06/30/15	<1.5[1]	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]	
	08/25/15	<4.0[1]	<80[1]	<8.0[1]	<8.0[1]	<8.0[1]	--	--	<8.0[1]	<16[1]	
	01/28/16	<5.0[1]	<100[1]	<10[1]	<10[1]	<10[1]	--	--	<10[1]	<20[1]	
	07/19/16	<2.5[1]	52	<5.0[1]	<5.0[1]	<5.0[1]	--	--	<5.0[1]	<10[1]	
	01/25/17	<10[1]	<200[1]	<20[1]	<20[1]	<20[1]	--	--	<20[1]	<40[1]	
	07/26/17	<1.5	<30	<3.0	<3.0	<3.0	--	--	<3.0	<12	
MW-2 (deep)	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	1.3	<0.5	
	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	--	--	9.5	<2.0	
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/31/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	09/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	5.5	<2.0	
	02/24/15	<0.50	<10	<1.0	--	<1.0	--	--	<1.0	<2.0	
	06/30/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	08/25/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/28/16	<0.50	<10	<1.0	<1.0	<1.0	--	--	1.0	<2.0	
	07/19/16	<0.50	<10	<1.0	<1.0	<1.0	--	--	6.1	<2.0	
	01/25/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	2.9	<2.0	
	07/26/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	1.8	<2.0	
MW-3 (shallow)	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5	
	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	--	--	<1.0	<2.0	
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/31/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	09/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	02/24/15	<0.50	<10	<1.0	--	<1.0	--	--	<1.0	<2.0	
	06/30/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	08/25/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/28/16	Unable to Sample - Car Parked Over Well									
	07/19/16	Unable to Sample - Car Parked Over Well									
01/25/17	Unable to Sample - Car Parked Over Well										
07/26/17	<0.50	<10	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	

TABLE 3
ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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-4 (deep)	07/25/08	12	34	<2.5	<2.5	<2.5	<2,500	<250	<2.5	<2.5
	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	--	--	<3.0	<6.0
	07/12/11	3.1	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/17/12	3.1	16	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	07/16/12	2.8	<30	<3.0	<3.0	<3.0	--	--	<3.0	<6.0
	01/14/13	3.1	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]
	07/15/13	3.6	16	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/31/14	4.6	<40[1]	<4.0[1]	<4.0[1]	<4.0[1]	--	--	<4.0[1]	<8.0[1]
	09/30/14	2.6	<20	<2.0	<2.0	<2.0	--	--	<2.0	<4.0
	02/24/15	1.2	<20[1]	<2.0[1]	--	<2.0[1]	--	--	<2.0[1]	<4.0[1]
	06/30/15	2.4	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	08/25/15	1.7	<10[1]	<1.0[1]	<1.0[1]	<1.0[1]	--	--	<1.0[1]	<2.0[1]
	01/28/16	1.5[1]	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]
	07/19/16	1.4	14	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/25/17	2.6[1]	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]
	07/26/17	1.2	17	<1.0	<1.0	<1.0	--	--	<1.0	4
MW-5 (deep)	07/25/08	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<0.5
	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	--	--	<2.0	<4.0
	07/12/11	<2.5	<50	<5.0	<5.0	<5.0	--	--	<5.0	<10
	01/17/12	<1.0	<20	<2.0	<2.0	<2.0	--	--	<2.0	<4.0
	07/16/12	<1.0	<20	<2.0	<2.0	<2.0	--	--	<2.0	<4.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	07/15/13	<1.0[1]	26	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]
	01/31/14	<0.50	17	<1.0	<1.0	<1.0	--	--	6.2	<2.0
	09/30/14	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]
	02/24/15	<0.50	<10	<1.0	--	<1.0	--	--	2.5	<2.0
	06/30/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	13	<2.0
	08/25/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	7.2	<2.0
	01/28/16	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	4.1	<4.0[1]
	07/19/16	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	25	--	--	3.6	<4.0
01/25/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	2.9	<2.0	
07/26/17	<1.0	<20	<2.0	<2.0	<2.0	--	--	<2.0	<8.0	
MW-6 (shallow)	07/25/08	<0.5	9.1	<0.5	<0.5	<0.5	<500	<50	0.75	<0.5
	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	--	--	<1.0	<2.0
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	1.4	<2.0
	09/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	02/24/15	<0.50	<10	<1.0	--	<1.0	--	--	<1.0	<2.0
	06/30/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	1.9	<2.0
	08/25/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0
	01/28/16	<0.50[1]	<10[1]	<1.0[1]	<1.0[1]	<1.0[1]	--	--	<1.0[1]	<2.0[1]
	07/19/16	Unable to Sample - Car Parked Over Well								
01/25/17	<0.50[1]	<10[1]	<1.0[1]	<1.0[1]	<1.0[1]	--	--	<1.0[1]	<2.0[1]	
07/26/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	

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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-7 (deep)	07/25/08	<5.0	<20	<5.0	<5.0	<5.0	<5,000	<500	<5.0	<5.0	
	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	--	--	<3.0	<6.0	
	07/12/11	<2.0	<40	<4.0	<4.0	<4.0	--	--	<4.0	<8.0	
	01/17/12	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	07/16/12	<1.0[1]	22	<2.0[1]	2.0	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	01/14/13	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	07/15/13	<2.0[1]	40	<4.0[1]	<4.0[1]	<4.0[1]	--	--	<4.0[1]	<8.0[1]	
	01/30/14	<1.5[1]	35	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]	
	09/30/14	<1.0[1]	26	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	02/24/15	<4.0[1]	<80[1]	<8.0[1]	--	<8.0[1]	--	--	<8.0[1]	<16[1]	
	06/30/15	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	08/25/15	<1.0[1]	<20[1]	<2.0[1]	<2.0[1]	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	01/28/16	<1.5[1]	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]	
	07/19/16	<1.5[1]	<30[1]	<3.0[1]	<3.0[1]	<3.0[1]	--	--	<3.0[1]	<6.0[1]	
	01/25/17										
	07/26/17										
											Unable to Sample - Car Parked Over Well
										Unable to Sample - Well Covered	
MW-8 (shallow)	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	<0.5	<0.5	
	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	--	--	<1.0	<2.0	
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	09/30/14	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	02/24/15	<0.50	<10	<1.0	--	<1.0	--	--	<1.0	<2.0	
	06/30/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	08/25/15	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/28/16	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
07/19/16	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0		
01/25/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0		
07/26/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0		
MW-9 (shallow)	07/25/08	<0.5	<2.0	<0.5	<0.5	<0.5	<500	<50	0.75	<0.5	
	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	--	--	<1.0	<2.0	
	07/12/11	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/17/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/16/12	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/14/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	07/15/13	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0	
	01/30/14	--	--	--	--	--	--	--	--	--	
	09/30/14	--	--	--	--	--	--	--	--	--	
	02/24/15	<1.0[1]	<20[1]	<2.0[1]	--	<2.0[1]	--	--	<2.0[1]	<4.0[1]	
	06/30/15										Unable to Sample - Well Dry
	08/25/15										Unable to Sample - Well Dry
	01/28/16										Unable to Sample - Car Parked Over Well
07/19/16	<0.50	11	<1.0	<1.0	<1.0	--	--	<1.0	<2.0		
01/25/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	<1.0	<2.0		
07/26/17	<0.50	<10	<1.0	<1.0	<1.0	--	--	<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)

NS= Not Sampled

-- = Not Analyzed

µg/L = micrograms per liter

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

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (deep)	07/22/00[1]	<2.5	16.0	<2.5	15	<2.5	<2.5	<5.0	<2.5	8.2	
	01/29/01[1]	<10.0	23.0	<10	23	<10.0	<10.0	<10.0	<10.0	<10.0	
	07/28/01[1]	7.4	9.0	0.97	14	6.4	0.95	<0.5	<0.5	15	
	02/03/02[1]	5.5	10.0	1.4	23	5.5	0.59	<0.5	<0.5	7.4	
	07/23/02[1]	<10.0	2.5	<10.0	15	<10.0	<10.0	<10.0	<10.0	<10.0	
	01/20/03	<10.0	11	<10.0	36	<10.0	<10.0	<10.0	<10.0	11	
	07/30/03	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	01/27/04	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	07/22/04	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	01/20/05[1]	81	<5.0	<5.0	27	<5.0	<5.0	<5.0	<5.0	32	
	07/20/05[1]	<5.0	9.8	<5.0	14	<5.0	<5.0	<5.0	<5.0	15	
	01/26/06	<25	<25	<25	<25	<25	<25	<25	<25	<25	
	07/27/06[1]	26	<10	<10	12	<10	<10	<10	<10	20	
	01/25/07	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	07/19/07	<500	<500	<500	<500	<500	<500	<500	<500	<500	
	02/15/08	<5	<5	<5	14	<5	<5	<5	<5	16	
	07/25/08[1]	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	<50,000	
	01/23/09	<5	<5	<5	6.4	<5	<5	<5	<5	<5	
	07/21/09	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	01/25/10	<5	<5	<5	11	<5	<5	<5	<5	<5	
	07/29/10				Not Sampled - Free Product present						
	01/31/11				Not Sampled - Free Product present						
	07/12/11				Not Sampled - Free Product present						
	01/17/12				Not Sampled - Free Product present						
	07/16/12	<20	<20	<20	<20	<20	<20	<20	<20	<20	
	01/14/13	<320[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	<80[2]	
	07/15/13	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	
	01/30/14	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	<40[1]	
	09/30/14	<10[1]	<10[1]	<10[1]	<10[1]	<10[1]	<10[1]	<10[1]	<10[1]	<10[1]	
	02/24/15	<8.0[2]	8.8	<8.0[2]	21	<8.0[2]	<8.0[2]	<8.0[2]	<8.0[2]	<8.0[2]	
	06/30/15	<3.0[2]	<3.0[2]	<3.0[2]	4.7	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	
	08/25/15	<8.0[2]	<8.0[2]	<8.0[2]	16	<8.0[2]	<8.0[2]	<8.0[2]	<8.0[2]	<8.0[2]	
01/28/16	<10[2]	<10[2]	<10[2]	47	16	<10[2]	<10[2]	<10[2]	27		
07/19/16	6.0	<5.0[2]	<5.0[2]	<5.0[2]	6.9	<5.0[2]	<5.0[2]	<5.0[2]	<5.0[2]		
01/25/17	<20[2]	<20[2]	<20[2]	<20[2]	<20[2]	<20[2]	<20[2]	<20[2]	<20[2]		
07/26/17	<3.0	<3.0	<3.0	<3.0	3.4	<3.0	<3.0	<3.0	<3.0		
MW-2 (deep)	07/22/00	<0.5	<0.5	17	10	<0.5	1.2	<0.5	12.0	<0.5	
	01/29/01	<0.5	<0.5	12	9.1	<0.5	0.9	<0.5	12.0	<0.5	
	07/28/01	<0.5	<0.5	9.7	7.8	<0.5	0.95	<0.5	12.0	<0.5	
	02/03/02	<0.5	<0.5	7.1	6.7	<0.5	0.72	<0.5	9.0	<0.5	
	07/23/02	<0.5	<0.5	1.7	2.1	<0.5	<0.5	<0.5	0.97	<0.5	
	01/20/03	<0.5	<0.5	1.6	2.0	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/30/03	<0.5	<0.5	1.7	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	
	01/27/04	<0.5	<0.5	14	8.9	<0.5	<0.5	<0.5	9.4	<0.5	
	07/22/04	<0.5	<0.5	6.6	6.5	<0.5	<0.5	<0.5	8.0	<0.5	
	01/20/05	<0.5	<0.5	8.7	7.8	<0.5	0.69	<0.5	12.0	<0.5	
	07/20/05	<0.5	<0.5	2.0	2.1	<0.5	<0.5	<0.5	1.2	<0.5	
	01/26/06	<0.5	<0.5	10	7.7	<0.5	0.69	<0.5	13.0	<0.5	
	07/27/06	<0.5	<0.5	13	10	<0.5	0.88	<0.5	13.0	<0.5	
	01/25/07	<0.5	<0.5	5.5	9.1	<0.5	0.64	<0.5	16.0	<0.5	
	07/19/07	<0.5	<0.5	5.3	4.6	<0.5	<0.5	<0.5	7.5	<0.5	
	02/15/08	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	2.1	<0.5	
	07/25/08	<0.5	<0.5	1.3	1.5	<0.5	<0.5	<0.5	4.8	<0.5	
	01/23/09	<0.5	<0.5	7.8	9.4	<0.5	0.88	<0.5	16	<0.5	
	07/21/09	<0.5	<0.5	9.7	8.3	<0.5	0.89	<0.5	15	<0.5	
	01/25/10	<0.5	<0.5	3.8	4.8	<0.5	<0.5	<0.5	9.0	<0.5	
	07/29/10	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	01/31/11	<1.0	<1.0	9.5	6.5	<1.0	<1.0	<1.0	12	<1.0	
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
01/31/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
09/30/14	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	7.2	<1.0	<1.0		
02/24/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0		
06/30/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0		
08/25/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	<1.0		
01/28/16	<1.0	<1.0	1.0	1.1	<1.0	<1.0	<1.0	4.3	<1.0		
07/19/16	<1.0	<1.0	6.1	4.2	<1.0	<1.0	<1.0	9.6	<1.0		
01/25/17	<1.0	<1.0	2.9	2.7	<1.0	<1.0	<1.0	7.5	<1.0		
07/26/17	<1.0	<1.0	1.8	1.8	<1.0	<1.0	<1.0	5.4	<1.0		

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (shallow)	07/22/00	<0.5	<0.5	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/29/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/28/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/03/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/30/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/27/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/22/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/27/06[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/21/09	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/29/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/30/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	02/24/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/30/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/25/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/28/16				Unable to Sample - Car Parked Over Well					
07/19/16				Unable to Sample - Car Parked Over Well						
01/25/17				Unable to Sample - Car Parked Over Well						
07/26/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-4 (deep)	07/22/00	<10	38	<10	620	<10	<10	<10	19	97
	01/29/01	<5.0	35	<5.0	380	15	<5.0	<5.0	19	97
	07/28/01	<7.5	29	<5.0	310	18	<5.0	<5.0	8.4	150
	02/03/02[1]	<7.0	22	<7.0	310	16	<7.0	<7.0	20	120
	07/23/02	<0.5	30	<0.5	240	17	<0.5	<0.5	<0.5	230
	01/20/03	<10.0	28	<10.0	200	16	<10.0	<10.0	69	84
	07/30/03	<10.0	32	<10.0	230	13	<10.0	<10.0	13	290
	01/27/04[1]	<5.0	41	<5.0	370	25	<5.0	<5.0	32	310
	07/22/04[1]	<5.0	23	<5.0	120	13	<5.0	<5.0	9.6	280
	01/20/05[1]	<5.0	28	<5.0	320	23	<5.0	<5.0	81	130
	07/20/05[1]	<5.0	32	<5.0	230	18	<5.0	<5.0	<5.0	170
	01/26/06[1]	<5.0	31	<5.0	320	22	<5.0	<5.0	39	330
	07/27/06[1]	<5.0	24	<5.0	180	24	<5.0	<5.0	19	390
	01/25/07	<5.0	25	<5.0	170	15	<5.0	<5.0	<10	380
	07/19/07[1]	<5.0	28	<5.0	180	27	<5.0	<5.0	21	460
	02/15/08[1]	<5.0	31	<5.0	200	25	<5.0	<5.0	22	130
	07/25/08[1]	5.5	18	<2.5	110	17	<2.5	<2.5	21	87
	01/23/09[1]	<5.0	27	<5.0	150	23	<5.0	<5.0	<5.0	190
	07/21/09[1]	<2.5	22	<2.5	84	14	<2.5	<2.5	15	150
	01/25/10[1]	<5.0	25	<5.0	210	28	<5.0	<5.0	<5.0	240
	07/29/10	<2.0	23	<2.0	51	17	<2.0	<2.0	<2.0	190
	01/31/11	<3.0	22	<3.0	93	18	<3.0	<3.0	<3.0	160
	07/12/11	<1.0	18	<1.0	52	17	<1.0	<1.0	<1.0	100
	01/17/12	<1.0	20	<1.0	54	16	<1.0	<1.0	2.5	130
	07/16/12	<3.0[2]	17	<3.0[2]	30	17	<3.0[2]	<3.0[2]	<3.0[2]	250
	01/14/13	<3.0[2]	26	<3.0[2]	280	23	<3.0[2]	<3.0[2]	6.2	130
	07/15/13	<1.0	<1.0	<1.0	99	23	<1.0	<1.0	1.8	110
01/31/14	<4.0[2]	21	<4.0[2]	360	24	<4.0[2]	<4.0[2]	28	110	
09/30/14	<2.0	18	<2.0	72	15	<2.0	<2.0	<2.0	110	
02/24/15	<2.0[2]	9.1	<2.0[2]	110	9.4	<2.0[2]	<2.0[2]	8.7	18	
06/30/15	<1.0	6.0	<1.0	85	4.2	<1.0	<1.0	3.3	<1.0	
08/25/15	<1.0[2]	<1.0[2]	<1.0[2]	69	5.1	<1.0[2]	<1.0[2]	2.3	8.3	
01/28/16	<3.0[2]	14	<3.0[2]	370	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	140	
07/19/16	<1.0	9.1	<1.0	2.8	28	<1.0	<1.0	<1.0	8.1	
01/25/17	<3.0[2]	16[2]	<3.0[2]	120[2]	19[2]	<3.0[2]	<3.0[2]	<3.0[2]	88[2]	
07/26/17	<1.0	24	<1.0	23	17	<1.0	<1.0	<1.0	46	

TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (deep)	07/22/00	1.8	2.4	1.4	2.6	<1.0	<1.0	<1.0	<1.0	5.0
	01/29/01	<1.0	2.2	2.6	2.2	<1.0	<1.0	<1.0	<1.0	2.2
	07/28/01	1.4	1.3	1.7	1.4	<1.0	<1.0	<1.0	<1.0	2.6
	02/3/02[1]	1.8	2.0	2.1	3.9	0.95	<0.5	<0.5	<0.5	4.6
	07/23/02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/20/03	<1.0	1.4	1.4	1.6	<1.0	<1.0	<1.0	<1.0	1.3
	07/30/03	<1.0	1.2	1.1	1.0	<1.0	<1.0	<1.0	<1.0	2.0
	01/27/04[1]	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/22/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/20/05	1.1	0.84	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/20/05	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/26/06	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	07/27/06	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/07	<0.5	<0.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07	<0.5	0.51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/23/09	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/21/09	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
	07/29/10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/31/11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/12/11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	01/17/12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	07/16/12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]
	01/31/14	<1.0	<1.0	6.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/30/14	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	3.9	<2.0[2]	<2.0[2]	<2.0[2]
	02/24/15	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/30/15	<1.0	<1.0	13	2.9	<1.0	<1.0	<1.0	2.6	<1.0
08/25/15	<1.0	<1.0	7.2	2.7	<1.0	<1.0	<1.0	2.1	<1.0	
01/28/16	<2.0[2]	<2.0[2]	4.1	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	
07/19/16	<2.0[2]	<2.0[2]	3.6	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	
01/25/17	<1.0	<1.0	2.9	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
07/26/17	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
MW-6 (shallow)	07/22/00	<0.5	<0.5	1.2	9.3	<0.5	<0.5	<0.5	<0.5	0.97
	01/29/01	<0.5	<0.5	1.1	11	<0.5	<0.5	<0.5	<0.5	0.77
	07/28/01	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/03/02	<0.5	<0.5	1.5	13	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<1.0	<1.0	<1.0	9.3	<1.0	<1.0	<1.0	<1.0	<1.0
	01/20/03	<1.0	<1.0	1.8	14	<1.0	<1.0	<1.0	<1.0	<1.0
	07/30/03	<1.0	<0.5	1.3	7.6	<0.5	<0.5	<0.5	<0.5	2.7
	01/27/04[1]	<2.5	<2.5	<2.5	8.4	<2.5	<2.5	<2.5	<2.5	3.2
	07/22/04	<0.5	<0.5	1.3	3.3	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05	<0.5	<0.5	0.99	8.7	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	<0.5	0.79	4.5	<0.5	<0.5	<0.5	<0.5	0.65
	01/26/06	<0.5	<0.5	0.81	6.2	<0.5	<0.5	<0.5	<0.5	1.90
	07/27/06	<0.5	<0.5	0.82	4.4	<0.5	<0.5	<0.5	<0.5	1.10
	01/25/07	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	1.30
	07/19/07	<0.5	<0.5	0.73	2.2	<0.5	<0.5	<0.5	<0.5	1.30
	02/15/08	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	0.79
	07/25/08	<0.5	<0.5	0.75	0.81	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	<0.5	<0.5	0.53	<0.5	<0.5	<0.5	<0.5	<0.5
	07/21/09	<0.5	<0.5	<0.5	0.66	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10	<0.5	<0.5	<0.5	0.94	<0.5	<0.5	<0.5	<0.5	<0.5
	08/02/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/30/14	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
09/30/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
02/24/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
06/30/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
08/25/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
01/28/16	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	
07/19/16	Unable to Sample - Car Parked Over Well									
01/25/17	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]	<1.0[2]
07/26/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

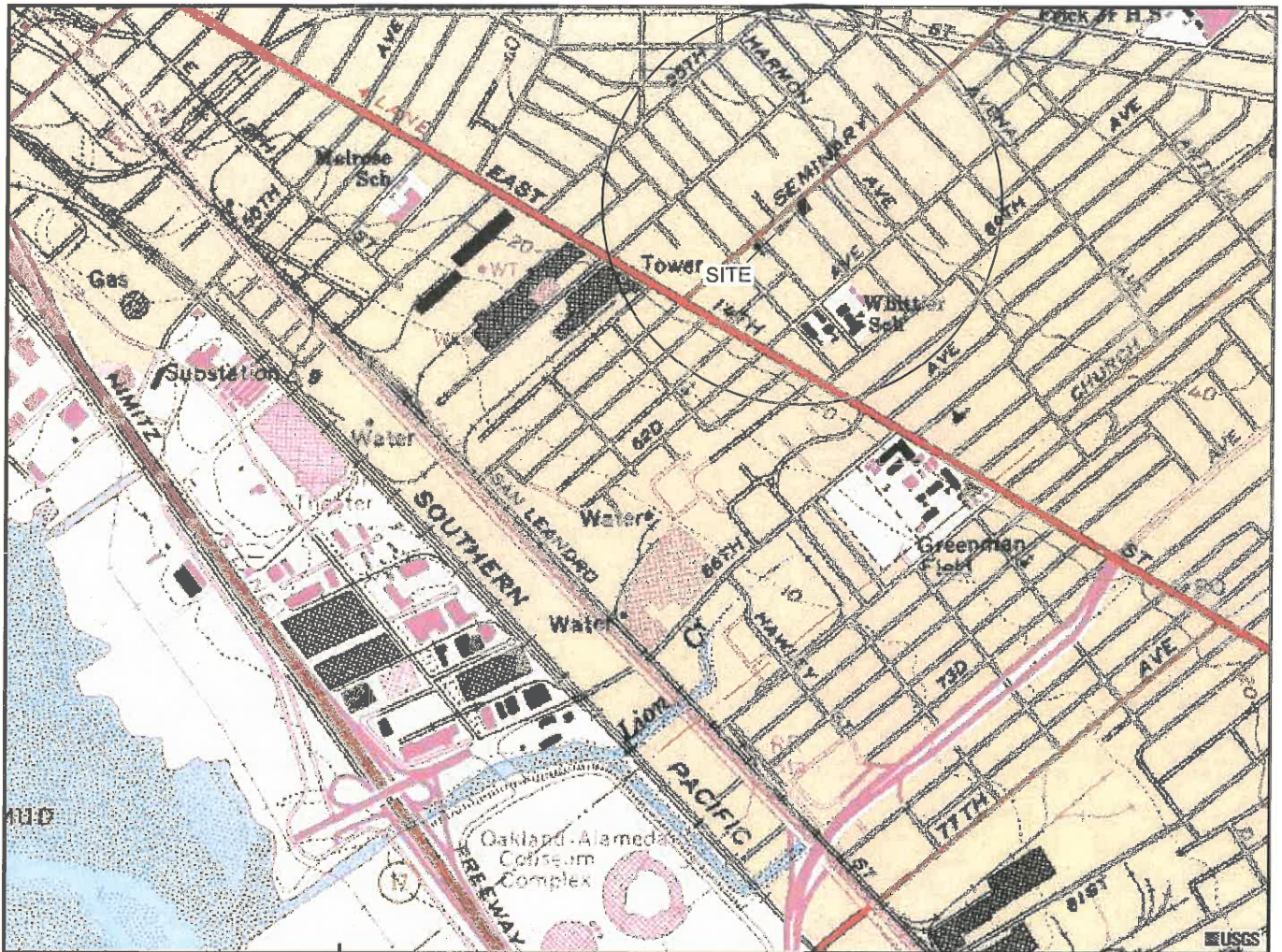
TABLE 4
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
 Gritmit Auto Repair & Automotive Service, 1970 Seminary Boulevard, Oakland, California

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 (deep)	07/22/00[1]	<5	18	<5	170	<5	<5	<5	8	<5
	01/29/01[1]	<5	18	<5	170	<5	<5	<5	8	<5
	07/28/01[1]	<5	11	<5	170	<5	<5	<5	6.9	6.1
	02/03/02	<5.0	<5.0	<5.0	94	<5.0	<5.0	<5.0	30	<5.0
	07/23/02	<10.0	12.0	<10.0	180	<10.0	<10.0	<10.0	<10.0	<10.0
	01/20/03	<2.5	<2.5	<2.5	50	<2.5	<2.5	11	<2.5	<2.5
	07/30/03	<2.5	<2.5	<2.5	130	<2.5	<2.5	<2.5	<2.5	9.5
	01/27/04	<5.0	<5.0	<5.0	130	<5.0	<5.0	<5.0	20	24
	07/22/04	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0
	01/20/05	<2.5	2.7	<2.5	110	<2.5	<2.5	<2.5	20	28
	07/20/05	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<5.0	29
	01/26/06	<5.0	<5.0	<5.0	110	<5.0	<5.0	<5.0	<5.0	19
	07/27/06	<5.0	<5.0	<5.0	350	<5.0	<5.0	<5.0	<5.0	55
	01/25/07	<0.5	<0.5	<0.5	29	<0.5	<0.5	<0.5	<0.5	5.9
	07/19/07[1]	<0.5	<0.5	<0.5	210	<0.5	<0.5	<0.5	<0.5	31
	02/15/08[1]	<0.5	5.5	<0.5	220	<0.5	<0.5	<0.5	<0.5	28
	07/25/08	<5.0	<5.0	<5.0	99	<5.0	<5.0	<5.0	<5.0	<5.0
	01/23/09	<5.0	<5.0	<5.0	190	<5.0	<5.0	<5.0	<5.0	26
	07/21/09	<2.5	<2.5	<2.5	82	<2.5	<2.5	<2.5	<2.5	<2.5
	01/25/10	<5.0	<5.0	<5.0	98	<5.0	<5.0	<5.0	<5.0	19
	07/29/10	<10	<10	<10	810	<10	<10	<10	<10	70
	01/31/11	<3.0	<3.0	<3.0	100	<3.0	<3.0	<3.0	5.1	24
	07/12/11	<4.0	<4.0	<4.0	190	<4.0	<4.0	<4.0	<4.0	43
	01/17/12	<2.0[2]	<2.0[2]	<2.0[2]	65	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	30
	07/16/12	<2.0[2]	<2.0[2]	<2.0[2]	180	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	52
	01/14/13	<2.0[2]	5.8	<2.0[2]	280	2.8	<2.0[2]	<2.0[2]	3.5	80
	07/15/13	<4.0[2]	<4.0[2]	<4.0[2]	67	<4.0[2]	<4.0[2]	<4.0[2]	<4.0[2]	56
	01/30/14	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	64
	09/30/14	<2.0[2]	<2.0[2]	<2.0[2]	13	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	84
	02/24/15	<8.0[2]	<8.0[2]	<8.0[2]	530	11	<8.0[2]	<8.0[2]	<8.0[2]	210
	06/30/15	<2.0[2]	<2.0[2]	<2.0[2]	16	<2.0[2]	<2.0[2]	<2.0[2]	3.9	16
	08/25/15	<2.0[2]	<2.0[2]	<2.0[2]	9.8	<2.0[2]	<2.0[2]	<2.0[2]	2.8	14
01/28/16	<3.0[2]	<3.0[2]	<3.0[2]	93	4.5	<3.0[2]	<3.0[2]	3.1	6.7	
07/19/16	<3.0[2]	<3.0[2]	<3.0[2]	110	<3.0[2]	<3.0[2]	<3.0[2]	<3.0[2]	5.2	
01/25/17										
07/26/17										
					Unable to Sample - No Access					
					Unable to Sample - Well Covered					
MW-8 (shallow)	07/22/00	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	2.4	1.6	<0.5
	01/29/01	<0.5	<0.5	<0.5	10	<0.5	<0.5	<5.0	8.8	<0.5
	07/28/01	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	<1.5	2.1	<0.5
	02/03/02	<0.5	<0.5	<0.5	6.6	<0.5	<0.5	3.3	4.6	<0.5
	07/23/02	<0.5	<0.5	<0.5	8.4	<0.5	<0.5	3.5	5.2	<0.5
	01/20/03	<0.5	<0.5	<0.5	7.3	<0.5	<0.5	6	6.7	<0.5
	07/30/03	<0.5	<0.5	<0.5	25	<0.5	<0.5	15	20	<0.5
	01/27/04	<0.5	<0.5	<0.5	4	<0.5	<0.5	3.1	3.1	<0.5
	07/22/04	<0.5	<0.5	<0.5	20	<0.5	<0.5	8.3	13	<0.5
	01/20/05	<0.5	<0.5	<0.5	6.5	<0.5	<0.5	5.2	5.1	<0.5
	07/20/05	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	1.4	1.2	<0.5
	01/26/06	<0.5	<0.5	<0.5	7.3	<0.5	<0.5	6.6	6.2	<0.5
	07/27/06	<0.5	<0.5	<0.5	10	<0.5	<0.5	6.8	7.3	<0.5
	01/25/07	<0.5	<0.5	<0.5	11	<0.5	<0.5	6.3	6.9	<0.5
	07/19/07	<0.5	<0.5	<0.5	0.52	<0.5	<0.5	0.94	0.73	<0.5
	02/15/08	<0.5	<0.5	<0.5	7.5	<0.5	<0.5	5.6	5.4	<0.5
	07/25/08	<0.5	<0.5	<0.5	0.58	<0.5	<0.5	<0.5	0.50	<0.5
	01/23/09	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	2.7	3.3	<0.5
	07/21/09	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	1.8	2.3	<0.5
	01/25/10	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	1.2	1.2	<0.5
	07/29/10	<1.0	<1.0	<1.0	7.3	<1.0	<1.0	5.1	5.3	1.1
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	31	<1.0	<1.0	12	15	2.4
	01/17/12	<1.0	<1.0	<1.0	21	<1.0	<1.0	12	13	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	2.7	3.0	<1.0
	07/15/13	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	1.7	1.3	<1.0
01/30/14	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	2.4	2.4	<1.0	
09/30/14	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	3.3	3.2	2.1	
02/24/15	<1.0	<1.0	<1.0	7.9	<1.0	<1.0	4.1	3.8	1.2	
06/30/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
08/25/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
01/28/16	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	1.8	1.6	1.1	
07/19/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
01/25/17	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	1.1	1.2	1.1	
07/26/17	<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
Grimt Auto Repair & Automotive Service, 1970 Seminary Boulevard, 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 (shallow)	07/22/00	<1	1.4	<1	1.6	<1	<1	<1	<1	<1
	01/29/01	<0.5	1.2	0.71	<0.5	8.2	<0.5	<5.0	<0.5	0.53
	07/28/01	<0.5	0.87	<0.5	0.92	<0.5	<0.5	<5.0	2.5	<0.5
	02/03/02	<0.5	1.2	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5
	07/23/02	<2.5	3.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	01/20/03	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/30/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/27/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/22/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/20/05[1]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/05	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/27/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/19/07[1]	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/15/08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/25/08	<0.5	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/23/09	<0.5	0.69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/20/09	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	01/25/10	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/29/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/31/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/12/11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/17/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	07/16/12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/14/13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/15/13	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	
01/30/14	--	--	--	--	--	--	--	--	--	
09/30/14	--	--	--	--	--	--	--	--	--	
02/24/15	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	<2.0[2]	
06/30/15	Unable to Sample - Well Dry									
08/25/15	Unable to Sample - Well Dry									
01/28/16	Unable to Sample - Car Parked Over Well									
07/19/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
01/25/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
07/26/17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

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



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



QUADRANGLE LOCATION



APPROXIMATE SCALE

STRATUS
 ENVIRONMENTAL, INC.

FORMER GRIMIT AUTO
 1770 SEMINARY AVENUE
 OAKLAND, CALIFORNIA

SITE LOCATION MAP

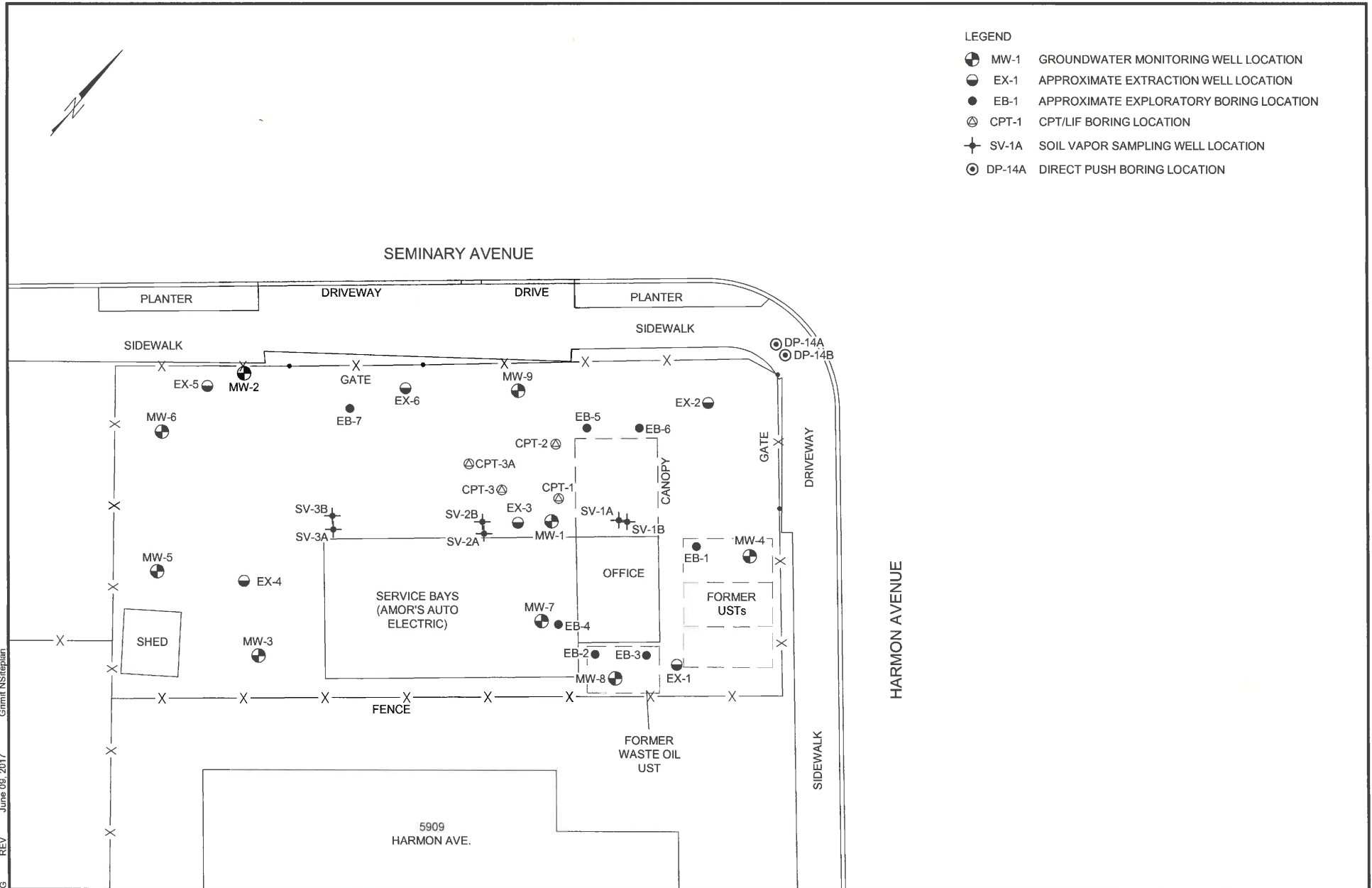
FIGURE

1

PROJECT NO.
 2090-1970-01

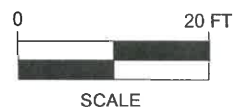
LEGEND

- ⊕ MW-1 GROUNDWATER MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION
- EB-1 APPROXIMATE EXPLORATORY BORING LOCATION
- ⊗ CPT-1 CPT/LIF BORING LOCATION
- ⊕ SV-1A SOIL VAPOR SAMPLING WELL LOCATION
- ⊙ DP-14A DIRECT PUSH BORING LOCATION



Gritit Auto
DMG
REV June 06, 2017
Gritit NSiteplan

STRATUS
ENVIRONMENTAL, INC.



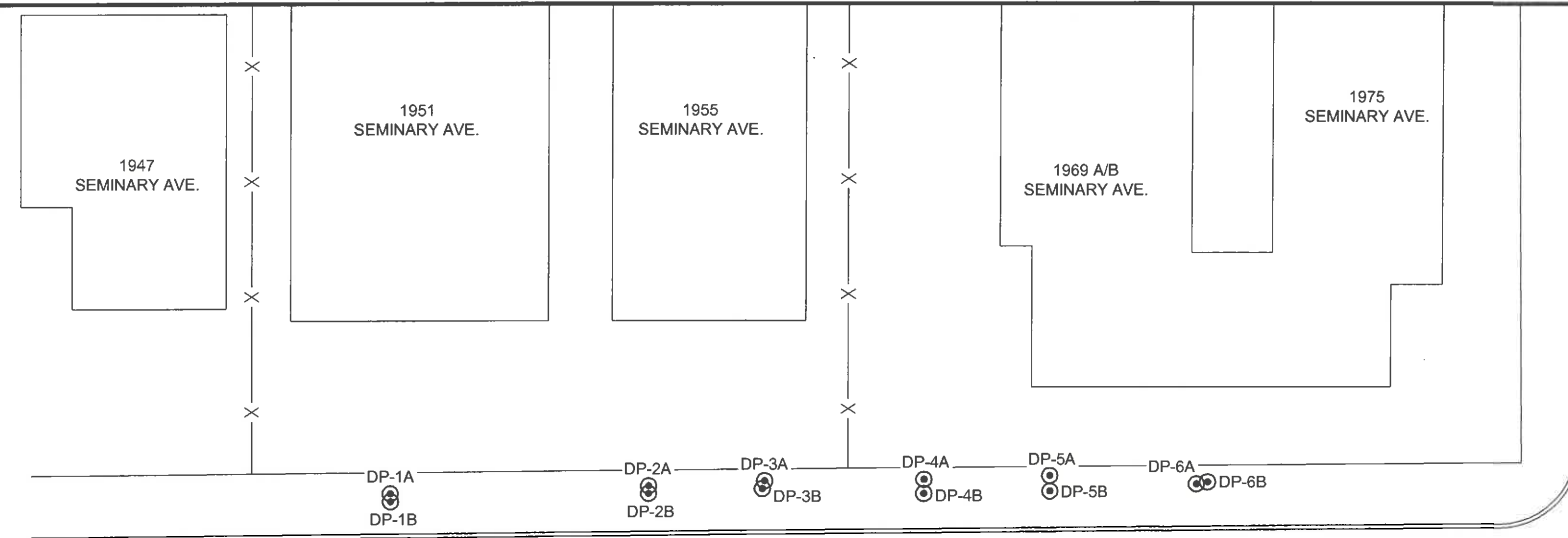
FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA

SITE PLAN

FIGURE

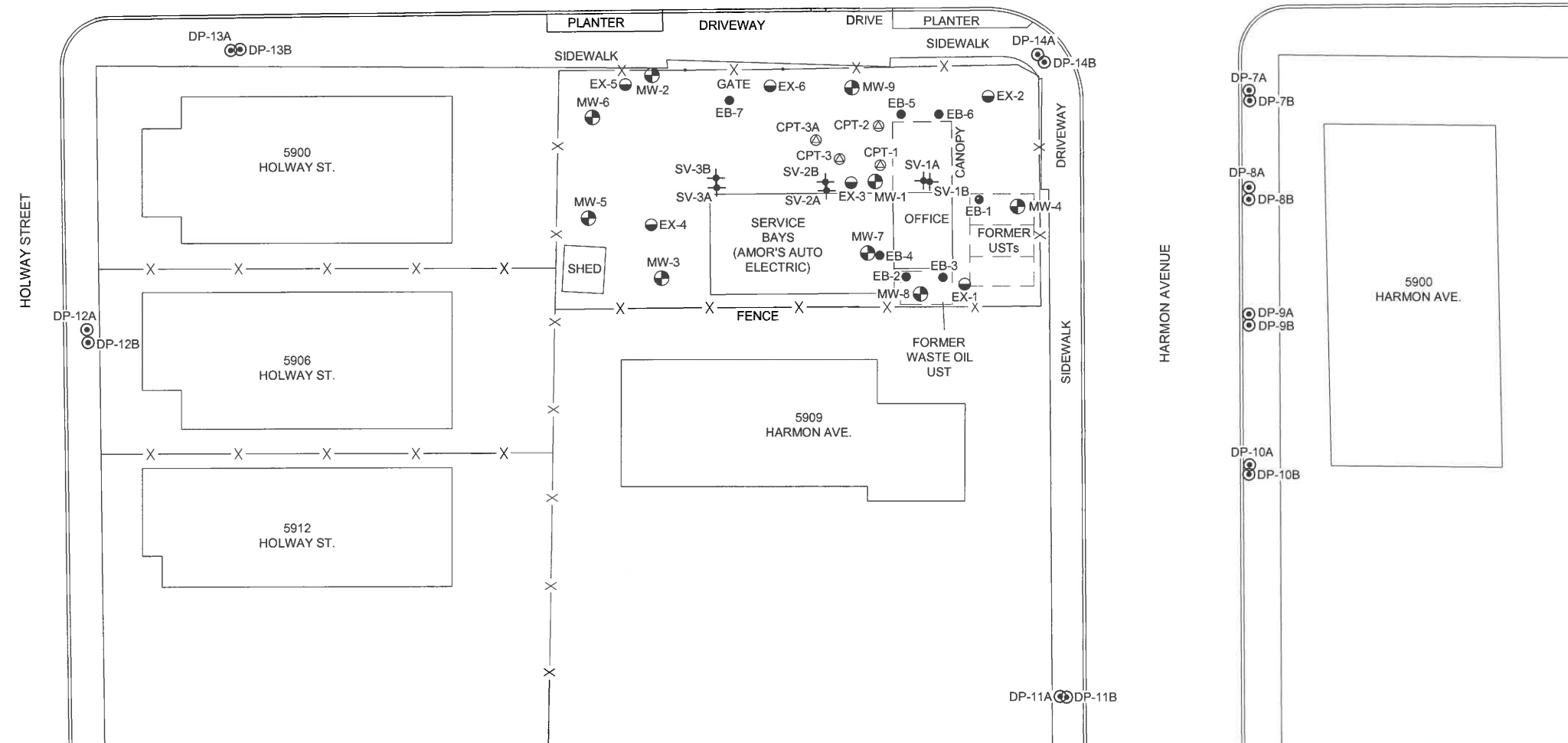
2

PROJECT NO.
2090-1970-1



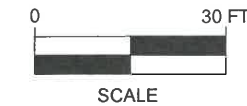
- LEGEND
- MW-1 GROUNDWATER MONITORING WELL LOCATION
 - EX-1 APPROXIMATE EXTRACTION WELL LOCATION
 - EB-1 APPROXIMATE EXPLORATORY BORING LOCATION
 - CPT-1 CPT/LIF BORING LOCATION
 - SV-1A SOIL VAPOR SAMPLING WELL LOCATION
 - DP-1A DIRECT PUSH BORING LOCATION

SEMINARY AVENUE



STRATUS
ENVIRONMENTAL, INC.

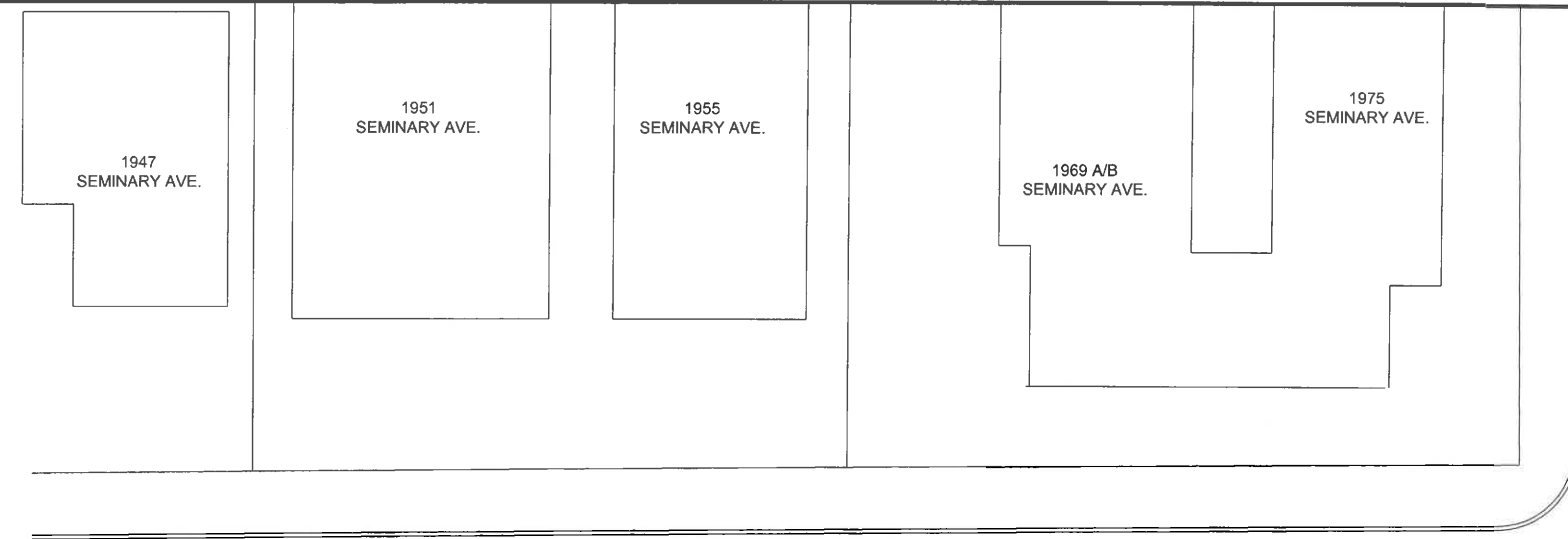
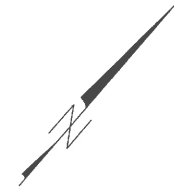
PATH NAME: Gritmit Auto
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: June 09, 2017
 FILENAME: Gritmit Site Vicinity Map



FORMER GRIMIT AUTO
 1970 SEMINARY AVENUE
 OAKLAND, CALIFORNIA

SITE VICINITY MAP

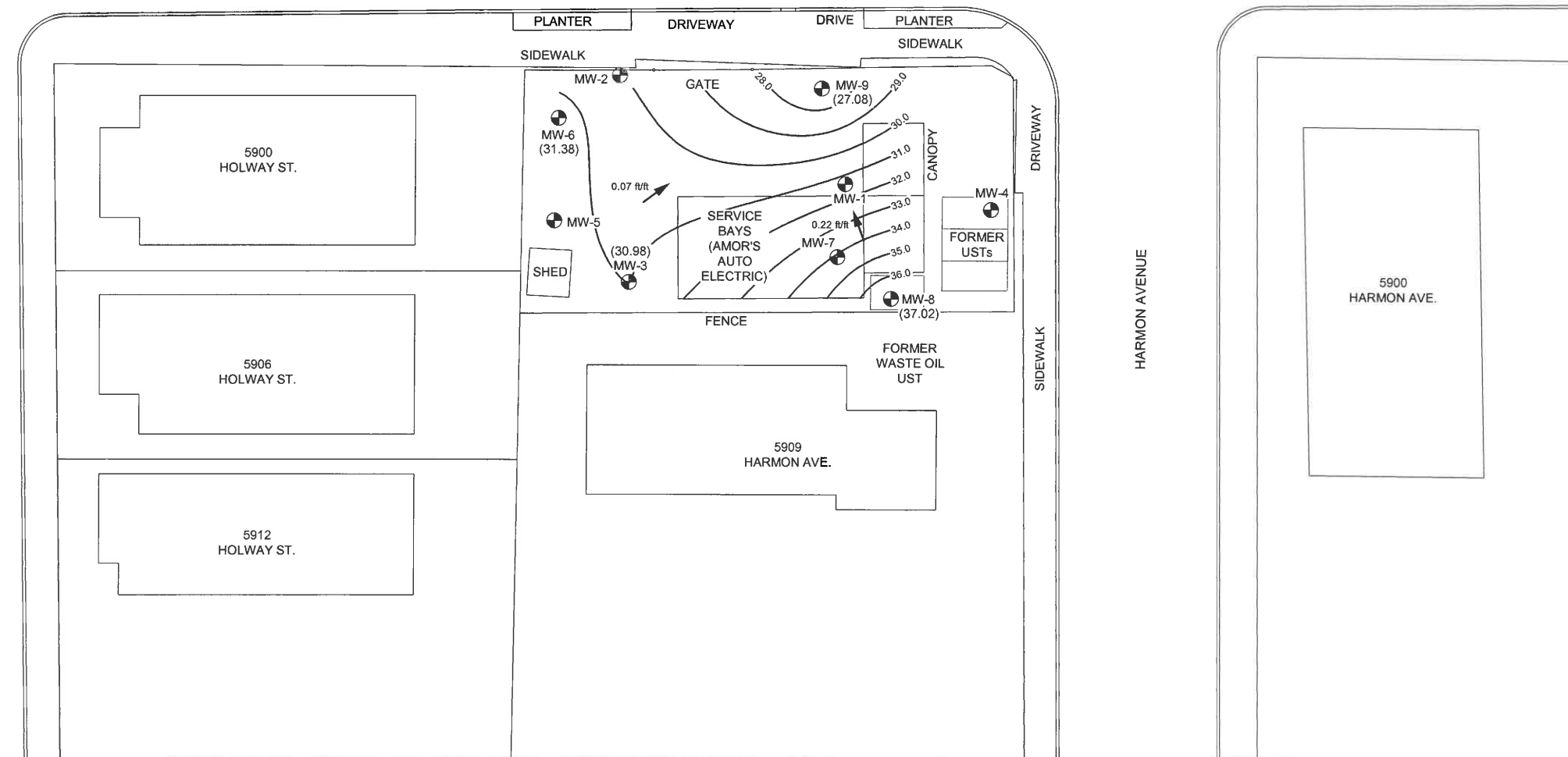
FIGURE
3
 PROJECT NO.
 2090-1970-1



- LEGEND
- MW-1 GROUNDWATER MONITORING WELL LOCATION
 - (37.02) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - 33.0— WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL, DASHED WHERE INFERRED
 - INFERRED DIRECTION OF GROUNDWATER FLOW AND GRADIENT
- WELLS MEASURED ON 07/26/17

SEMINARY AVENUE

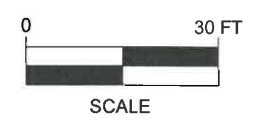
HOLWAY STREET



HARMON AVENUE

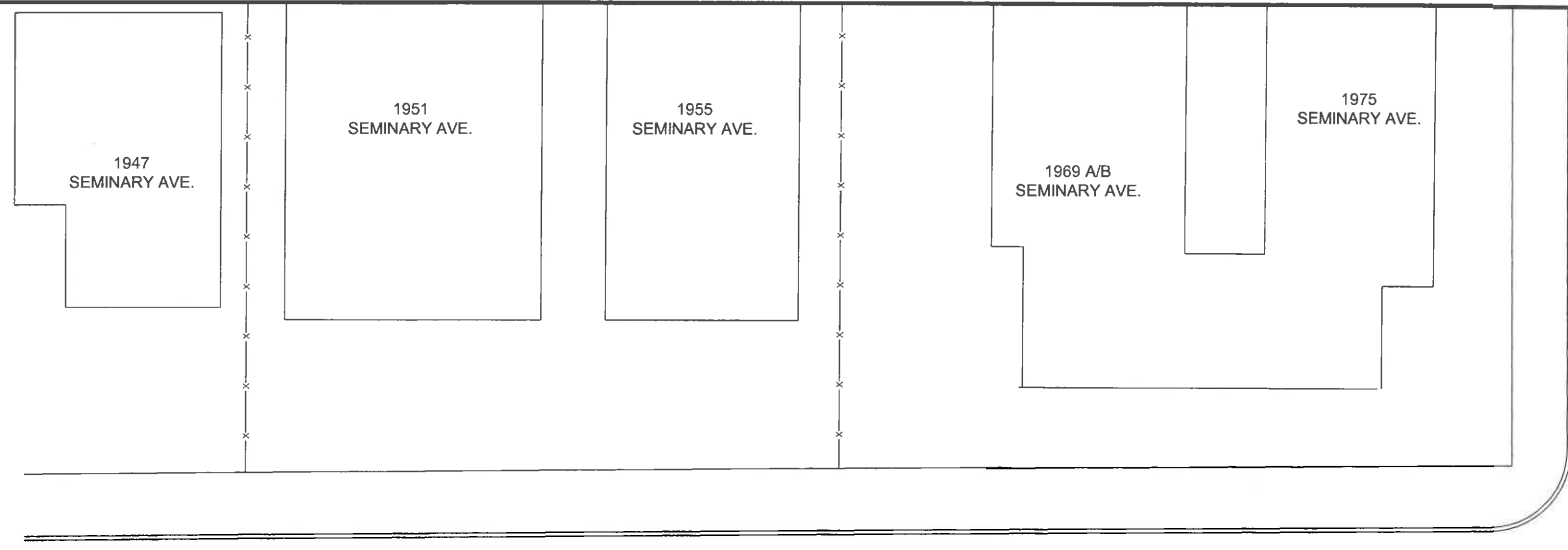
STRATUS
ENVIRONMENTAL, INC.

PATH NAME: Gritmit Auto/Quarterly
DRAFTER INITIALS: DMG
DATE LAST REVISED: September 18, 2017
FILENAME: Gritmit Quarterly Figures



FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW WELLS
3rd QUARTER 2017

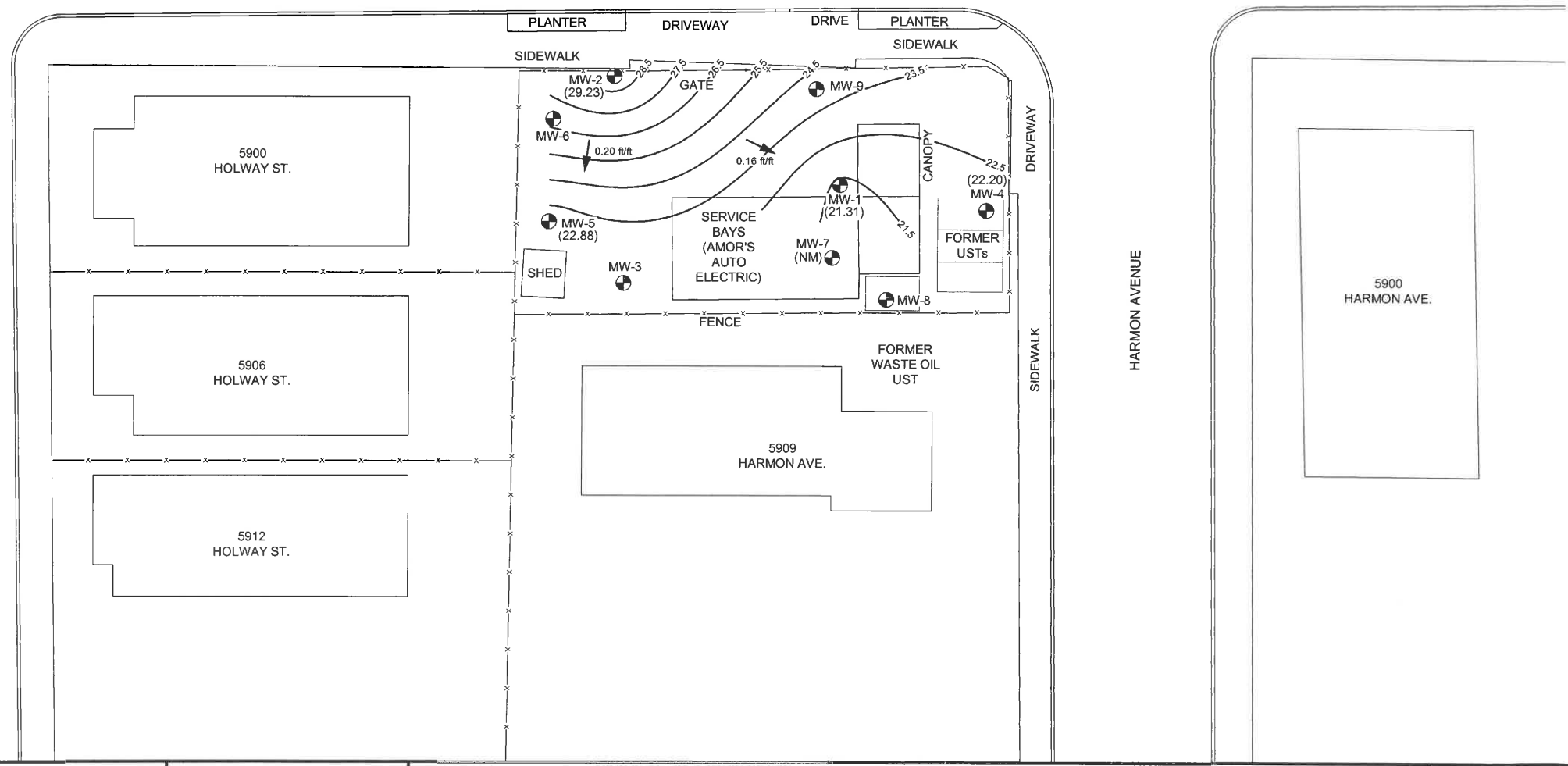
FIGURE
4
PROJECT NO.
2090-1970-01



- LEGEND
- MW-1 GROUNDWATER MONITORING WELL LOCATION
 - (22.88) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL.
 - 23.5— WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL, DASHED WHERE INFERRED
 - INFERRED DIRECTION OF GROUNDWATER FLOW AND GRADIENT
- WELLS MEASURED ON 07/26/17
(NM) = NOT MEASURED

SEMINARY AVENUE

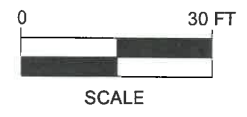
HOLWAY STREET



HARMON AVENUE

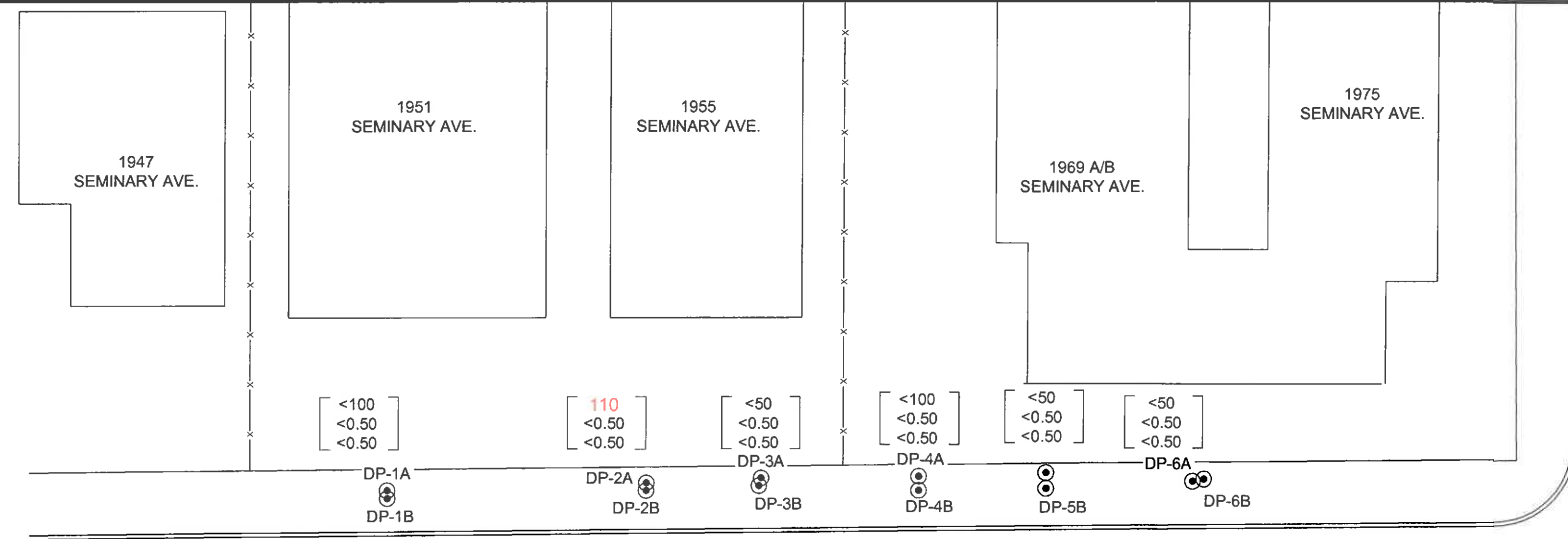
STRATUS
ENVIRONMENTAL, INC.

PATH NAME: Gritmit Auto/Quarterly
DRAFTER INITIALS: DMG
DATE LAST REVISED: September 18, 2017
FILENAME: Gritmit Quarterly Figures



FORMER GRIMIT AUTO
1970 SEMINARY AVENUE
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
DEEP WELLS
3rd QUARTER 2017

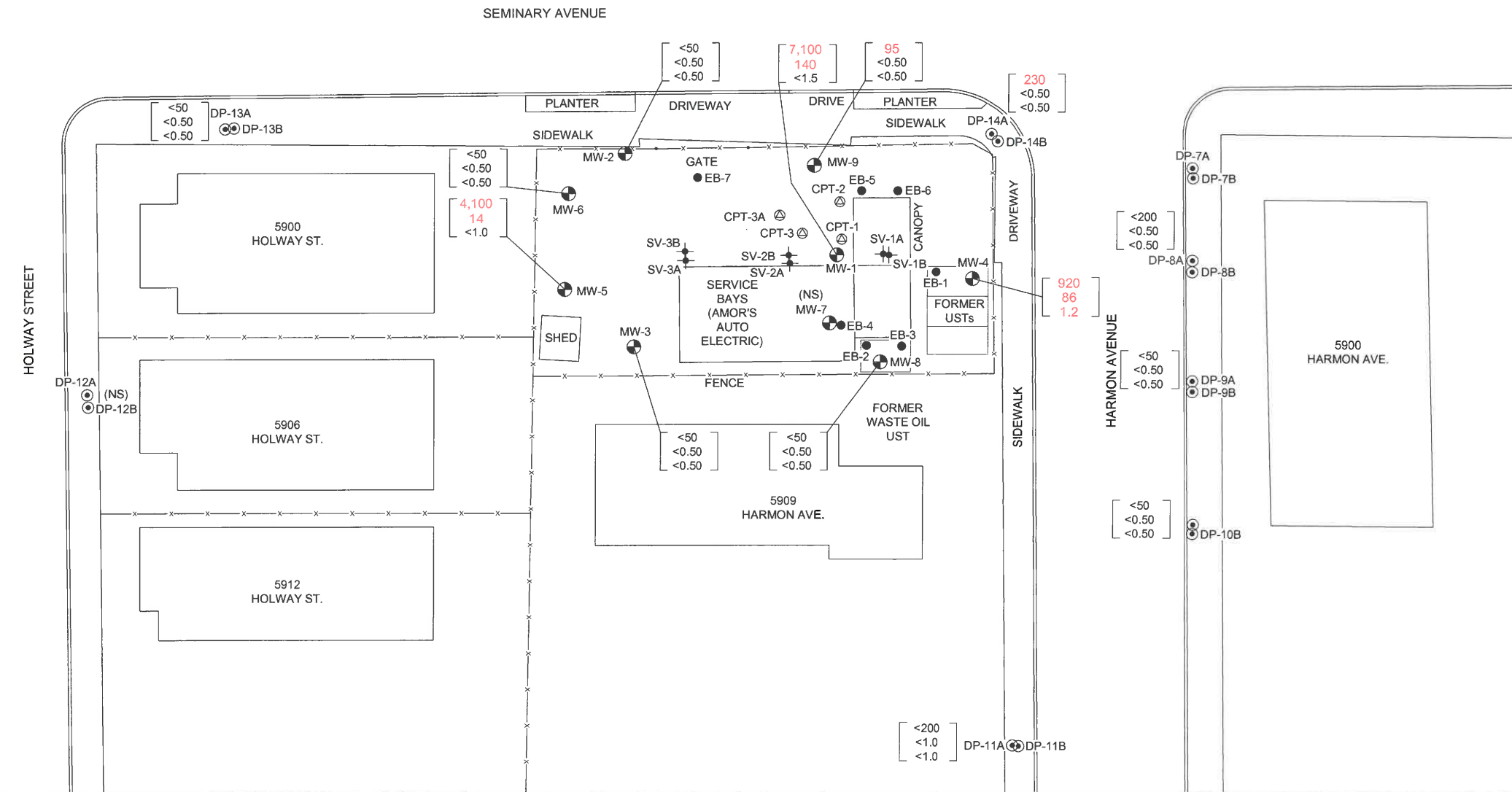
FIGURE
5
PROJECT NO.
2090-1970-01



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION
- EB-1 APPROXIMATE EXPLORATORY BORING LOCATION
- ⊗ CPT-1 CPT/LIF BORING LOCATION
- ⊕ SV-1A SOIL VAPOR SAMPLING WELL LOCATION
- ⊙ DP-1A DIRECT PUSH BORING LOCATION
- [<50] GASOLINE RANGE ORGANICS (GRO) IN µg/L
- [<0.50] BENZENE CONCENTRATION IN µg/L
- [<0.50] METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

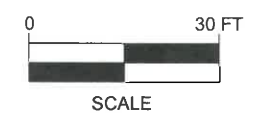
DIRECT PUSH SAMPLES COLLECTED IN JANUARY 2012
 WELL SAMPLES COLLECTED ON 07/26/17
 GRO ANALYZED BY EPA METHOD 8015C
 BENZENE & MTBE ANALYZED BY EPA METHOD 8260B
 [NS] = NOT SAMPLED



NOTE:
 DIRECT PUSH BORINGS SAMPLED IN JANUARY 2012
 WELLS SAMPLED ON 07/26/17

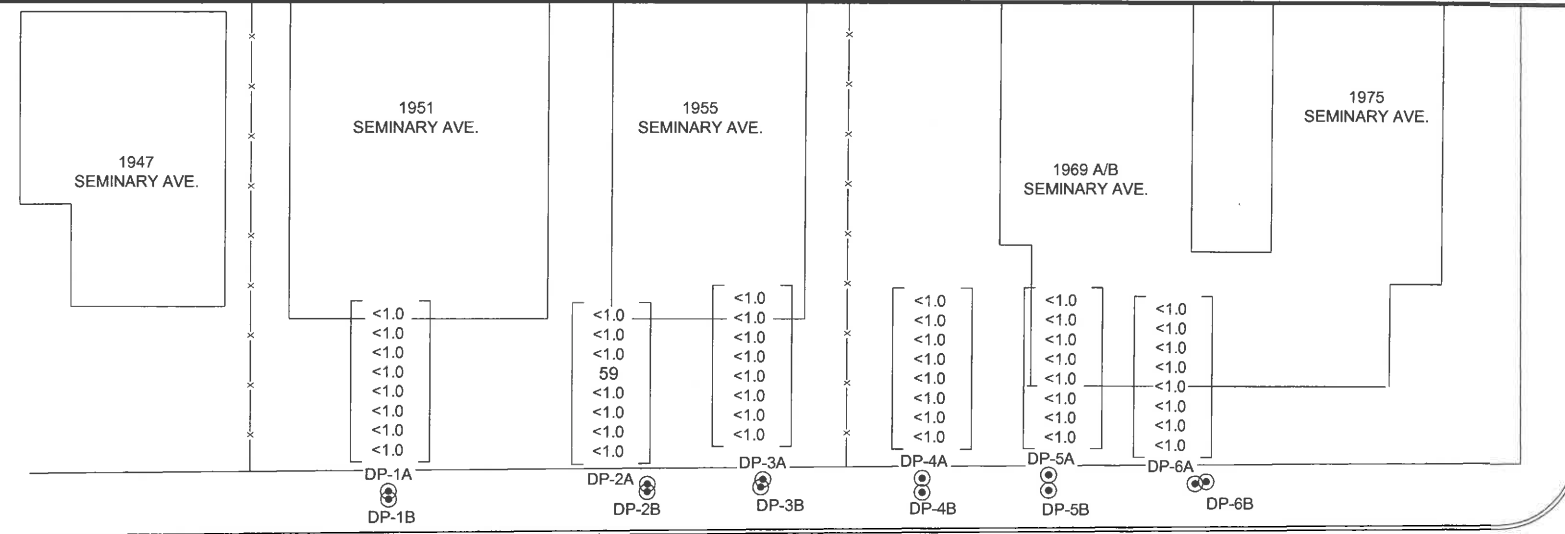


PATH NAME: Gritmit Auto/Quarterly
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: September 18, 2017
 FILENAME: Gritmit Quarterly Figures



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

FIGURE
6
 PROJECT NO.
 2090-1970-01

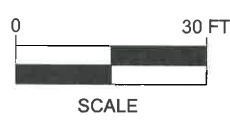
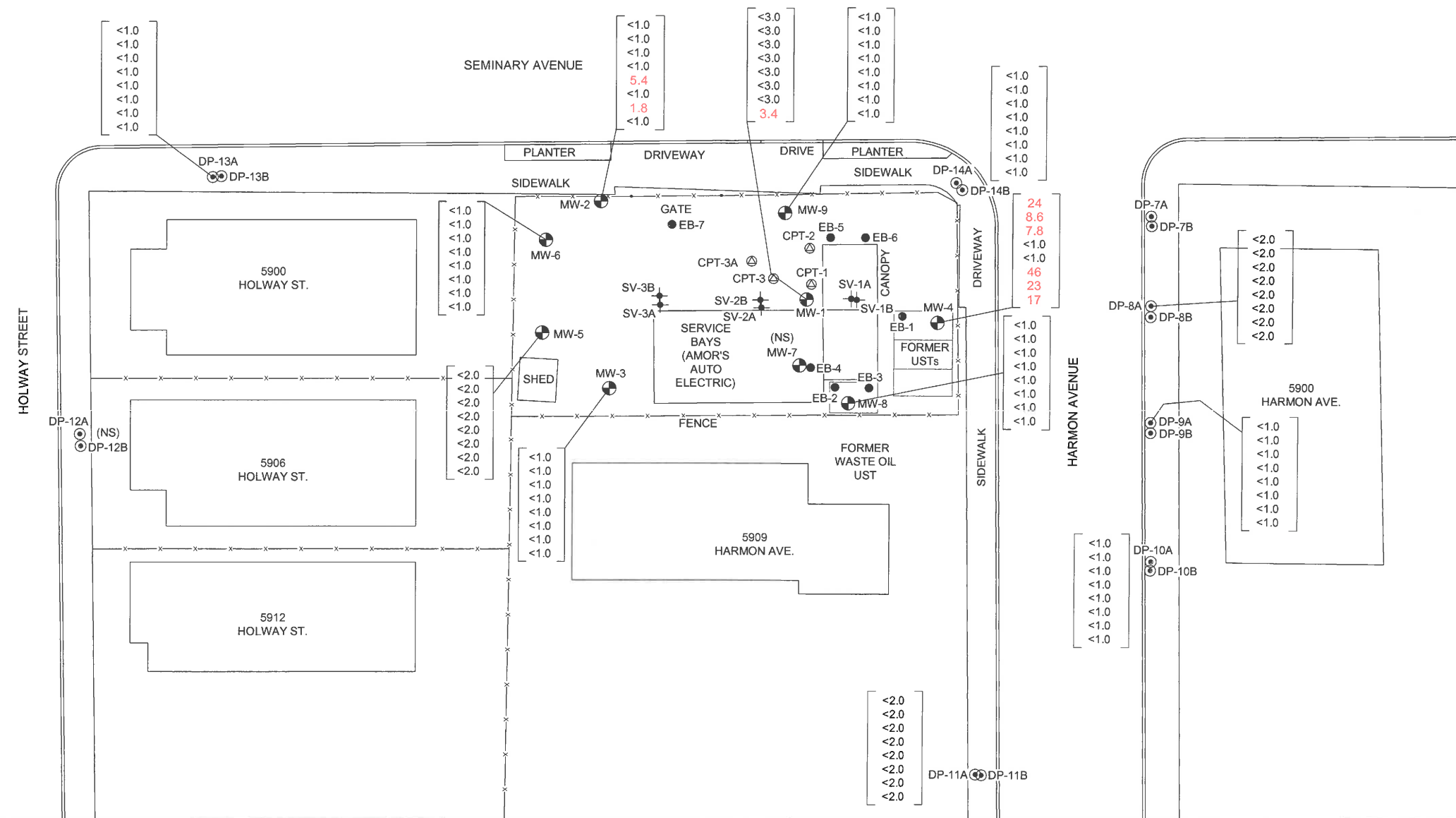


LEGEND

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

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

DIRECT PUSH SAMPLES COLLECTED IN JANUARY 2012
 WELL SAMPLES COLLECTED ON 07/26/17
 1,2 DCB, 1,3 DCB, 1,4 DCB, PCE, TCE, VC, cis-1,2 DCE,
 & trans-1,2 DCE ANALYZED BY EPA METHOD 8260B
 [NS] = NOT SAMPLED



STRATUS
ENVIRONMENTAL, INC.

PATH NAME: Gritmit Auto/Quarterly
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: September 18, 2017
 FILENAME: Gritmit Quarterly Figures

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

FIGURE
7
 PROJECT NO.
 2090-1970-01

APPENDIX A
FIELD DATA SHEETS



Site Address 1970 Seminary Ave
 City Clarkston
 Sampled by: _____
 Signature CHILL

Site Number Grunt Auto
 Project Number _____
 Project PM Scott
 DATE 7/26/17

ORIGINAL

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	1107		21.60	34.60	13.04	2	.5	6	6		X			27.74	MW 1	1140	0	
MW 2	0829		13.09	35.60	22.01	2	.5	11	11		X			24.73	MW 2	0953	1.25	
MW 3	1022		11.87	20.40	8.53	2	.5	4	3.04		X			15.23	MW 3	1130	1.40	
MW 4	0830		20.19	34.60	14.41	2	.5	7	6.04		X			26.13	MW 4	1008	1.30	
MW 5	0832		19.81	34.92	15.11	2	.5	7	6.04		X			24.70	MW 5	1200	1.97	
MW 6	1022	10.76	10.98	18.25	7.29	2	.5	4	-	X	X			10.96	MW 6	1055	2.03	
MW 7	Covered					2	.5							-	MW 7	-		
MW 8	0831		5.40	19.12	13.52	2	.5	7	7		X			5.41	MW 8	0945	3.75	
MW 9	1018		15.53	20.09	4.52	2	.5	2	1		X			15.53	MW 9	1045	2.03	

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 7.137
 Conductivity _____
 DO _____



Site Address 1970 A Seminary
 City Oakton
 Sampled By CHILL
 Signature CHILL

Site Number Crown Ave
 Project Number _____
 Project PM SLH
 DATE 7-26-17
 Weather Conditions clouds

Well ID <u>MW 2</u>					Well ID <u>MW 5</u>				
Comments: <u>11</u>					Comments: <u>7</u>				
Purge start time	Temp C	pH	cond	gallons	Purge start time	Temp C	pH	cond	gallons
time <u>0840</u>	<u>18.1</u>	<u>7.4</u>	<u>651.1</u>	<u>8</u>	time <u>0857</u>	<u>16.9</u>	<u>6.70</u>	<u>674.5</u>	<u>8</u>
time <u>0845</u>	<u>16.7</u>	<u>6.87</u>	<u>696.7</u>	<u>5</u>	time <u>0902</u>	<u>16.9</u>	<u>6.65</u>	<u>746.9</u>	<u>3.5</u>
time <u>0850</u>	<u>18.6</u>	<u>6.91</u>	<u>672.9</u>	<u>11</u>	time <u>0905</u>	<u>18.0</u>	<u>6.76</u>	<u>777.9</u>	<u>6.47</u>
time <u>0953</u>					time <u>1000</u>				
purge stop time <u>24.73</u>	DO <u>1.78</u>	ORP <u>-28.2</u>			purge stop time	DO <u>1.97</u>	ORP <u>-6.4</u>		
Well ID <u>MW 4</u>					Well ID <u>MW 8</u>				
Comments: <u>7</u>					Comments: <u>7</u>				
Purge start time	Temp C	pH	cond	gallons	Purge start time	Temp C	pH	cond	gallons
time <u>0911</u>	<u>17.9</u>	<u>6.66</u>	<u>682.5</u>	<u>8</u>	time <u>0927</u>	<u>18.1</u>	<u>6.85</u>	<u>311.0</u>	<u>8</u>
time <u>0914</u>	<u>17.9</u>	<u>6.64</u>	<u>690.1</u>	<u>3.5</u>	time <u>0932</u>	<u>18.4</u>	<u>6.83</u>	<u>296.0</u>	<u>3.5</u>
time <u>0922</u>	<u>18.0</u>	<u>6.74</u>	<u>676.9</u>	<u>6.04</u>	time <u>0936</u>	<u>19.2</u>	<u>6.92</u>	<u>288.5</u>	<u>7</u>
time <u>1008</u>					time <u>0944</u>				
purge stop time	DO <u>1.30</u>	ORP <u>3.4</u>			purge stop time	DO <u>3.75</u>	ORP <u>-19.0</u>		
Well ID <u>MW 3</u>					Well ID <u>MW 6</u>				
Comments: <u>4</u>					Comments: <u>4</u>				
Purge start time	Temp C	pH	cond	gallons	Purge start time	Temp C	pH	cond	gallons
time <u>1028</u>	<u>17.8</u>	<u>6.60</u>	<u>592.5</u>	<u>8</u>	time <u>1059</u>	<u>17.8</u>	<u>7.01</u>	<u>470.6</u>	
time <u>1032</u>	<u>17.9</u>	<u>6.60</u>	<u>601.7</u>	<u>2</u>	time				
time <u>1034</u>	<u>18.5</u>	<u>6.75</u>	<u>600.4</u>	<u>3.24</u>	time				
time <u>1130</u>					time				
purge stop time	DO <u>1.40</u>	ORP <u>-4.0</u>			purge stop time	DO <u>2.93</u>	ORP <u>-24.1</u>		
Well ID <u>MW 9</u>					Well ID <u>MW-1</u>				
Comments: <u>2</u>					Comments: _____				
Purge start time	Temp C	pH	cond	gallons	Purge start time	Temp C	pH	cond	gallons
time	<u>18.2</u>	<u>6.67</u>	<u>907.8</u>		time <u>1110</u>	<u>20.4</u>	<u>6.66</u>	<u>683.5</u>	<u>8</u>
time					time				<u>3</u>
time					time <u>Out Water</u>				<u>6</u>
time <u>1045</u>					time <u>1140</u>				
purge stop time	DO <u>2.70</u>	ORP <u>-10.5</u>			purge stop time	DO <u>2</u>	ORP <u>-9.0</u>		

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 typically 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 according 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, nonconformants, 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, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

August 02, 2017

Scott Bittinger
Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
TEL: (530) 676-6001
FAX (530) 676-6005

RE: 2090-1970-01/Grimit Auto Repair & Service

Dear Scott Bittinger:

Order No.: STR1707218

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

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

Roger Scholl
Laboratory Director
255 Glendale Ave, #21
Sparks, Nevada 89431



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental

Collection Date: 7/26/2017 11:40:00 AM

Project: 2090-1970-01/Grimit Auto Repair & Service

Lab ID: 1707218-01

Matrix: AQUEOUS

Client Sample ID MW-1

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	200,000	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
Oil & Grease, SGT-HEM	150,000	5000		µg/L	8/1/2017	Oil & Grease w/SG by EPA 1664
TPH-P (GRO)	7,100	300		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	12		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	12		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	30		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	12		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	3.4	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	140	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	96	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	12		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	260	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	370	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	56	1.5		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	3.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

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Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental **Collection Date:** 7/26/2017 11:40:00 AM
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-01 **Matrix:** AQUEOUS
Client Sample ID MW-1

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	7/28/2017	VOCs by EPA 8260B

NOTES:

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



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Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental

Collection Date: 7/26/2017 9:53:00 AM

Project: 2090-1970-01/Grimit Auto Repair & Service

Lab ID: 1707218-02

Matrix: AQUEOUS

Client Sample ID MW-2

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	ND	50		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	1.8	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	1.8	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	5.4	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



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Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental

Collection Date: 7/26/2017 11:30:00 AM

Project: 2090-1970-01/Grimit Auto Repair & Service

Lab ID: 1707218-03

Matrix: AQUEOUS

Client Sample ID MW-3

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	ND	50		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-04
Client Sample ID MW-4

Collection Date: 7/26/2017 10:08:00 AM

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	11,000	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
Oil & Grease, SGT-HEM	8,800	5000		µg/L	8/1/2017	Oil & Grease w/SG by EPA 1664
TPH-P (GRO)	920	100		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	4.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	46	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	4.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	17	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	4.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	17	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	1.2	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	23	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	86	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	2.1	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	2.5	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	0.72	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	1.6	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	8.6	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	7.8	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	24	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	107	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental **Collection Date:** 7/26/2017 10:08:00 AM
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-04 **Matrix:** AQUEOUS
Client Sample ID MW-4

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	7/28/2017	VOCs by EPA 8260B

NOTES:

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



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Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental

Collection Date: 7/26/2017 10:00:00 AM

Project: 2090-1970-01/Grimit Auto Repair & Service

Lab ID: 1707218-05

Matrix: AQUEOUS

Client Sample ID MW-5

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	4,100	200		µg/L	7/31/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	7/31/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	7/31/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	7/31/2017	TPH-P by EPA 8015C
Chloromethane	ND	8.0		µg/L	7/31/2017	VOCs by EPA 8260B
Vinyl chloride	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Chloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Bromomethane	ND	8.0		µg/L	7/31/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	7/31/2017	VOCs by EPA 8260B
Dichloromethane	ND	8.0		µg/L	7/31/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Chloroform	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Benzene	14	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Trichloroethene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Toluene	5.1	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	7/31/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Chlorobenzene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Ethylbenzene	170	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
m,p-Xylene	63	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
Bromoform	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
o-Xylene	3.0	1.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	2.0		µg/L	7/31/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	7/31/2017	VOCs by EPA 8260B
Surr: Toluene-d8	108	70-130		%Rec	7/31/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	7/31/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental **Collection Date:** 7/26/2017 10:00:00 AM
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-05 **Matrix:** AQUEOUS
Client Sample ID MW-5

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
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NOTES:

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



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Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-06
Client Sample ID MW-6

Collection Date: 7/26/2017 10:55:00 AM

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	ND	50		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	108	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental

Collection Date: 7/26/2017 9:45:00 AM

Project: 2090-1970-01/Grimit Auto Repair & Service

Lab ID: 1707218-07

Matrix: AQUEOUS

Client Sample ID MW-8

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	ND	50		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	109	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	109	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1707218

Report Date: 8/2/2017

CLIENT: Stratus Environmental **Collection Date:** 7/26/2017 10:45:00 AM
Project: 2090-1970-01/Grimit Auto Repair & Service
Lab ID: 1707218-08 **Matrix:** AQUEOUS
Client Sample ID MW-9

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	ND	5000		µg/L	8/1/2017	Oil & Grease by EPA 1664
TPH-P (GRO)	95	50		µg/L	7/28/2017	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	7/28/2017	TPH-P by EPA 8015C
Chloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Vinyl chloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromomethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichlorofluoromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	7/28/2017	VOCs by EPA 8260B
Dichloromethane	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chloroform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Carbon tetrachloride	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Benzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichloropropane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Trichloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Bromodichloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Toluene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Dibromochloromethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	7/28/2017	VOCs by EPA 8260B
Tetrachloroethene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Chlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Ethylbenzene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
m,p-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
Bromoform	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
o-Xylene	ND	0.50		µg/L	7/28/2017	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	1.0		µg/L	7/28/2017	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: Toluene-d8	107	70-130		%Rec	7/28/2017	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	7/28/2017	VOCs by EPA 8260B



Alpha Analytical, Inc
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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: O&G_HEM_W

Sample ID	MBLK	SampType:	MBLK	TestCode:	O&G_HEM_	Units:	µg/L				
Client ID:	PBW	Batch ID:	W0801OG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1346	SeqNo:	33097						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM	ND	5000									

Sample ID	LCSD	SampType:	LCSD	TestCode:	O&G_HEM_	Units:	µg/L				
Client ID:	LCSS02	Batch ID:	W0801OG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1346	SeqNo:	33099						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM	38800	5000	40000	0	97.0	77.51	114.49	37.6	3.1	18	

Sample ID	LCS	SampType:	LCS	TestCode:	O&G_HEM_	Units:	µg/L				
Client ID:	LCSW	Batch ID:	W0801OG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1346	SeqNo:	33098						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM	37600	5000	40000	0	94.0	77.51	114.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: O&G_SGT_W

Sample ID	MBLK	SampType:	MBLK	TestCode:	O&G_SGT_W	Units:	µg/L				
Client ID:	PBW	Batch ID:	W0801SG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1347	SeqNo:	33111						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, SGT-HEM	ND	5000									

Sample ID	LCSD	SampType:	LCSD	TestCode:	O&G_SGT_W	Units:	µg/L				
Client ID:	LCSS02	Batch ID:	W0801SG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1347	SeqNo:	33113						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, SGT-HEM	16000	5000	20000	0	80.0	63.51	132.49	16.2	1.2	34	

Sample ID	LCS	SampType:	LCS	TestCode:	O&G_SGT_W	Units:	µg/L				
Client ID:	LCSS02	Batch ID:	W0801SG	TestNo:	E1664A						
Prep Date:	8/1/2017	RunNo:	1347	SeqNo:	33112						
Analysis Date:	8/1/2017										
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, SGT-HEM	16200	5000	20000	0	81.0	63.51	132.49				

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QC SUMMARY REPORT

WO#: 1707218
 02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: TPH/P_W

Sample ID MB-1805	SampType: MBLK	TestCode: TPH/P_W	Units: µg/L
Client ID: PBW	Batch ID: A1805B	TestNo: SW8015	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32470	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	ND	50									
Surr: 1,2-Dichloroethane-d4	0.0096		10		95.8	69.51	130.49				
Surr: Toluene-d8	0.011		10		107	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.012		10		115	69.51	130.49				

Sample ID GLCS-1805	SampType: GLCS	TestCode: TPH/P_W	Units: µg/L
Client ID: BatchQC	Batch ID: A1805B	TestNo: SW8015	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32469	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	434	50	400	0	108	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	9.56		10		95.6	69.51	130.49				
Surr: Toluene-d8	11.1		10		111	69.51	130.49				
Surr: 4-Bromofluorobenzene	11.2		10		112	69.51	130.49				

Sample ID 1707218-02AGSD	SampType: GSD	TestCode: TPH/P_W	Units: µg/L
Client ID: MW-2	Batch ID: A1805B	TestNo: SW8015	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32489	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1980	250	2000	0	99.2	53.51	143.49	2.24	12	23	
Surr: 1,2-Dichloroethane-d4	45.9		50		91.8	69.51	130.49	0.048		0	
Surr: Toluene-d8	55.6		50		111	69.51	130.49	0.0548		0	
Surr: 4-Bromofluorobenzene	59.9		50		120	69.51	130.49	0.0572		0	

Sample ID 1707218-02AGS	SampType: GS	TestCode: TPH/P_W	Units: µg/L
Client ID: MW-2	Batch ID: A1805B	TestNo: SW8015	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32488	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2240	250	2000	0	112	53.51	143.49				
Surr: 1,2-Dichloroethane-d4	48		50		96.1	69.51	130.49				
Surr: Toluene-d8	54.8		50		110	69.51	130.49				
Surr: 4-Bromofluorobenzene	57.2		50		114	69.51	130.49				

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 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: TPH/P_W

Sample ID 1707218-02AGS	SampType: GS	TestCode: TPH/P_W	Units: µg/L								
Client ID: MW-2	Batch ID: A1805B	TestNo: SW8015									
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32488									
Analysis Date: 7/28/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID MB-1814	SampType: MBLK	TestCode: TPH/P_W	Units: µg/L								
Client ID: PBW	Batch ID: A1814B	TestNo: SW8015									
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32543									
Analysis Date: 7/31/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	ND	50									
Surr: 1,2-Dichloroethane-d4	0.0098		10		98.2	69.51	130.49				
Surr: Toluene-d8	0.011		10		107	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.011		10		115	69.51	130.49				

Sample ID GLCSD-1814	SampType: GLCSD	TestCode: TPH/P_W	Units: µg/L								
Client ID: BatchQC	Batch ID: A1814B	TestNo: SW8015									
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32548									
Analysis Date: 7/31/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	450	50	400	0	112	69.51	130.49	0.434	3.6	23	
Surr: 1,2-Dichloroethane-d4	10.2		10		102	69.51	130.49	0.0102		0	
Surr: Toluene-d8	10.6		10		106	69.51	130.49	0.0107		0	
Surr: 4-Bromofluorobenzene	11.1		10		111	69.51	130.49	0.0112		0	

Sample ID GLCS-1814	SampType: GLCS	TestCode: TPH/P_W	Units: µg/L								
Client ID: BatchQC	Batch ID: A1814B	TestNo: SW8015									
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32542									
Analysis Date: 7/31/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	434	50	400	0	108	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	10.2		10		102	69.51	130.49				
Surr: Toluene-d8	10.7		10		107	69.51	130.49				
Surr: 4-Bromofluorobenzene	11.2		10		112	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID MB-1805	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32452	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	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	0.25									
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	0.25									
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	0.25									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.25									
m,p-Xylene	ND	0.25									
Bromoform	ND	1									
o-Xylene	ND	0.25									
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	9.6		10		95.8	69.51	130.49				
Surr: Toluene-d8	11		10		107	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID MB-1805	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32452	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	12		10		115	69.51	130.49				

Sample ID LCS-1805	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32451	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8.3	2	10	0	83.0	39.51	145.49				
Vinyl chloride	8.01	1	10	0	80.1	69.51	130.49				
Chloroethane	14.6	1	10	0	146	37.51	156.49				
Bromomethane	2.12	2	10	0	21.2	13.51	162.49				
Trichlorofluoromethane	9.2	1	10	0	92.0	45.51	154.49				
1,1-Dichloroethene	8.42	1	10	0	84.2	69.51	130.49				
Tertiary Butyl Alcohol (TBA)	97.5	10	100	0	97.5	47.51	148.49				
Dichloromethane	9.1	2	10	0	91.0	68.51	130.49				
trans-1,2-Dichloroethene	9.5	1	10	0	95.0	69.51	130.49				
Methyl tert-butyl ether (MTBE)	8.8	0.25	10	0	88.0	62.51	137.49				
1,1-Dichloroethane	9.44	1	10	0	94.4	69.51	130.49				
Di-isopropyl Ether (DIPE)	9.22	1	10	0	92.2	68.51	133.49				
cis-1,2-Dichloroethene	8.97	1	10	0	89.7	69.51	130.49				
Chloroform	8.57	1	10	0	85.7	69.51	130.49				
Ethyl Tertiary Butyl Ether (ETBE)	9.43	1	10	0	94.3	65.51	135.49				
1,2-Dichloroethane	9.31	1	10	0	93.1	69.51	133.49				
1,1,1-Trichloroethane	9.69	1	10	0	96.9	69.51	135.49				
Carbon tetrachloride	8.84	1	10	0	88.4	62.51	143.49				
Benzene	9.71	0.25	10	0	97.1	69.51	130.49				
Tertiary Amyl Methyl Ether (TAME)	9.7	1	10	0	97.0	69.51	133.49				
1,2-Dichloropropane	9.57	1	10	0	95.7	69.51	130.49				
Trichloroethene	8.8	1	10	0	88.0	67.51	138.49				
Bromodichloromethane	8.77	1	10	0	87.7	57.51	147.49				
cis-1,3-Dichloropropene	9.36	1	10	0	93.6	69.51	130.49				
trans-1,3-Dichloropropene	11.2	1	10	0	112	69.51	131.49				
1,1,2-Trichloroethane	11	1	10	0	110	69.51	130.49				
Toluene	9.64	0.25	10	0	96.4	69.51	130.49				
Dibromochloromethane	10.8	1	10	0	108	48.51	147.49				
1,2-Dibromoethane (EDB)	23	2	20	0	115	69.51	131.49				
Tetrachloroethene	8.02	1	10	0	80.2	69.51	130.49				
Chlorobenzene	10.4	1	10	0	104	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID	LCS-1805	SampType:	LCS	TestCode:	VOC_W	Units:	µg/L
Client ID:	LCSW	Batch ID:	A1805	TestNo:	SW8260B		
Prep Date:	7/28/2017	RunNo:	1318	SeqNo:	32451		
Analysis Date:	7/28/2017						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	11.1	0.25	10	0	111	69.51	130.49				
m,p-Xylene	10.7	0.25	10	0	107	64.51	139.49				
Bromoform	9.42	1	10	0	94.2	59.51	144.49				
o-Xylene	9.47	0.25	10	0	94.7	69.51	130.49				
1,1,2,2-Tetrachloroethane	11.8	1	10	0	118	69.51	130.49				
1,3-Dichlorobenzene	11.3	1	10	0	113	69.51	130.49				
1,4-Dichlorobenzene	11.3	1	10	0	113	69.51	130.49				
1,2-Dichlorobenzene	10.8	1	10	0	108	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	9.35		10		93.5	69.51	130.49				
Surr: Toluene-d8	10.8		10		108	69.51	130.49				
Surr: 4-Bromofluorobenzene	11		10		110	69.51	130.49				

Sample ID	1707218-02AMSD	SampType:	MSD	TestCode:	VOC_W	Units:	µg/L
Client ID:	MW-2MSD	Batch ID:	A1805	TestNo:	SW8260B		
Prep Date:	7/28/2017	RunNo:	1318	SeqNo:	32468		
Analysis Date:	7/28/2017						

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	43.4	10	50	0	86.8	25.51	146.49	48.4	11	30	
Vinyl chloride	42.7	5	50	0	85.4	45.51	142.49	47.9	11	30	
Chloroethane	76.1	5	50	0	152	24.51	164.49	88.7	15	30	
Bromomethane	30	10	50	0	60.0	9.51	172.49	22.3	30	30	
Trichlorofluoromethane	41.6	5	50	0	83.2	31.51	164.49	49.8	18	30	
1,1-Dichloroethene	40.7	5	50	0	81.3	61.51	133.49	47	14	30	
Tertiary Butyl Alcohol (TBA)	588	50	500	0	118	43.51	155.49	650	10	30	
Dichloromethane	48.7	10	50	0	97.3	68.51	130.49	53.9	10	30	
trans-1,2-Dichloroethene	47.1	5	50	0	94.3	66.51	131.49	53.8	13	30	
Methyl tert-butyl ether (MTBE)	49.8	1.25	50	0	99.7	55.51	140.49	54.6	9.1	30	
1,1-Dichloroethane	49.9	5	50	0	99.8	66.51	130.49	55.5	11	30	
Di-isopropyl Ether (DIPE)	50.4	5	50	0	101	58.51	138.49	56.2	11	30	
cis-1,2-Dichloroethene	48.5	5	50	0	93.5	69.51	130.49	54.3	11	30	
Chloroform	46.5	5	50	0	93.0	68.51	130.49	51.4	9.9	30	
Ethyl Tertiary Butyl Ether (ETBE)	52.3	5	50	0	105	61.51	135.49	58	10	30	
1,2-Dichloroethane	52.8	5	50	0	102	63.51	139.49	58.7	10	30	
1,1,1-Trichloroethane	49.9	5	50	0	99.7	64.51	139.49	56.2	12	30	
Carbon tetrachloride	44.1	5	50	0	88.1	55.51	146.49	50	13	30	
Benzene	50.4	1.25	50	0	101	66.51	134.49	56.5	11	30	
Tertiary Amyl Methyl Ether (TAME)	53.3	5	50	0	107	63.51	135.49	59.5	11	30	
1,2-Dichloropropane	51.5	5	50	0	103	68.51	134.49	57.5	11	30	

Qualifiers: ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limit



Client: Stratus Environmental
Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID: 1707218-02AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: MW-2MSD	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32468	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	47.5	5	50	5.41	84.1	67.51	138.49	53.7	12	30	
Bromodichloromethane	48	5	50	0	95.9	57.51	147.49	53.3	10	30	
cis-1,3-Dichloropropene	46.7	5	50	0	93.3	60.51	130.49	52.4	12	30	
trans-1,3-Dichloropropene	58.2	5	50	0	116	61.51	131.49	63.6	8.9	30	
1,1,2-Trichloroethane	58.8	5	50	0	118	69.51	131.49	65.3	10	30	
Toluene	48.4	1.25	50	0	96.8	37.51	130.49	55.4	13	30	
Dibromochloromethane	57.9	5	50	0	116	48.51	147.49	63.7	9.5	30	
1,2-Dibromoethane (EDB)	123	10	100	0	123	69.51	131.49	137	10	30	
Tetrachloroethene	34.2	5	50	0	68.5	62.51	134.49	41.3	19	30	
Chlorobenzene	51.6	5	50	0	103	69.51	130.49	58.1	12	30	
Ethylbenzene	53.2	1.25	50	0	106	69.51	130.49	61.3	14	30	
m,p-Xylene	50.2	1.25	50	0	100	64.51	139.49	58.3	15	30	
Bromoform	50.7	5	50	0	101	59.51	144.49	55.5	9.1	30	
o-Xylene	46.1	1.25	50	0	92.3	68.51	130.49	52.3	13	30	
1,1,2,2-Tetrachloroethane	63.4	5	50	0	127	66.51	134.49	70.5	11	30	
1,3-Dichlorobenzene	49.8	5	50	0	99.7	69.51	130.49	59.2	17	30	
1,4-Dichlorobenzene	49.9	5	50	0	99.8	69.51	130.49	58.9	17	30	
1,2-Dichlorobenzene	51	5	50	0	102	69.51	130.49	58.9	14	30	
Surr: 1,2-Dichloroethane-d4	49.3		50		98.5	69.51	130.49	50.1		0	
Surr: Toluene-d8	52.5		50		105	69.51	130.49	52.6		0	
Surr: 4-Bromofluorobenzene	53.9		50		108	69.51	130.49	54.4		0	

Sample ID: 1707218-02AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: MW-2MS	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32467	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	48.4	10	50	0	96.9	25.51	146.49				
Vinyl chloride	47.9	5	50	0	95.7	45.51	142.49				
Chloroethane	88.7	5	50	0	177	24.51	164.49				S
Bromomethane	22.3	10	50	0	44.5	9.51	172.49				
Trichlorofluoromethane	49.8	5	50	0	99.5	31.51	164.49				
1,1-Dichloroethene	47	5	50	0	93.9	61.51	133.49				
Tertiary Butyl Alcohol (TBA)	650	50	500	0	130	43.51	155.49				
Dichloromethane	53.9	10	50	0	108	68.51	130.49				
trans-1,2-Dichloroethene	53.8	5	50	0	108	66.51	131.49				
Methyl tert-butyl ether (MTBE)	54.6	1.25	50	0	109	55.51	140.49				
1,1-Dichloroethane	55.5	5	50	0	111	66.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID: 1707218-02AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: MW-2MS	Batch ID: A1805	TestNo: SW8260B	
Prep Date: 7/28/2017	RunNo: 1318	SeqNo: 32467	
Analysis Date: 7/28/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-isopropyl Ether (DIPE)	56.2	5	50	0	112	58.51	138.49				
cis-1,2-Dichloroethene	54.3	5	50	0	105	69.51	130.49				
Chloroform	51.4	5	50	0	103	68.51	130.49				
Ethyl Tertiary Butyl Ether (ETBE)	58	5	50	0	116	61.51	135.49				
1,2-Dichloroethane	58.7	5	50	0	114	63.51	139.49				
1,1,1-Trichloroethane	56.2	5	50	0	112	64.51	139.49				
Carbon tetrachloride	50	5	50	0	100	55.51	146.49				
Benzene	56.5	1.25	50	0	113	66.51	134.49				
Tertiary Amyl Methyl Ether (TAME)	59.5	5	50	0	119	63.51	135.49				
1,2-Dichloropropane	57.5	5	50	0	115	68.51	134.49				
Trichloroethene	53.7	5	50	5.41	96.5	67.51	138.49				
Bromodichloromethane	53.3	5	50	0	107	57.51	147.49				
cis-1,3-Dichloropropene	52.4	5	50	0	105	60.51	130.49				
trans-1,3-Dichloropropene	63.6	5	50	0	127	61.51	131.49				
1,1,2-Trichloroethane	65.3	5	50	0	131	69.51	131.49				
Toluene	55.4	1.25	50	0	111	37.51	130.49				
Dibromochloromethane	63.7	5	50	0	127	48.51	147.49				
1,2-Dibromoethane (EDB)	137	10	100	0	137	69.51	131.49				S
Tetrachloroethene	41.3	5	50	0	82.6	62.51	134.49				
Chlorobenzene	58.1	5	50	0	116	69.51	130.49				
Ethylbenzene	61.3	1.25	50	0	123	69.51	130.49				
m,p-Xylene	58.3	1.25	50	0	117	64.51	139.49				
Bromoform	55.5	5	50	0	111	59.51	144.49				
o-Xylene	52.3	1.25	50	0	105	68.51	130.49				
1,1,2,2-Tetrachloroethane	70.5	5	50	0	141	66.51	134.49				S
1,3-Dichlorobenzene	59.2	5	50	0	118	69.51	130.49				
1,4-Dichlorobenzene	58.9	5	50	0	118	69.51	130.49				
1,2-Dichlorobenzene	58.9	5	50	0	118	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	50.1		50		100	69.51	130.49				
Surr: Toluene-d8	52.6		50		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	54.4		50		109	69.51	130.49				

Sample ID: MB-1814	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32537	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	2									

Qualifiers: ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID MB-1814	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32537	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.25									
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	0.25									
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	0.25									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.25									
m,p-Xylene	ND	0.25									
Bromoform	ND	1									
o-Xylene	ND	0.25									
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	9.8		10		98.2	69.51	130.49				
Surr: Toluene-d8	11		10		107	69.51	130.49				
Surr: 4-Bromofluorobenzene	11		10		115	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID MB-1814	SampType: MBLK	TestCode: VOC_W	Units: µg/L								
Client ID: PBW	Batch ID: A1814	TestNo: SW8260B									
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32537									
Analysis Date: 7/31/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID LCS-1814	SampType: LCS	TestCode: VOC_W	Units: µg/L								
Client ID: LCSW	Batch ID: A1814	TestNo: SW8260B									
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32536									
Analysis Date: 7/31/2017											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloromethane	8.48	2	10	0	84.8	39.51	145.49				
Vinyl chloride	8.37	1	10	0	83.7	69.51	130.49				
Chloroethane	15.8	1	10	0	158	37.51	156.49				S
Bromomethane	5.55	2	10	0	55.5	13.51	162.49				
Trichlorofluoromethane	9.53	1	10	0	95.3	45.51	154.49				
1,1-Dichloroethene	8.42	1	10	0	84.2	69.51	130.49				
Tertiary Butyl Alcohol (TBA)	107	10	100	0	107	47.51	148.49				
Dichloromethane	9.18	2	10	0	91.8	68.51	130.49				
trans-1,2-Dichloroethene	9.39	1	10	0	93.9	69.51	130.49				
Methyl tert-butyl ether (MTBE)	9.44	0.25	10	0	94.4	62.51	137.49				
1,1-Dichloroethane	9.46	1	10	0	94.6	69.51	130.49				
Di-isopropyl Ether (DIPE)	9.42	1	10	0	94.2	68.51	133.49				
cis-1,2-Dichloroethene	8.83	1	10	0	88.3	69.51	130.49				
Chloroform	8.66	1	10	0	86.6	69.51	130.49				
Ethyl Tertiary Butyl Ether (ETBE)	9.84	1	10	0	98.4	65.51	135.49				
1,2-Dichloroethane	9.99	1	10	0	99.9	69.51	133.49				
1,1,1-Trichloroethane	9.7	1	10	0	97.0	69.51	135.49				
Carbon tetrachloride	9.17	1	10	0	91.7	62.51	143.49				
Benzene	9.56	0.25	10	0	95.6	69.51	130.49				
Tertiary Amyl Methyl Ether (TAME)	10.2	1	10	0	102	69.51	133.49				
1,2-Dichloropropane	9.85	1	10	0	98.5	69.51	130.49				
Trichloroethene	8.51	1	10	0	85.1	67.51	138.49				
Bromodichloromethane	9.52	1	10	0	95.2	57.51	147.49				
cis-1,3-Dichloropropene	9.78	1	10	0	97.8	69.51	130.49				
trans-1,3-Dichloropropene	11.5	1	10	0	115	69.51	131.49				
1,1,2-Trichloroethane	10.9	1	10	0	109	69.51	130.49				
Toluene	9.53	0.25	10	0	95.3	69.51	130.49				
Dibromochloromethane	11.4	1	10	0	114	48.51	147.49				
1,2-Dibromoethane (EDB)	23.1	2	20	0	115	69.51	131.49				
Tetrachloroethene	7.8	1	10	0	78.0	69.51	130.49				
Chlorobenzene	9.96	1	10	0	99.6	69.51	130.49				
Ethylbenzene	10.6	0.25	10	0	106	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental
Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID: LCS-1814	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32536	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	10.2	0.25	10	0	102	64.51	139.49				
Bromoform	10.5	1	10	0	105	59.51	144.49				
o-Xylene	9.03	0.25	10	0	90.3	69.51	130.49				
1,1,2,2-Tetrachloroethane	11.9	1	10	0	119	69.51	130.49				
1,3-Dichlorobenzene	10.9	1	10	0	110	69.51	130.49				
1,4-Dichlorobenzene	10.8	1	10	0	108	69.51	130.49				
1,2-Dichlorobenzene	10.5	1	10	0	105	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	10.4		10		104	69.51	130.49				
Surr: Toluene-d8	10.4		10		104	69.51	130.49				
Surr: 4-Bromofluorobenzene	10.8		10		108	69.51	130.49				

Sample ID: 1707246-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32541	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	49.7	10	50	0	99.5	25.51	146.49	45.4	9.1	30	
Vinyl chloride	44.4	5	50	0	88.7	45.51	142.49	41.9	5.8	30	
Chloroethane	77.8	5	50	0	156	24.51	164.49	75.5	3	30	
Bromomethane	37.2	10	50	0	74.3	9.51	172.49	24.9	40	30	R
Trichlorofluoromethane	45.8	5	50	0	91.7	31.51	164.49	45.8		30	
1,1-Dichloroethene	42.1	5	50	0	84.3	61.51	133.49	40.1	4.9	30	
Tertiary Butyl Alcohol (TBA)	560	50	500	0	112	43.51	155.49	533	5	30	
Dichloromethane	47.9	10	50	0	95.7	68.51	130.49	45.7	4.6	30	
trans-1,2-Dichloroethene	47.1	5	50	0	94.2	66.51	131.49	44.2	6.4	30	
Methyl tert-butyl ether (MTBE)	48.2	1.25	50	0	96.4	55.51	140.49	47.1	2.2	30	
1,1-Dichloroethane	48.7	5	50	0	97.3	66.51	130.49	47.5	2.4	30	
Di-isopropyl Ether (DIPE)	49.6	5	50	0	99.2	58.51	138.49	48.2	2.9	30	
cis-1,2-Dichloroethene	45.7	5	50	0	91.4	69.51	130.49	44	3.7	30	
Chloroform	45.2	5	50	0	90.4	68.51	130.49	43.2	4.5	30	
Ethyl Tertiary Butyl Ether (ETBE)	50.9	5	50	0	102	61.51	135.49	49.3	3.3	30	
1,2-Dichloroethane	52.1	5	50	0	104	63.51	139.49	50.5	3.2	30	
1,1,1-Trichloroethane	49.8	5	50	0	99.5	64.51	139.49	48.4	2.8	30	
Carbon tetrachloride	44.6	5	50	0	89.3	55.51	146.49	43.1	3.5	30	
Benzene	52.3	1.25	50	2.51	99.6	66.51	134.49	50.2	4.2	30	
Tertiary Amyl Methyl Ether (TAME)	51.4	5	50	0	103	63.51	135.49	50	2.7	30	
1,2-Dichloropropane	50.7	5	50	0	101	68.51	134.49	49.1	3.2	30	
Trichloroethene	42.7	5	50	0	85.4	67.51	138.49	40.4	5.6	30	

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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Sparks, Nevada 89431

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Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1707218

02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID: 1707246-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32541	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	47.4	5	50	0	94.8	57.51	147.49	45.5	4	30	
cis-1,3-Dichloropropene	47.6	5	50	0	92.8	60.51	130.49	45.2	5	30	
trans-1,3-Dichloropropene	54.7	5	50	0	109	61.51	131.49	51.9	5.2	30	
1,1,2-Trichloroethane	54.8	5	50	0	110	69.51	131.49	53	3.4	30	
Toluene	60.4	1.25	50	10.5	99.9	37.51	130.49	57.8	4.4	30	
Dibromochloromethane	53.9	5	50	0	108	48.51	147.49	52.5	2.5	30	
1,2-Dibromoethane (EDB)	116	10	100	0	116	69.51	131.49	110	4.8	30	
Tetrachloroethene	36.9	5	50	0	73.8	62.51	134.49	34.6	6.3	30	
Chlorobenzene	49.7	5	50	0	99.4	69.51	130.49	46.9	5.9	30	
Ethylbenzene	53.6	1.25	50	1.36	105	69.51	130.49	50.7	5.7	30	
m,p-Xylene	55.8	1.25	50	4.71	102	64.51	139.49	52	7	30	
Bromoform	46.8	5	50	0	93.6	59.51	144.49	46.1	1.5	30	
o-Xylene	47.8	1.25	50	2.86	90.0	68.51	130.49	44.6	7	30	
1,1,2,2-Tetrachloroethane	58.3	5	50	0	117	66.51	134.49	57.6	1.1	30	
1,3-Dichlorobenzene	52.4	5	50	0	105	69.51	130.49	48.6	7.5	30	
1,4-Dichlorobenzene	51.9	5	50	0	104	69.51	130.49	48.7	6.3	30	
1,2-Dichlorobenzene	52	5	50	0	104	69.51	130.49	49.2	5.6	30	
Surr: 1,2-Dichloroethane-d4	51.1		50		102	69.51	130.49	51.1		0	
Surr: Toluene-d8	52.2		50		104	69.51	130.49	51.6		0	
Surr: 4-Bromofluorobenzene	54.1		50		108	69.51	130.49	53.3		0	

Sample ID: 1707246-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32540	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	45.4	10	50	0	90.8	25.51	146.49				
Vinyl chloride	41.9	5	50	0	83.7	45.51	142.49				
Chloroethane	75.5	5	50	0	151	24.51	164.49				
Bromomethane	24.9	10	50	0	49.8	9.51	172.49				
Trichlorofluoromethane	45.8	5	50	0	91.7	31.51	164.49				
1,1-Dichloroethene	40.1	5	50	0	80.2	61.51	133.49				
Tertiary Butyl Alcohol (TBA)	533	50	500	0	107	43.51	155.49				
Dichloromethane	45.7	10	50	0	91.4	68.51	130.49				
trans-1,2-Dichloroethene	44.2	5	50	0	88.4	66.51	131.49				
Methyl tert-butyl ether (MTBE)	47.1	1.25	50	0	94.3	55.51	140.49				
1,1-Dichloroethane	47.5	5	50	0	95.0	66.51	130.49				
Di-isopropyl Ether (DIPE)	48.2	5	50	0	96.4	58.51	138.49				

Qualifiers: ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1707218
 02-Aug-17

Client: Stratus Environmental

Project: 2090-1970-01/Grimit Auto Repair & Service

TestCode: VOC_W

Sample ID: 1707246-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A1814	TestNo: SW8260B	
Prep Date: 7/31/2017	RunNo: 1323	SeqNo: 32540	
Analysis Date: 7/31/2017			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	44	5	50	0	88.0	69.51	130.49				
Chloroform	43.2	5	50	0	86.4	68.51	130.49				
Ethyl Tertiary Butyl Ether (ETBE)	49.3	5	50	0	98.5	61.51	135.49				
1,2-Dichloroethane	50.5	5	50	0	101	63.51	139.49				
1,1,1-Trichloroethane	48.4	5	50	0	96.8	64.51	139.49				
Carbon tetrachloride	43.1	5	50	0	86.2	55.51	146.49				
Benzene	50.2	1.25	50	2.51	95.3	66.51	134.49				
Tertiary Amyl Methyl Ether (TAME)	50	5	50	0	100	63.51	135.49				
1,2-Dichloropropane	49.1	5	50	0	98.3	68.51	134.49				
Trichloroethene	40.4	5	50	0	80.8	67.51	138.49				
Bromodichloromethane	45.5	5	50	0	91.1	57.51	147.49				
cis-1,3-Dichloropropene	45.2	5	50	0	88.1	60.51	130.49				
trans-1,3-Dichloropropene	51.9	5	50	0	104	61.51	131.49				
1,1,2-Trichloroethane	53	5	50	0	106	69.51	131.49				
Toluene	57.8	1.25	50	10.5	94.7	37.51	130.49				
Dibromochloromethane	52.5	5	50	0	105	48.51	147.49				
1,2-Dibromoethane (EDB)	110	10	100	0	110	69.51	131.49				
Tetrachloroethene	34.6	5	50	0	69.3	62.51	134.49				
Chlorobenzene	46.9	5	50	0	93.7	69.51	130.49				
Ethylbenzene	50.7	1.25	50	1.36	98.6	69.51	130.49				
m,p-Xylene	52	1.25	50	4.71	94.5	64.51	139.49				
Bromoform	46.1	5	50	0	92.2	59.51	144.49				
o-Xylene	44.6	1.25	50	2.86	83.5	68.51	130.49				
1,1,2,2-Tetrachloroethane	57.6	5	50	0	115	66.51	134.49				
1,3-Dichlorobenzene	48.6	5	50	0	97.2	69.51	130.49				
1,4-Dichlorobenzene	48.7	5	50	0	97.5	69.51	130.49				
1,2-Dichlorobenzene	49.2	5	50	0	98.3	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	51.1		50		102	69.51	130.49				
Surr: Toluene-d8	51.6		50		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	53.3		50		107	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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Definition Only

WO#: 1707218

Date:

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

M = Manual Integration used to determine area response.

O = Reporting Limits were increased due to sample foaming.

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

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.



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Website: www.alpha-analytical.com

Definition Only

WO#: 1707218

Date:

Definitions:

Report CC's Allan Dudding
 Cory Gutierrez
 Gowri Kowtha
 Jennifer Delgado
 Robert Kull
 Scott Bittinger
 Trevor Hartwell

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406

Report Attention: Scott Bittinger

CA

WorkOrder: STR1707218
 Report Due By: 03-Aug-17
 EDD Required: YES

Client:
 Stratus Environmental
 3330 Cameron Park Drive
 Cameron Park, CA 956828861

TEL: 5306766001
 FAX: 5306766005
 ProjectNo: 2090-1970-01/Grimit Auto Repair & Service

Date Received: 27-Jul-17

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests					Sample Remarks		
				Alpha	Sub	TAT	OG_HEM_W	OG_SGT_W	TPH/P_W	VOC_W				
STR1707218-01	MW-1	AQ	7/26/2017 11:40:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-02	MW-2	AQ	7/26/2017 9:53:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-03	MW-3	AQ	7/26/2017 11:30:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-04	MW-4	AQ	7/26/2017 10:08:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-05	MW-5	AQ	7/26/2017 10:00:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-06	MW-6	AQ	7/26/2017 10:55:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-07	MW-8	AQ	7/26/2017 9:45:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				
STR1707218-08	MW-9	AQ	7/26/2017 10:45:00 AM	8	0	5	A - X	A - X	A - GAS-C	A - 8260/OXY/ EDB_Cs				

Comments:

Logged in by:	Signature	Print Name	Company	Date/Time
	<i>K Murray</i>	<i>K Murray</i>	Alpha Analytical, Inc.	7/27/17 1050

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

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Company: Stratus Environmental, Inc.
 Attn: Accounts Payable
 Address: 3330 Cameron Park Drive, Suite 550
 City, State, Zip: Cameron Park, CA 95682
 Phone Number: (530) 676-6004 Fax: (530) 676-6005



Alpha Analytical, Inc.

Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431

Phone: 775-355-1044
 Fax: 775-355-0408

Satellite Service Centers:

Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746
 Northern NV: 1250 Lamoille Hwy., #310 Elko, NV 89801

Phone: 916-366-9089
 Phone: 702-281-4848
 Phone: 714-386-2901
 Phone: 775-388-7043

Consultant/Client info:

Company: Grimit Auto Repair & Service
 Address: 1970 Seminary Avenue
 City, State, Zip: Oakland, CA

Job and Purchase Order Info:

Job # 2090-1970-01
 Job Name Grimit Auto Repair & Service
 P.O. # _____

Report Attention/Project Manager:

Name: Scott Bittinger
 Email Address: SBittinger@stratusinc.net
 Phone #: (530) 676-2062
 Cell #: (916) 601-9756

QC Deliverable Info:

EDD Required? Yes / No _____ EDF Required? (Yes) / No _____
 Global ID: T0600100667
 Data Validation Packages III or IV _____

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

Time Sampled (H:MM)	Date Sampled (M/M/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	# Containers** (See Key Below)	Analysis Requested							Remarks
								GRO	BTEX	5 OXYs	1,2-DCA	EDB	Oil & Grease with Silica Gel Cleanup	Halogenated Volatile Organic Compounds (HVOCs)	
11:40	7/24	AQ	STR1707218-01	MW-1	STD	NO		X	X	X	X	X	X	X	
09:53		AQ	02	MW-2	STD	NO		X	X	X	X	X	X	X	
11:30		AQ	03	MW-3	STD	NO		X	X	X	X	X	X	X	
10:08		AQ	04	MW-4	STD	NO		X	X	X	X	X	X	X	
10:02		AQ	05	MW-5	STD	NO		X	X	X	X	X	X	X	
10:55		AQ	06	MW-6	STD	NO		X	X	X	X	X	X	X	
		AQ		MW-7	STD	NO		X	X	X	X	X	X	X	
09:45	7/24	AQ	07	MW-8	STD	NO		X	X	X	X	X	X	X	
10:45		AQ	08	MW-9	STD	NO		X	X	X	X	X	X	X	

ADDITIONAL INSTRUCTIONS:

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

Sampled By: <u>HC NILE</u>	Date: <u>7/26/17</u>	Time: <u>1448</u>	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>7/26/17</u>	Time: <u>1448</u>
Relinquished by: (Signature/Affiliation): <u>[Signature]</u>	Date: _____	Time: _____	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>7/27/17</u>	Time: <u>1040</u>
Relinquished by: (Signature/Affiliation): <u>[Signature]</u>	Date: _____	Time: _____	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: _____	Time: _____

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

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

APPENDIX D

**GEOTRACKER ELECTRONIC SUBMITTAL
CONFIRMATIONS**

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

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

<u>Submittal Type:</u>	EDF
<u>Report Title:</u>	3rd Quarter 2017 Groundwater Monitoring Analytical Results
<u>Report Type:</u>	Monitoring Report - Semi-Annually
<u>Facility Global ID:</u>	T0600100667
<u>Facility Name:</u>	GRIMIT AUTO REPAIR & SERVICE
<u>File Name:</u>	1707218.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	50.192.223.97
<u>Submittal Date/Time:</u>	10/12/2017 10:53:41 AM
<u>Confirmation Number:</u>	7773811042

[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

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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!**

<u>Submittal Type:</u>	GEO_WELL
<u>Report Title:</u>	3rd Quarter Groundwater Monitoring GEO_WELL
<u>Facility Global ID:</u>	T0600100667
<u>Facility Name:</u>	GRIMIT AUTO REPAIR & SERVICE
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	50.192.223.97
<u>Submittal Date/Time:</u>	9/6/2017 11:19:04 AM
<u>Confirmation Number:</u>	6147798538

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