

**RECEIVED**

By Alameda County Environmental Health 1:34 pm, Jun 04, 2015

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

Re: 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 *Quarterly Groundwater Discharge Report, First Quarter 2015* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000413, for Gritit Auto Repair and Service, 1970 Seminary Boulevard, Oakland, California.

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

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

Sincerely,

A handwritten signature in blue ink that reads "Peggy Garcia, Trustee". The signature is written in a cursive style and is positioned above the typed name.

Ms. Peggy Garcia, Trustee, Gritit Family Trust

cc: Angel LaMarca



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

June 1, 2015  
Project No. 2090-1970-01

East Bay Municipal Utility District  
Environmental Services  
Attn: Ms. Deirdre Mena  
P.O. Box 24055  
Oakland, CA 94623-1055

Re: Modified Quarterly Groundwater Discharge Report, First Quarter 2015  
Former Gritmit Auto Repair and Service  
1970 Seminary Boulevard, Oakland, California

To Ms. Mena:

Stratus Environmental, Inc. (Stratus) has prepared this letter, on behalf of the Gritmit Family Trust, for the Former Gritmit Auto Repair and Service facility, located at 1970 Seminary Boulevard, Oakland, California (Figures 1 and 2). As required by the Special Groundwater Discharge Permit (Permit No. 62203411), this letter acts as a *Quarterly Groundwater Discharge Report* to the East Bay Municipal Utility District (EBMUD) for the pretreatment system maintenance of the groundwater remediation system.

During the first quarter 2015, all extracted groundwater was treated using carbon vessels, and discharged into the sanitary sewer (Figure 3). The total quarterly discharge was approximately 10,390 gallons between December 19, 2014 and March 10, 2015. The average monthly discharge and extraction rates for the first quarter 2015 are as follows:

- December 19, 2014 to January 5, 2015: 3,150 gallons (0.13 gpm)
- January 5 to February 2, 2015: 2,160 gallons (0.05 gpm)
- February 2 to March 10, 2015: 5,080 gallons (0.10 gpm)

The system operated in compliance with permit conditions and all effluent sample results were within the permit limitations. A copy of tables consisting of the systems uptime and operational summary, including the totalizer readings, is included in Appendix A. The analytical results and chain-of-custody documentation for the influent, midfluent, and effluent groundwater samples obtained during the first quarter 2015 are included in Appendix B. During the second quarter 2015, the system is expected to continue to operate, and Stratus will continue to monitor the system a minimum of twice a month.

June 1, 2015

*I certify under penalty of law that this document and any attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

If you have any questions or comments, please call Deborah L. Barr at (530) 313-9974.

Sincerely,

**STRATUS ENVIRONMENTAL, INC.**



Deborah L. Barr, P.E.  
Project Engineer



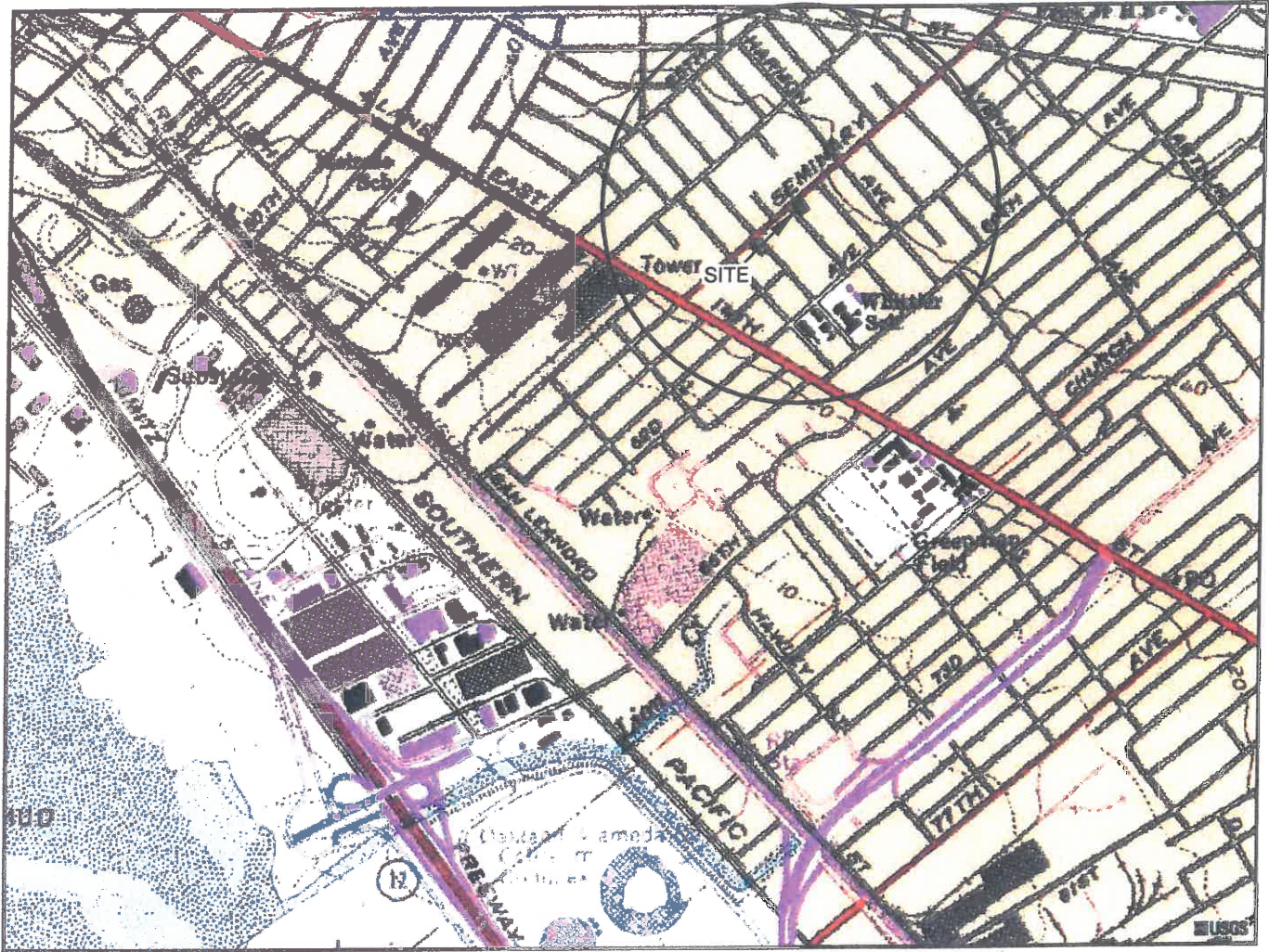
Scott Bittinger, P.G.  
Project Manager

Attachments:

- |            |  |
|------------|--|
| Figure 1   | Site Location Map  |
| Figure 2   | Site Plan  |
| Figure 3   | Process Flow Diagram   |
| Appendix A | DPE Remediation Event Tables                                     |
| Appendix B | Laboratory Analytical Reports and Chain-of-Custody Documentation |

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





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  
 1970 SEMINARY AVENUE  
 OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE

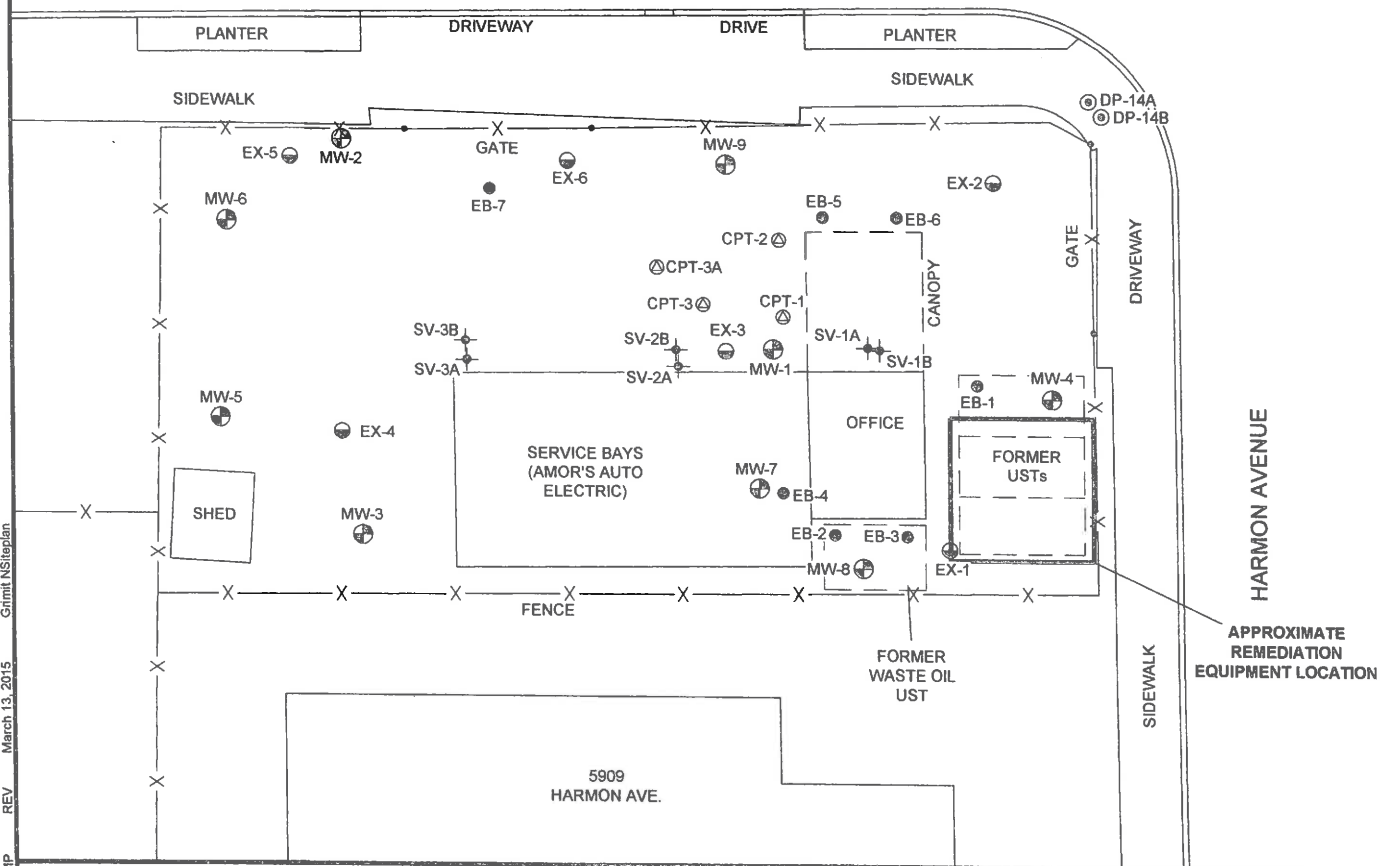
1

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

SEMINARY AVENUE



Grimt Auto  
JMP  
REV  
March 13, 2015  
Grimt NSiteplan

**STRATUS**  
ENVIRONMENTAL, INC.



FORMER GRIMIT AUTO  
1970 SEMINARY AVENUE  
OAKLAND, CALIFORNIA

SITE PLAN

FIGURE

2

PROJECT NO.  
2090-1970-1



**APPENDIX A**

**DPE REMEDIATION EVENT TABLES**

**TABLE 5**  
**DPE REMEDIATION EVENT**  
**OPERATIONAL UPTIME AND FLOW SUMMARY**  
 Gritmit Auto, 1970 Seminary Ave, Oakland, California

Date & Time	Notes	Hour Meter Reading	Applied Vac	Area	Sys Inf Temp	Sys Inf Air Velocity	Sys Inf Air Flowrate	Control Temp	Effluent Air Temp	Area	Dilution Air Temp	Dilution Air Velocity	Dilution Air Flowrate	PID	
														Sys Inf	Eff
														"Hg	ft <sup>2</sup>
11/18/14 8:30	1	15,631.0	--	0.0873	--	--	--	--	--	--	--	--	--	--	--
11/20/14 8:00		15,631.9	15.0	0.0873	78	1,500	130.9	1450	1002	0.0218	65	2504	55	30	3.6
11/20/14 10:00		15,632.1	10.5	0.0873	95	1,500	130.9	1543	1253	0.0218	72	2222	48	410	2.9
11/20/14 11:00		15,632.1	10.0	0.0873	80	1,500	130.9	1554	1285	0.0218	60	2260	49	35	2.3
11/20/14 12:00		15,632.1	10.0	0.0873	80	1,500	130.9	1559	1311	0.0218	67	2186	48	40	2.1
11/21/14 7:00		15,632.1	10.0	0.0873	90	1,500	130.9	1537	1368	0.0218	65	2140	47	20	2.0
11/25/14 10:10	2	15,632.0	10.0	0.0873	90	1,500	130.9	1450	1224	0.0218	--	--	--	58	2.1
12/18/14 7:30	3	0.0	13.5	0.0873	92	1,500	130.9	1484	--	0.0218	64	2503	55	8	1.2
12/19/14 7:00		20.0	13.0	0.0873	90	1,500	130.9	1492	1305	0.0218	61	2910	63	100	1.2
12/29/14 7:15		260.0	7.5	0.0873	82	1,500	130.9	1500	1430	0.0218	--	--	--	10	1.3
1/5/15 8:50		430.0	8.0	0.0873	100	1,500	130.9	1451	1259	0.0218	57	3020	66	10	2.1
1/19/15 8:00		765.0	10.0	0.0873	90	1,400	122.2	1491	1303	0.0218	63	3122	68	5	1.1
2/2/15 8:00		1,101.0	11.0	0.0873	95	1,500	130.9	1452	1268	0.0218	60	3233	71	1.4	0.8
2/16/15 7:15		1,436.0	11.0	0.0873	90	1,350	117.8	1485	1308	0.0218	58	3314	72	2.0	0.8
3/10/15 8:30		1,965.0	11.0	0.0873	90	1,250	109.1	1493	1311	0.0218	63	2971	65	15	2.1
3/23/15 7:50	4	2,276.0	12.0	0.0873	92	1,250	109.1	1504	--	0.0218	64	3418	75	47	1.0
Average			11		89	1,450	126.5	1496	1279		63	2754	60	53	1.8

<b>Legend / Key:</b>	<b>Sample Calculation:</b>
Vac = Vacuum	fpm = feet per minute
"Hg = inches mercury	acfm = actual cubic feet per minute
ft <sup>2</sup> = square feet	ppmv = parts per million by volume
Temp = temperature	PID = Photoionization Detector
°F = Fahrenheit	Sys Inf = System Influent (includes dilution air)
Inf = Influent	Eff = Effluent
-- = not applicable/ not measured	air flow = area of pipe (0.0491 ft <sup>2</sup> ) × air velocity (fpm) = flowrate (acfm)



**TABLE 5**  
**DPE REMEDIATION EVENT**  
**OPERATIONAL UPTIME AND FLOW SUMMARY**  
Grimit Auto, 1970 Seminary Ave, Oakland, California

**Notes:**

Influent pipe diameter = 3.0 inches

- 1 System operating with DPE, extracting from extraction wells EX-1, EX-2, EX-3, and EX-6. Stingers placed within extraction wells at 29-feet in well EX-1 and 27-feet bgs in wells EX-2, EX-3 and EX-6.
- 2 System down upon departure waiting groundwater sample results and approval from EBMUD to discharge to the sanitary sewer.
- 3 System down upon arrival, new hour meter installed, system started for continuous operation upon departure.
- 4 System modified, well MW-1 brought on-line. System extracting from wells EX-1 through EX-3, EX-6 and MW-1 simultaneously.

**TABLE 6**  
**DPE REMEDIATION EVENT**  
**VACUUM ("WC) AND DEPTH TO WATER (feet bgs) SUMMARY**  
 Gruit Auto, 1970 Seminary Ave, Oakland, California

Date & Time	Notes	Induced Vacuum ("WC) &/or Depth to Water (feet bgs)					
		MW-2		MW-8		MW-4	
		"WC	DTW (feet bgs)	"WC	DTW (feet bgs)	"WC	DTW (feet bgs)
12/18/14 7:30	1	0.02*	17.87	0.00	0.98	--	--
12/19/14 7:00		--	--	--	--	--	--
12/29/14 7:15		--	--	--	--	--	--
1/5/15 8:50		16.62	12.76	22.80	3.35	0.04	19.29
1/19/15 8:00		--	--	--	--	20.84	1.88
2/2/15 8:00		--	--	--	--	6.60	21.51
2/16/15 7:15		--	--	--	--	15.40	20.34
3/10/15 8:30		0.40	12.94	32.60	21.55	5.28	4.50
3/23/15 7:50	2	6.75	15.39	47.14	21.69	1.41	4.68
<b>Average</b>		23.79	14.74	25.64	11.89	8.26	12.03
<b>Legend / Key:</b>							
DTW = Depth to water                      bgs = below ground surface							
"WC = Inches of water column    -- = not applicable/ not measured							
* Positive pressure							
<b>Notes:</b>							
1 Stinger depth in EX-1 19 feet bgs, EX-2 18 feet bgs, EX-3 24 feet bgs, EX-6 20 feet bgs.							
2 MW-1 brought on-line; stinger placed approx. 34 feet bgs.							

**TABLE 7**  
**DPE REMEDIATION EVENT**  
**SVE COMPONENT - ANALYTICAL RESULTS AND FLOWRATES**  
 Gritmit Auto, 1970 Seminary Ave, Oakland, California

Date	Notes	Sample Time	Flowrate *		Influent Temp. (°F)	Vacuum "Hg	Sample Location	Lab Sample Number	Analyses (mg/m <sup>3</sup> )									
			(acfm)	(scfm)					GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	PCE	TCE	n-Propyl benzene	1,2,4-Trimethyl benzene
11/20/14	1	11:30	130.9	128.0	80	10	ASYS INF	89712-01	150	<0.20	<0.20	0.85	2.07	<0.20	<0.20	<0.20	0.46	1.9
							A EFF	89712-02	<20	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
12/19/14		10:04	130.9	125.7	90	13	ASYS INF	89947-01	33	0.41	0.43	0.94	1.96	<0.20	<0.20	<0.20	<0.20	<0.20
		10:35					A EFF	89947-02	<20	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
01/05/15		9:07	130.9	123.4	100	8	ASYS INF	90046-01	<20	<0.20	<0.20	<0.25	<0.40	<0.20	<0.20	<0.20	<0.20	<0.20
		9:05					A EFF	90046-02	<20	<0.20	<0.20	<0.25	<0.40	<0.20	<0.20	<0.20	<0.20	<0.20
02/02/15		8:15	130.9	124.5	95	11	ASYS INF	90255-01	<20	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		8:10					A EFF	90255-02	<20	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
03/10/15		9:08	109.1	104.7	90	11	ASYS INF	90501-01	45	<0.20	<0.20	<0.25	0.27	<0.20	<0.20	<0.20	<0.20	<0.20
		9:05					A EFF	90501-02	<20	<0.20	<0.20	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

**Legend / Key:**

acfm = actual cubic feet per minute  
 scfm = standard cubic feet per minute  
 Temp. (°F) = temperature in degrees Fahrenheit  
 "Hg = inches mercury  
 GRO = gasoline range organics (C4-C13)  
 BTEX = benzene, toluene, ethylbenzene, and xylenes  
 \* Flowrate used based on most representative field data at time of sampling.

MTBE = methyl tertiary butyl ether  
 PCE = tetrachloroethene  
 TCE = trichloroethene  
 SysInf = system influent  
 Eff = effluent  
 mg/m<sup>3</sup> = milligrams per cubic meter

**Laboratory Analytical Methods and Facility:**

GRO analyzed using EPA Method SW8015B/SW8260B  
 BTEX, MTBE and VOCs analyzed using EPA Method SW8260B  
 Pace Analytical(Formerly Kiff Analytical; ELAP # 08263CA)

**Calculations:**

Actual flow rate (acfm) is converted to standard flow rate (scfm) using the following formulas:  
 Pressure corrected influent flow rat = Flow was taken on positive side of blower, no pressure correction factor needed.  
 Temperature Corrected influent flo = Pressure corrected flow rate \* {(460 R + 68deg F)/( deg F+ 460 R)}

**Notes:**

1 DPE extracting from extraction wells EX-1, EX-2, EX-3, and EX-6.

**TABLE 7**  
**DPE REMEDIATION EVENT**  
**SVE COMPONENT - ANALYTICAL RESULTS AND FLOWRATES**  
 Gritmit Auto, 1970 Seminary Ave, Oakland, California

Date	Notes	Sample Time	Flowrate *		Influent Temp. (°F)	Vacuum "Hg	Sample Location	Lab Sample Number	Analyses (mg/m <sup>3</sup> )							
			(acfm)	(scfm)					GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes	MTBE	PCE	TCE
2 Sampled per EPA Method TO-15M and TO-3M; Pace Analytical subbed out work to a third party laboratory (Eurofins/Calscience), therefore, different method and reporting limits were reported.																

**TABLE 8**  
**DPE REMEDIATION EVENT**  
**SVE COMPONENT - EXTRACTION AND EMISSION RATES**  
 Gruit Auto, 1970 Seminary Ave, Oakland, California

Date	Notes	Influent Sample Time	Hour Meter Reading	Sys. Influent Flowrate (scfm)	Effluent Flowrate <sup>2</sup> (scfm)	Sys. Influent Conc. (mg/m <sup>3</sup> )			Effluent Conc. (mg/m <sup>3</sup> )			Extraction Rate from Wells (lbs/day) <sup>2</sup>			Emissions Rate to Atmosphere (lbs/day)			Destruction Removal Efficiency (%)	Cumulative GRO Removal (lbs)	
						GRO	Benzene	MTBE	GRO	Benzene	MTBE	GRO	Benzene	MTBE	GRO	Benzene	MTBE		GRO	Benzene
11/20/14	1	11:30	15,632.1	128.0	208.0	150	<0.20	<0.20	<20	<0.20	<0.20	1.73	<0.002	<0.002	<0.37	<0.004	<0.004	78.3	0.1	0.1
12/18/14	2	10:40	0.0	125.7	205.7	33	0.41	<0.20	<20	<0.20	<0.20	0.37	0.005	<0.002	<0.37	<0.004	<0.004	--	--	0.1
1/5/15		9:07	430.0	123.4	203.4	<20	<0.20	<0.20	<20	<0.20	<0.20	<0.29	<0.003	<0.002	<0.37	<0.004	<0.004	--	5.3	5.3
2/2/15		8:15	1,101.0	124.5	204.5	<20	<0.20	<0.20	<20	<0.20	<0.20	<0.22	<0.002	<0.002	<0.37	<0.004	<0.004	--	6.3	11.6
3/10/15		9:08	1,965.0	104.7	184.7	45	<0.20	<0.20	<20	<0.20	<0.20	0.31	<0.002	<0.002	<0.33	<0.003	<0.003	--	11.0	22.6

**Legend / Key:**

acfm = actual cubic feet per minute  
 scfm = standard cubic feet per minute  
 Sys. = system  
 mg/m<sup>3</sup> = milligrams per cubic meter  
 Conc. = concentration  
 lbs/day = pounds per day

GRO = gasoline range organics  
 MTBE = methyl tertiary butyl ether

<sup>1</sup> Effluent Flow rate = System Influent flow rate + combustion air flow rate (80 cfm per manufacturer)  
<sup>2</sup> To calculate the extraction rate, the system influent concentrations are averaged between the sampling dates for those dates that extract from the same extraction wells.

**Sample Calculations:**

Extraction Rate from Wells (lbs/day) = Sys Inf Flowrate (ft<sup>3</sup>/min) x Avg. Inf Conc (mg/m<sup>3</sup>) x (1 lb/453,593mg) x (1,440 min/day) x (1 m<sup>3</sup>/35.314ft<sup>3</sup>)

Destruction Removal Efficiency, % =  $\frac{(\text{Extraction Rate} - \text{Emission Rate})}{\text{Extraction Rate}} \times 100$

**Notes:**

- 1 DPE extracting from extraction wells EX-1, EX-2, EX-3, and EX-6. GRO removed is calculated based on assuming 1.1 hours of operation occurred from start of test to first sample time.
- 2 New hour meter installed. System operated for 1-hour during initial start-up and sampling period. System re-started for continuous operation, therefore, mass removed is negligible and will be calculated after next sampling event.

**TABLE 9a**  
**DPE REMEDIATION EVENT**  
**GROUNDWATER EXTRACTION COMPONENT - GROUNDWATER ANALYTICAL DATA SUMMARY**  
 Gruit Auto, 1970 Seminary Ave, Oakland, California

Date	Notes	Sample Time	Sample Location	Laboratory Sample ID	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Napthalene	PCE	TCE	Vinyl chloride	1,2 DCA	Chloro benzene
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
11/25/14	1	10:35	WINF	STR14112541-01A	75	<1.0	<1.0	1.9	4.1	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	<1.0
		10:30	WGAC1	STR14112541-02A	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10:25	WEFF	STR14112541-03A	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
12/19/14		7:10	WINF	STR14122242-01A	130	1.9	2.6	4.0	9.1	<0.5	11	<1.0	<1.0	<1.0	<1.0	--
		7:20	WGAC1	STR14122243-01A	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--
		7:15	WEFF	STR14122241-01A	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--
01/05/15		9:25	WINF	STR15010645-01A	<50	<0.50	<0.50	<0.50	0.83	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		9:22	WGAC1	STR15010648-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		9:18	WEFF	STR15010642-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
02/02/15		8:35	WINF	STR15020345-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		8:30	WGAC1	STR15020346-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		8:25	WEFF	STR15020343-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
03/10/15		9:22	WINF	STR15031145-01A	<50	<0.50	<0.50	<0.50	0.66	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		9:18	WGAC1	STR15031146-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--
		9:13	WEFF	STR15031144-01A	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0	--

**Legend / Key:**

GRO = Gasoline Range Organics C4-C13  
 MTBE = Methyl tertiary butyl ether  
 BTEX = Benzene, toluene, ethylbenzene, xylenes  
 µg/L = micrograms per liter  
 -- = Not analyzed

PCE = tetrachloroethene  
 TCE = trichloroethene  
 1,2 DCA = 1,2 - Dichloroethane

**Analytical Methods / Laboratory:**

GRO analyzed using EPA Method SW8015B/SW8260B  
 BTEX and MTBE analyzed using EPA Method SW8260B  
 Volatile Organics analyzed using EPA Method 624/SW8260  
 Lead analyzed using EPA Method 200.8  
 Alpha Analytical, Inc. (ELAP # 2019)

- [1] Sample was re-analyzed to achieve a lower reporting limit.  
 [2] DRO concentrations may include contributions from heavier-end hydrocarbons that elute in the DRO range.  
 [3] Reporting limits were increased due to high concentrations of target analytes.

**Notes:**

1 DPE test, extracting from extraction wells EX-1, EX-2, EX-3, and EX-6.





**TABLE 10**  
**DPE REMEDIATION EVENT**  
**GROUNDWATER EXTRACTION COMPONENT - OPERATIONAL PERFORMANCE AND MASS REMOVAL SUMMARY**  
 Gruit Auto, 1970 Seminary Ave, Oakland, California

Date	Notes	Sample Time	Hour Meter Reading <sup>1</sup>	Sewer Discharge Data				Analytical Results	Mass Removed	Cumulative
				Totalizer Reading (gallons)	Period (gallons)	Cumulative Flow (gallons)	Average Extraction Rate (gpm) <sup>a</sup>	Influent GRO (µg/L)	This Period <sup>b</sup> GRO (lbs)	Mass Removed GRO (lbs)
11/18/14	1	8:30	15,631.0	214,690				--		
11/25/14	1	10:35	15,632.0	215,430	740	740	12.33	75	0.0005	0.0005
12/19/14	2	7:10	20.0	216,030	600	1,340	0.50	130	0.0007	0.0011
1/5/15		9:25	430.0	219,180	3,150	4,490	0.13	<50	0.0013	0.0020
2/2/15		8:35	1,101.0	221,340	2,160	6,650	0.05	<50	0.0009	0.0022
3/10/15		9:22	1,965.0	226,420	5,080	11,730	0.10	<50	0.0021	0.0030

**Legend / Key:**  
 GRO = Gasoline Range Organics C4-C13      µg/L = micrograms per litre      lbs = pounds  
 DRO = Diesel Range Organics C13-C22      gpm = gallons per minute      -- = data not collected/not calculated  
 MTBE = Methyl tertiary butyl ether  
 TBA = Tertiary Butyl Alcohol  
<sup>a</sup> Approximate groundwater extraction rate between sampling periods, actual extraction rate varies due to system down time.  
<sup>b</sup> Mass removed this period (pounds) = Average concentration (µg/L) [ between the sample dates] x Period gallons x (2.2046 x 10<sup>-9</sup>)(lb/µg) / 0.26418 (gal/L)  
<sup>1</sup> Hour meter readings were not taken at exact sampling times, therefore, times noted are readings obtained closest to the actual sampling times.

**Notes:**  
 1 DPE test, extracting from extraction wells EX-1, EX-2, EX-3, and EX-6.  
 2 New hour meter was installed, therefore, hour readings re-started at zero reading.

## **APPENDIX B**

### **LABORATORY ANALYTICAL REPORTS AND CHAIN- OF-CUSTODY DOCUMENTATION**



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 01/06/15

Job: Grimit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W INF				
Lab ID : STR15010645-01A	TPH-P (GRO)	ND	50 µg/L	01/07/15
Date Sampled 01/05/15 09:25	Vinyl chloride	ND	1.0 µg/L	01/07/15
	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/07/15
	1,2-Dichloroethane	ND	1.0 µg/L	01/07/15
	Benzene	ND	0.50 µg/L	01/07/15
	Trichloroethene	ND	1.0 µg/L	01/07/15
	Toluene	ND	0.50 µg/L	01/07/15
	Tetrachloroethene	ND	1.0 µg/L	01/07/15
	Ethylbenzene	ND	0.50 µg/L	01/07/15
	m,p-Xylene	0.83	0.50 µg/L	01/07/15
	o-Xylene	ND	0.50 µg/L	01/07/15
	Naphthalene	ND	2.0 µg/L	01/07/15

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

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



*[Signature]*  
1/8/15

Report Date



# Alpha Analytical, Inc.

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

---

## VOC Sample Preservation Report

---

Work Order: STR15010645

Job: Grit Auto

---

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15010645-01A	Grim W INF	Aqueous	2

---

1/8/15  
Report Date



# Alpha Analytical, Inc.

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

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

Date:  
12-Jan-15

## QC Summary Report

Work Order:  
15010645

Method Blank		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010705.D			Batch ID: MS15W0107B				Analysis Date: 01/07/2015 12:10			
Sample ID:	MBLK MS15W0107B	Units : µg/L	Run ID: MSD_15_150107A		Prep Date: 01/07/2015 12:10					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	8.51		10		85	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

Laboratory Control Spike		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010704.D			Batch ID: MS15W0107B				Analysis Date: 01/07/2015 11:40			
Sample ID:	GLCS MS15W0107B	Units : µg/L	Run ID: MSD_15_150107A		Prep Date: 01/07/2015 11:40					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	363	50	400		91	70	130			
Surr: 1,2-Dichloroethane-d4	8.43		10		84	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010728.D			Batch ID: MS15W0107B				Analysis Date: 01/07/2015 21:26			
Sample ID:	15010645-01AGS	Units : µg/L	Run ID: MSD_15_150107A		Prep Date: 01/07/2015 21:26					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1610	250	2000	0	80	54	143			
Surr: 1,2-Dichloroethane-d4	43.7		50		87	70	130			
Surr: Toluene-d8	51.3		50		103	70	130			
Surr: 4-Bromofluorobenzene	54.6		50		109	70	130			

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010729.D			Batch ID: MS15W0107B				Analysis Date: 01/07/2015 21:50			
Sample ID:	15010645-01AGSD	Units : µg/L	Run ID: MSD_15_150107A		Prep Date: 01/07/2015 21:50					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1590	250	2000	0	79	54	143	1606	1.3(23)	
Surr: 1,2-Dichloroethane-d4	43.2		50		86	70	130			
Surr: Toluene-d8	52		50		104	70	130			
Surr: 4-Bromofluorobenzene	55.1		50		110	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.





# Alpha Analytical, Inc.

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

Date:  
12-Jan-15

## QC Summary Report

Work Order:  
15010645

### Method Blank

Type MBLK Test Code: EPA Method SW8260B

File ID: 15010705.D

Batch ID: MS15W0107A

Analysis Date: 01/07/2015 12:10

Sample ID: MBLK MS15W0107A

Units: µg/L

Run ID: MSD\_15\_150107A

Prep Date: 01/07/2015 12:10

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,2-Dichloroethane	ND	1								
Benzene	ND	0.5								
Trichloroethene	ND	1								
Toluene	ND	0.5								
Tetrachloroethene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	8.51		10		85	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

### Laboratory Control Spike

Type LCS Test Code: EPA Method SW8260B

File ID: 15010703.D

Batch ID: MS15W0107A

Analysis Date: 01/07/2015 11:03

Sample ID: LCS MS15W0107A

Units: µg/L

Run ID: MSD\_15\_150107A

Prep Date: 01/07/2015 11:03

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	7.74	0.5	10		77	63	137			
Benzene	10.6	0.5	10		106	70	130			
Trichloroethene	10.3	1	10		103	68	138			
Toluene	11.1	0.5	10		111	80	120			
Ethylbenzene	10.4	0.5	10		104	80	120			
m,p-Xylene	11.2	0.5	10		112	65	139			
o-Xylene	11.2	0.5	10		112	70	130			
Surr: 1,2-Dichloroethane-d4	8.27		10		83	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	11.1		10		111	70	130			

### Sample Matrix Spike

Type MS Test Code: EPA Method SW8260B

File ID: 15010726.D

Batch ID: MS15W0107A

Analysis Date: 01/07/2015 20:38

Sample ID: 15010645-01AMS

Units: µg/L

Run ID: MSD\_15\_150107A

Prep Date: 01/07/2015 20:38

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	48.5	1.3	50	0	97	56	140			
Benzene	56.4	1.3	50	0	113	67	134			
Trichloroethene	50.8	2.5	50	0	102	68	138			
Toluene	56.1	1.3	50	0	112	38	130			
Ethylbenzene	50.5	1.3	50	0	101	70	130			
m,p-Xylene	54.5	1.3	50	0.83	107	65	139			
o-Xylene	55.5	1.3	50	0	111	69	130			
Surr: 1,2-Dichloroethane-d4	42.5		50		85	70	130			
Surr: Toluene-d8	51.6		50		103	70	130			
Surr: 4-Bromofluorobenzene	53.7		50		107	70	130			

### Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method SW8260B

File ID: 15010727.D

Batch ID: MS15W0107A

Analysis Date: 01/07/2015 21:02

Sample ID: 15010645-01AMSD

Units: µg/L

Run ID: MSD\_15\_150107A

Prep Date: 01/07/2015 21:02

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	45.3	1.3	50	0	91	56	140	48.45	6.6(40)	
Benzene	50	1.3	50	0	100	67	134	56.43	12.1(21)	
Trichloroethene	44.5	2.5	50	0	89	68	138	50.78	13.2(20)	
Toluene	49.1	1.3	50	0	98	38	130	56.07	13.2(20)	
Ethylbenzene	44.7	1.3	50	0	89	70	130	50.47	12.0(20)	
m,p-Xylene	48.6	1.3	50	0.83	95	65	139	54.5	11.5(20)	
o-Xylene	49.8	1.3	50	0	99.5	69	130	55.52	10.9(20)	
Surr: 1,2-Dichloroethane-d4	42.9		50		86	70	130			
Surr: Toluene-d8	51.1		50		102	70	130			
Surr: 4-Bromofluorobenzene	54.6		50		109	70	130			



# *Alpha Analytical, Inc.*

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

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

**Date:**  
*12-Jan-15*

## QC Summary Report

**Work Order:**  
15010645

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# RUSH!

Page: 1 of 1

## CA

WorkOrder : STR15010645  
Report Due By : 5:00 PM On : 08-Jan-15

### Alpha Analytical, Inc.

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

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :  
Client's COC # : 16872                      Job : Grit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	06-Jan-15	06-Jan-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha	Sub	TAT	Requested Tests							Sample Remarks		
						TPHP_W	VOC_W								
STR15010645-01A	Grim W INF	AQ	01/05/15 09:25	6	0	2	GAS-C	8260 SPEC LIST_C							

Comments: 48 hrs TAT. Security seals intact. Frozen ice. Chain split into three work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	1/6/15 1118

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

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Company: State's  
 Attn: Dustin  
 Address: 3330 Canyon Dr  
 City, State, Zip: Carson NV  
 Phone Number: 702-766-6004 Fax: 702-766-6004



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 8891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamolle Hwy., #310, Elko, NV 89801  
 Southern NV: 8255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0408  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-388-7043  
 Phone: 702-281-4848

16872

Page # 1 of 1

Company: State's Job and Purchase Order Info: Job #: Grimit Auto Report Attention/Project Manager: SCIF QC Deliverable Info:  
 Address: \_\_\_\_\_ Job Name: \_\_\_\_\_ Name: \_\_\_\_\_ EDD Required? Yes / No EDF Required? Yes / No  
 City, State, Zip: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Email Address: \_\_\_\_\_ Global ID: J0600100667  
 Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other Cell #: \_\_\_\_\_ Data Validation Packages: III or IV

Time Sampled (H:MM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers** (See Key Below)	Field Filtered?		Analysis Requested					Remarks
							Yes	No	GRD, BTEX	MTBE, 1,2DCA	Napthalene	VOCS	PCE, TCE	
0929	1515	AQ	STR1500648-01	Grim W INF	72	6	X	X	X	X	X	X		
0922	)	)		Grim W GRL	91D	6	X	X	X	X	X	X		
0918	1515	)		Grim W EFF	24	6	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>BHLL</u>	Date: <u>1515</u>	Time: <u>1206</u>	Received by: (Signature/Affiliation): <u>Muyssa T</u>	Date: <u>1-5-15</u>	Time: <u>1206</u>
Relinquished by: (Signature/Affiliation): <u>[Signature]</u>	Date:	Time:	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>1/6/15</u>	Time: <u>944</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	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.



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 01/06/15

Job: Gritmit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W GAC1				
Lab ID : STR15010648-01A	TPH-P (GRO)	50 µg/L	01/07/15	01/07/15
Date Sampled 01/05/15 09:22	Vinyl chloride	1.0 µg/L	01/07/15	01/07/15
	Methyl tert-butyl ether (MTBE)	0.50 µg/L	01/07/15	01/07/15
	1,2-Dichloroethane	1.0 µg/L	01/07/15	01/07/15
	Benzene	0.50 µg/L	01/07/15	01/07/15
	Trichloroethene	1.0 µg/L	01/07/15	01/07/15
	Toluene	0.50 µg/L	01/07/15	01/07/15
	Tetrachloroethene	1.0 µg/L	01/07/15	01/07/15
	Ethylbenzene	0.50 µg/L	01/07/15	01/07/15
	m,p-Xylene	0.50 µg/L	01/07/15	01/07/15
	o-Xylene	0.50 µg/L	01/07/15	01/07/15
	Naphthalene	2.0 µg/L	01/07/15	01/07/15

### Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.



*JS*

1/13/15

Report Date

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



# Alpha Analytical, Inc.

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

---

## VOC Sample Preservation Report

---

**Work Order:** STR15010648

**Job:** Gritmit Auto

---

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15010648-01A	Grim W GAC1	Aqueous	2

---

1/13/15  
**Report Date**





# Alpha Analytical, Inc.

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

Date:  
13-Jan-15

## QC Summary Report

Work Order:  
15010648

### Method Blank

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

File ID: 15010707.D

Batch ID: MS09W0107B

Analysis Date: 01/07/2015 13:41

Sample ID: MBLK MS09W0107B

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 13:41

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	8.87		10		89	70	130			
Surr: Toluene-d8	10.7		10		107	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

### Laboratory Control Spike

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

File ID: 15010706.D

Batch ID: MS09W0107B

Analysis Date: 01/07/2015 13:11

Sample ID: GLCS MS09W0107B

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 13:11

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	364	50	400		91	70	130			
Surr: 1,2-Dichloroethane-d4	8.24		10		82	70	130			
Surr: Toluene-d8	10.7		10		107	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

### Sample Matrix Spike

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

File ID: 15010720.D

Batch ID: MS09W0107B

Analysis Date: 01/07/2015 18:51

Sample ID: 15010648-01AGS

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 18:51

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2280	250	2000	0	114	54	143			
Surr: 1,2-Dichloroethane-d4	47.8		50		96	70	130			
Surr: Toluene-d8	49.1		50		98	70	130			
Surr: 4-Bromofluorobenzene	53.1		50		106	70	130			

### Sample Matrix Spike Duplicate

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

File ID: 15010721.D

Batch ID: MS09W0107B

Analysis Date: 01/07/2015 19:15

Sample ID: 15010648-01AGSD

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 19:15

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2410	250	2000	0	121	54	143	2280	5.6(23)	
Surr: 1,2-Dichloroethane-d4	46.3		50		93	70	130			
Surr: Toluene-d8	50.1		50		100	70	130			
Surr: 4-Bromofluorobenzene	53.8		50		108	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Date:  
13-Jan-15

## QC Summary Report

Work Order:  
15010648

### Method Blank

Type MBLK Test Code: EPA Method SW8260B

File ID: 15010707.D

Batch ID: MS09W0107A

Analysis Date: 01/07/2015 13:41

Sample ID: MBLK MS09W0107A

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 13:41

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,2-Dichloroethane	ND	1								
Benzene	ND	0.5								
Trichloroethene	ND	1								
Toluene	ND	0.5								
Tetrachloroethene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	8.87		10		89	70	130			
Surr: Toluene-d8	10.7		10		107	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

### Laboratory Control Spike

Type LCS Test Code: EPA Method SW8260B

File ID: 15010705.D

Batch ID: MS09W0107A

Analysis Date: 01/07/2015 12:23

Sample ID: LCS MS09W0107A

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 12:23

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	7.72	0.5	10		77	63	137			
Benzene	9.39	0.5	10		94	70	130			
Trichloroethene	8.71	1	10		87	68	138			
Toluene	9.11	0.5	10		91	80	120			
Ethylbenzene	9.89	0.5	10		99	80	120			
m,p-Xylene	8.68	0.5	10		87	65	139			
o-Xylene	8.74	0.5	10		87	70	130			
Surr: 1,2-Dichloroethane-d4	9.28		10		93	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	9.95		10		100	70	130			

### Sample Matrix Spike

Type MS Test Code: EPA Method SW8260B

File ID: 15010718.D

Batch ID: MS09W0107A

Analysis Date: 01/07/2015 18:03

Sample ID: 15010648-01AMS

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 18:03

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	39.8	1.3	50		0 80	56	140			
Benzene	52.4	1.3	50		0 105	67	134			
Trichloroethene	48.7	2.5	50		0 97	68	138			
Toluene	52.4	1.3	50		0 105	38	130			
Ethylbenzene	56.6	1.3	50		0 113	70	130			
m,p-Xylene	48.1	1.3	50		0 96	65	139			
o-Xylene	47.3	1.3	50		0 95	69	130			
Surr: 1,2-Dichloroethane-d4	49.2		50		98	70	130			
Surr: Toluene-d8	48.9		50		98	70	130			
Surr: 4-Bromofluorobenzene	50.8		50		102	70	130			

### Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method SW8260B

File ID: 15010719.D

Batch ID: MS09W0107A

Analysis Date: 01/07/2015 18:27

Sample ID: 15010648-01AMSD

Units: µg/L

Run ID: MSD\_09\_150107A

Prep Date: 01/07/2015 18:27

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	44	1.3	50		0 88	56	140	39.8	10.0(40)	
Benzene	55.8	1.3	50		0 112	67	134	52.36	6.4(21)	
Trichloroethene	51.1	2.5	50		0 102	68	138	48.71	4.9(20)	
Toluene	54.8	1.3	50		0 110	38	130	52.4	4.5(20)	
Ethylbenzene	59	1.3	50		0 118	70	130	56.64	4.1(20)	
m,p-Xylene	50.4	1.3	50		0 101	65	139	48.11	4.6(20)	
o-Xylene	50.2	1.3	50		0 100	69	130	47.33	5.9(20)	
Surr: 1,2-Dichloroethane-d4	48.7		50		97	70	130			
Surr: Toluene-d8	48.7		50		97	70	130			
Surr: 4-Bromofluorobenzene	49.9		50		99.8	70	130			



# *Alpha Analytical, Inc.*

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

**Date:**  
*13-Jan-15*

## QC Summary Report

**Work Order:**  
15010648

**Comments:**

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

# CHAIN-OF-CUSTODY RECORD

# CA

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

**WorkOrder : STR15010648**  
**Report Due By : 5:00 PM On : 13-Jan-15**

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

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

EDD Required : Yes

Sampled by : C. Hill


**PO :**  
 Client's COC # : 16872      Job : Grimit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	06-Jan-15	06-Jan-15

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

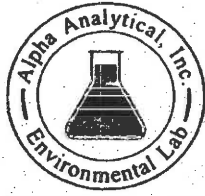
Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests							Sample Remarks			
				Alpha	Sub	TAT	TPH/P_W	VOC_W									
STR15010648-01A	Grim W GAC1	AQ	01/05/15 09:22	6	0	5	GAS-C	8260 SPEC LIST_C									

**Comments:** Security seals intact. Frozen ice. Chain split into three work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	11/15 1302

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

Company: State's  
 Attn: Debra  
 Address: 3330 Diamond Dr  
Carson CA  
 City, State, Zip: 5304766004 Fax: 5304766004  
 Phone Number:



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Hom Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamolle Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0406  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-386-7043  
 Phone: 702-261-4848

16872

Page # 1 of 1

Company: State's Job and Purchase Order Info: Job #: GRIMT AUTO Report Attention/Project Manager: SCPH QC Deliverable Info:  
 Address: \_\_\_\_\_ Job Name: \_\_\_\_\_ Name: \_\_\_\_\_ EDD Required? Yes / No \_\_\_\_\_ EDF Required? Yes / No \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Email Address: \_\_\_\_\_ Global ID: J0600100667  
 Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other Cell #: \_\_\_\_\_ Data Validation Packages: III or IV

Time Sampled (HHMM)	Date Sampled (MMDD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Field Filtered?		Analysis Requested					Remarks
							Yes	No	GRD, BTEX	MTBE, 1,2DCA	Napthalene	VOL'S	PCE, TCE	
0929	1515	AR		GRIM W INF	72	6	X		X	X	X	X	X	
0922	)	)	STA 15010147-DIA	GRIM W GALL	910	6	X		X	X	X	X	X	
0918	1515	)		GRIM W EFF	24	6	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>Bill</u>	Date: <u>7515</u>	Time: <u>7206</u>	Received by: (Signature/Affiliation): <u>Muysa T</u>	Date: <u>1-5-15</u>	Time: <u>1706</u>
Relinquished by: (Signature/Affiliation): <u>Debra Stetson</u>	Date:	Time:	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>1/6/15</u>	Time: <u>944</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	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.



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 01/06/15

Job: Grit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W EFF				
Lab ID : STR15010642-01A	TPH-P (GRO)	ND	01/06/15	01/06/15
Date Sampled 01/05/15 09:18	Vinyl chloride	ND	01/06/15	01/06/15
	Methyl tert-butyl ether (MTBE)	ND	01/06/15	01/06/15
	1,2-Dichloroethane	ND	01/06/15	01/06/15
	Benzene	ND	01/06/15	01/06/15
	Trichloroethene	ND	01/06/15	01/06/15
	Toluene	ND	01/06/15	01/06/15
	Tetrachloroethene	ND	01/06/15	01/06/15
	Ethylbenzene	ND	01/06/15	01/06/15
	m,p-Xylene	ND	01/06/15	01/06/15
	o-Xylene	ND	01/06/15	01/06/15
	Naphthalene	ND	01/06/15	01/06/15

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

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



*AS*  
1/6/15

Report Date





# Alpha Analytical, Inc.

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

## VOC Sample Preservation Report

Work Order: STR15010642

Job: Gritmit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15010642-01A	Grim W EFF	Aqueous	2

1/6/15

Report Date



# Alpha Analytical, Inc.

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

Date:  
09-Jan-15

## QC Summary Report

Work Order:  
15010642

Method Blank		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010609.D			Batch ID: MS15W0106B				Analysis Date: 01/06/2015 14:17			
Sample ID: MBLK MS15W0106B		Units : µg/L	Run ID: MSD_15_150106A				Prep Date: 01/06/2015 14:17			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.78		10		98	70	130			
Surr: Toluene-d8	9.93		10		99	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

Laboratory Control Spike		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010608.D			Batch ID: MS15W0106B				Analysis Date: 01/06/2015 13:49			
Sample ID: GLCS MS15W0106B		Units : µg/L	Run ID: MSD_15_150106A				Prep Date: 01/06/2015 13:49			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	370	50	400		92	70	130			
Surr: 1,2-Dichloroethane-d4	9.42		10		94	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	9.8		10		98	70	130			

Sample Matrix Spike		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010632.D			Batch ID: MS15W0106B				Analysis Date: 01/06/2015 23:31			
Sample ID: 15010642-01AGS		Units : µg/L	Run ID: MSD_15_150106A				Prep Date: 01/06/2015 23:31			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1600	250	2000		80	54	143			
Surr: 1,2-Dichloroethane-d4	46.3		50		93	70	130			
Surr: Toluene-d8	49.4		50		99	70	130			
Surr: 4-Bromofluorobenzene	51.7		50		103	70	130			

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8015B/C / SW8260B							
File ID: 15010633.D			Batch ID: MS15W0106B				Analysis Date: 01/06/2015 23:55			
Sample ID: 15010642-01AGSD		Units : µg/L	Run ID: MSD_15_150106A				Prep Date: 01/06/2015 23:55			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1710	250	2000		85	54	143	1596	6.9(23)	
Surr: 1,2-Dichloroethane-d4	47.3		50		95	70	130			
Surr: Toluene-d8	50		50		99.9	70	130			
Surr: 4-Bromofluorobenzene	52.6		50		105	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Work Order:  
15010642

Date:  
09-Jan-15

## QC Summary Report

Method Blank		Type	MBLK	Test Code: EPA Method SW8260B			Analysis Date: 01/06/2015 14:17			
File ID: 15010609.D				Batch ID: MS15W0106A			Prep Date: 01/06/2015 14:17			
Sample ID:	MBLK MS15W0106A	Units:	µg/L	Run ID:	MSD_15_150106A					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND									
Methyl tert-butyl ether (MTBE)	ND									
1,2-Dichloroethane	ND									
Benzene	ND									
Trichloroethene	ND									
Toluene	ND									
Tetrachloroethene	ND									
Ethylbenzene	ND									
m,p-Xylene	ND									
o-Xylene	ND									
Naphthalene	ND									
Surr: 1,2-Dichloroethane-d4	9.78		10		98	70	130			
Surr: Toluene-d8	9.93		10		99	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

Laboratory Control Spike		Type	LCS	Test Code: EPA Method SW8260B			Analysis Date: 01/06/2015 13:16			
File ID: 15010607.D				Batch ID: MS15W0106A			Prep Date: 01/06/2015 13:16			
Sample ID:	LCS MS15W0106A	Units:	µg/L	Run ID:	MSD_15_150106A					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.43	0.5	10		94	63	137			
Benzene	10.4	0.5	10		104	70	130			
Trichloroethene	10.1	1	10		101	68	138			
Toluene	10.5	0.5	10		105	80	120			
Ethylbenzene	10.2	0.5	10		102	80	120			
m,p-Xylene	10.8	0.5	10		108	65	139			
o-Xylene	10.9	0.5	10		109	70	130			
Surr: 1,2-Dichloroethane-d4	10.1		10		101	70	130			
Surr: Toluene-d8	9.9		10		99	70	130			
Surr: 4-Bromofluorobenzene	10.4		10		104	70	130			

Sample Matrix Spike		Type	MS	Test Code: EPA Method SW8260B			Analysis Date: 01/06/2015 22:43			
File ID: 15010630.D				Batch ID: MS15W0106A			Prep Date: 01/06/2015 22:43			
Sample ID:	15010642-01AMS	Units:	µg/L	Run ID:	MSD_15_150106A					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	47.9	1.3	50	0	96	56	140			
Benzene	52.9	1.3	50	0	106	67	134			
Trichloroethene	47.7	2.5	50	0	95	68	138			
Toluene	51	1.3	50	0	102	38	130			
Ethylbenzene	46	1.3	50	0	92	70	130			
m,p-Xylene	49.1	1.3	50	0	98	65	139			
o-Xylene	52.2	1.3	50	0	104	69	130			
Surr: 1,2-Dichloroethane-d4	46.3		50		93	70	130			
Surr: Toluene-d8	50.2		50		100	70	130			
Surr: 4-Bromofluorobenzene	53.7		50		107	70	130			

Sample Matrix Spike Duplicate		Type	MSD	Test Code: EPA Method SW8260B			Analysis Date: 01/06/2015 23:07			
File ID: 15010631.D				Batch ID: MS15W0106A			Prep Date: 01/06/2015 23:07			
Sample ID:	15010642-01AMSD	Units:	µg/L	Run ID:	MSD_15_150106A					
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	54	1.3	50	0	108	56	140	47.91	11.9(40)	
Benzene	54.6	1.3	50	0	109	67	134	52.89	3.1(21)	
Trichloroethene	47.5	2.5	50	0	95	68	138	47.67	0.3(20)	
Toluene	51.8	1.3	50	0	104	38	130	50.99	1.5(20)	
Ethylbenzene	46.2	1.3	50	0	92	70	130	45.99	0.5(20)	
m,p-Xylene	49.7	1.3	50	0	99	65	139	49.13	1.2(20)	
o-Xylene	52.9	1.3	50	0	106	69	130	52.24	1.2(20)	
Surr: 1,2-Dichloroethane-d4	45.5		50		91	70	130			
Surr: Toluene-d8	51.2		50		102	70	130			
Surr: 4-Bromofluorobenzene	53.6		50		107	70	130			



# *Alpha Analytical, Inc.*

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

Date:  
09-Jan-15

## QC Summary Report

Work Order:  
15010642

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# CA RUSH

 Page: 1 of 1

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

WorkOrder : STR15010642  
 Report Due By : 5:00 PM On : 06-Jan-15

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :  
 Client's COC # : 16872 Job : Grit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	06-Jan-15	06-Jan-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests								Sample Remarks	
				TPHP_W	VOC_W								
STR15010642-01A	Grim W EFF	AQ 01/05/15 09:18	6 0 0	GAS-C	8260 SPEC LIST_C								

Comments: ASAP TAT. Security seals intact. Frozen ice. Chain split into three work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	1/6/15 1025

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

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Company: State's  
 Attn: Debra  
 Address: 3331 Canyon Dr  
 City, State, Zip: Carson, NV  
 Phone Number: 5304766004 Fax: 5304766005



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamotte Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0406  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-388-7043  
 Phone: 702-281-4848

16872

Page # 1 of 1

Company: State's Job # \_\_\_\_\_ Job and Purchase Order Info: \_\_\_\_\_ Report Attention/Project Manager: Scott QC Deliverable Info:  
 Address: \_\_\_\_\_ Job Name: Gravit Auto Name: \_\_\_\_\_ EDD Required? Yes / No \_\_\_\_\_ EDF Required? Yes / No  
 City, State, Zip: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Email Address: \_\_\_\_\_ Global ID: J0600100667  
 Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other Cell #: \_\_\_\_\_ Data Validation Packages: III or IV

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Field Filtered?		Analysis Requested						Remarks
							Yes	No	GRD, BTEX	MTBE, 1,2-DCA	Mapthalene	VOCS	PCE, TCE	Vinyl Chloride	
0924	1515	AQ		Grav W INF	72	6	X		X	X	X	X	X		
0922	)	)		Grav W GOLF	91D	6	X		X	X	X	X	X		
0918	1515	)	OSTR 1001004-12-DIA	Grav W EFF	24	6	X		X	X	X	X	X		
			STR 1001004-12-DIA												

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 445.0638 (c) (2).

Sampled By: B Hill Date: 1515 Time: 1206 Received by: (Signature/Affiliation): Muysa T Date: 1-5-15 Time: 1206  
 Relinquished by: (Signature/Affiliation): Christine Stetson Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: (Signature/Affiliation): [Signature] Date: 1/6/15 Time: 944  
 Relinquished by: (Signature/Affiliation): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: (Signature/Affiliation): \_\_\_\_\_ 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.



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 02/03/15

Job: Grit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W INF				
Lab ID : STR15020345-01A	TPH-P (GRO)	ND	02/05/15	02/05/15
Date Sampled 02/02/15 08:35	Vinyl chloride	ND	02/05/15	02/05/15
	Methyl tert-butyl ether (MTBE)	ND	02/05/15	02/05/15
	1,2-Dichloroethane	ND	02/05/15	02/05/15
	Benzene	ND	02/05/15	02/05/15
	Trichloroethene	ND	02/05/15	02/05/15
	Toluene	ND	02/05/15	02/05/15
	Tetrachloroethene	ND	02/05/15	02/05/15
	Ethylbenzene	ND	02/05/15	02/05/15
	m,p-Xylene	ND	02/05/15	02/05/15
	o-Xylene	ND	02/05/15	02/05/15
	Naphthalene	ND	02/05/15	02/05/15

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.



*PS*  
2/6/15

Report Date

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



# Alpha Analytical, Inc.

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

## VOC Sample Preservation Report

**Work Order:** STR15020345

**Job:** Gritmit Auto

---

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15020345-01A	Grim WINF	Aqueous	2

---

2/6/15  
**Report Date**





# Alpha Analytical, Inc.

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

Date:  
10-Feb-15

## QC Summary Report

Work Order:  
15020345

### Method Blank

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

File ID: 15020504.D

Batch ID: MS09W0205B

Analysis Date: 02/05/2015 10:46

Sample ID: MBLK MS09150205B

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 10:46

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.67		10		97	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	9.73		10		97	70	130			

### Laboratory Control Spike

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

File ID: 15020503.D

Batch ID: MS09W0205B

Analysis Date: 02/05/2015 10:21

Sample ID: GLCS MS09W0205B

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 10:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	381	50	400		95	70	130			
Surr: 1,2-Dichloroethane-d4	9.04		10		90	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	10.4		10		104	70	130			

### Sample Matrix Spike

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

File ID: 15020518.D

Batch ID: MS09W0205B

Analysis Date: 02/05/2015 16:21

Sample ID: 15020349-01AGS

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 16:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1970	250	2000	0	98	54	143			
Surr: 1,2-Dichloroethane-d4	48.3		50		97	70	130			
Surr: Toluene-d8	48.6		50		97	70	130			
Surr: 4-Bromofluorobenzene	49.4		50		99	70	130			

### Sample Matrix Spike Duplicate

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

File ID: 15020519.D

Batch ID: MS09W0205B

Analysis Date: 02/05/2015 16:45

Sample ID: 15020349-01AGSD

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 16:45

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2200	250	2000	0	110	54	143	1966	11.1(23)	
Surr: 1,2-Dichloroethane-d4	48.7		50		97	70	130			
Surr: Toluene-d8	48.9		50		98	70	130			
Surr: 4-Bromofluorobenzene	50		50		99.9	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Date:  
10-Feb-15

## QC Summary Report

Work Order:  
15020345

Method Blank  
File ID: 15020504.D

Type MBLK Test Code: EPA Method 624/8260  
Batch ID: MS09W0205A

Analysis Date: 02/05/2015 10:46

Sample ID: MBLK MS09W0205A

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 10:46

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,2-Dichloroethane	ND	1								
Benzene	ND	0.5								
Trichloroethene	ND	1								
Toluene	ND	0.5								
Tetrachloroethene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	9.67		10		97	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	9.73		10		97	70	130			

Laboratory Control Spike  
File ID: 15020502.D

Type LCS Test Code: EPA Method 624/8260  
Batch ID: MS09W0205A

Analysis Date: 02/05/2015 09:43

Sample ID: LCS MS09W0205A

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 09:43

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.04	0.5	10		90	63	137			
Benzene	10.2	0.5	10		102	70	130			
Trichloroethene	10.3	1	10		103	68	138			
Toluene	9.77	0.5	10		98	80	120			
Ethylbenzene	10.1	0.5	10		101	80	120			
m,p-Xylene	10.3	0.5	10		103	65	139			
o-Xylene	10.4	0.5	10		104	70	130			
Surr: 1,2-Dichloroethane-d4	9.55		10		96	70	130			
Surr: Toluene-d8	9.87		10		99	70	130			
Surr: 4-Bromofluorobenzene	9.77		10		98	70	130			

Sample Matrix Spike  
File ID: 15020516.D

Type MS Test Code: EPA Method 624/8260  
Batch ID: MS09W0205A

Analysis Date: 02/05/2015 15:34

Sample ID: 15020349-01AMS

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 15:34

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	46.9	1.3	50	0	94	56	140			
Benzene	51.3	1.3	50	0	103	67	134			
Trichloroethene	52.3	2.5	50	0	105	68	138			
Toluene	49.6	1.3	50	0	99	38	130			
Ethylbenzene	51.4	1.3	50	0	103	70	130			
m,p-Xylene	53.1	1.3	50	0	106	65	139			
o-Xylene	53.5	1.3	50	0	107	69	130			
Surr: 1,2-Dichloroethane-d4	49.8		50		99.6	70	130			
Surr: Toluene-d8	49.3		50		99	70	130			
Surr: 4-Bromofluorobenzene	48.3		50		97	70	130			

Sample Matrix Spike Duplicate  
File ID: 15020517.D

Type MSD Test Code: EPA Method 624/8260  
Batch ID: MS09W0205A

Analysis Date: 02/05/2015 15:58

Sample ID: 15020349-01AMSD

Units: µg/L

Run ID: MSD\_09\_150205A

Prep Date: 02/05/2015 15:58

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	48.3	1.3	50	0	97	56	140	46.88	3.0(40)	
Benzene	52.3	1.3	50	0	105	67	134	51.29	1.9(21)	
Trichloroethene	53.7	2.5	50	0	107	68	138	52.25	2.7(20)	
Toluene	50.5	1.3	50	0	101	38	130	49.63	1.7(20)	
Ethylbenzene	52.8	1.3	50	0	106	70	130	51.37	2.8(20)	
m,p-Xylene	53.7	1.3	50	0	107	65	139	53.05	1.3(20)	
o-Xylene	54.3	1.3	50	0	109	69	130	53.46	1.6(20)	
Surr: 1,2-Dichloroethane-d4	48.8		50		98	70	130			
Surr: Toluene-d8	48.7		50		97	70	130			
Surr: 4-Bromofluorobenzene	48		50		96	70	130			



# *Alpha Analytical, Inc.*

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

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

**Date:**  
*10-Feb-15*

## QC Summary Report

**Work Order:**  
15020345

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# CA RUSH! Page: of 1

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

**WorkOrder : STR15020345**  
**Report Due By : 5:00 PM On : 06-Feb-15**

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

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

EDD Required : Yes

Sampled by : C. Hill

**PO :**  
 Client's COC # : 16876      Job : Gritmit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	03-Feb-15	03-Feb-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests						Sample Remarks					
				TPH/P_W	VOC_W										
STR15020345-01A	Grim W INF	AQ	02/02/15 08:35	6	0	3	GAS-C	BTEX/M/1-2DCA/Naph/PCE/TCE/Vi nyl Cl C							

Comments: 72hr TAT. Security seals intact. Frozen ice. Chain split into three separate due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	2/3/15 1025

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

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Company: Stank's  
 Attn: Dillon  
 Address: 3330 Cummins Pk Dr  
 City, State, Zip: Cameron Pk  
 Phone Number: 5306761004 Fax: 5306761005



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9831 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamaille Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0406  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-388-7043  
 Phone: 702-281-4848

16876

Page # 1 of 1

Company: Stank's Job and Purchase Order Info: Job #: Cummins Auto Job Name: Cummins Auto P.O. #:   
 Report Attention/Project Manager: SUH Name: SUH Email Address:  Phone #:  Cell #:   
 QC Deliverable Info: EDD Required? Yes / No EDF Required? Yes / No Global ID: 10600100667 Date Validation Packages: III or IV

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

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Field Filtered?		Analysis Requested						Remarks
							Yes	No	GRU, BXX	MTBE, 1, 2 DCA	Naphthalene	VOL'S PCB, TCE	Vinyl Chloride		
0833	2-2-15	AQ	STR15020345-DIA	Grum W INT	72	6	X	X	X	X	X	X	X		
0830	2-2-15	AQ		Grum W GAC1	510	6	X	X	X	X	X	X			
0825	2-2-15	AQ		Grum W EFF	24	6	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: PHILL Date: 2-2-15 Time: 2:25 Received by: (Signature/Affiliation): MEYSSA T Date: 2-2-15 Time: 1247  
 Relinquished by: (Signature/Affiliation): Stank's Date:  Time:  Received by: (Signature/Affiliation): [Signature] Date: 2/3/15 Time: 1020  
 Relinquished by: (Signature/Affiliation):  Date:  Time:  Received by: (Signature/Affiliation):  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.



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 02/03/15

Job: Gritmit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W GAC1				
Lab ID : STR15020346-01A	TPH-P (GRO)	ND	02/04/15	02/04/15
Date Sampled 02/02/15 08:30	Vinyl chloride	ND	02/04/15	02/04/15
	Methyl tert-butyl ether (MTBE)	ND	02/04/15	02/04/15
	1,2-Dichloroethane	ND	02/04/15	02/04/15
	Benzene	ND	02/04/15	02/04/15
	Trichloroethene	ND	02/04/15	02/04/15
	Toluene	ND	02/04/15	02/04/15
	Tetrachloroethene	ND	02/04/15	02/04/15
	Ethylbenzene	ND	02/04/15	02/04/15
	m,p-Xylene	ND	02/04/15	02/04/15
	o-Xylene	ND	02/04/15	02/04/15
	Naphthalene	ND	02/04/15	02/04/15

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

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



*[Signature]*  
2/10/15

Report Date



# Alpha Analytical, Inc.

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

---

## VOC Sample Preservation Report

**Work Order:** STR15020346

**Job:** Gritmit Auto

---

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15020346-01A	Grim W GAC1	Aqueous	2

---

2/10/15  
**Report Date**



# Alpha Analytical, Inc.

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

Date:  
05-Feb-15

## QC Summary Report

Work Order:  
15020346

### Method Blank

File ID: 15020410.D

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

Batch ID: MS09W0204B

Analysis Date: 02/04/2015 14:21

Sample ID: MBLK MS09W0204B

Units : µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 14:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.81		10		98	70	130			
Surr: Toluene-d8	9.92		10		99	70	130			
Surr: 4-Bromofluorobenzene	10		10		100	70	130			

### Laboratory Control Spike

File ID: 15020409.D

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

Batch ID: MS09W0204B

Analysis Date: 02/04/2015 13:54

Sample ID: GLCS MS09W0204B

Units : µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 13:54

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	417	50	400		104	70	130			
Surr: 1,2-Dichloroethane-d4	9.91		10		99	70	130			
Surr: Toluene-d8	9.83		10		98	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

### Sample Matrix Spike

File ID: 15020423.D

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

Batch ID: MS09W0204B

Analysis Date: 02/04/2015 19:28

Sample ID: 15020346-01AGS

Units : µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 19:28

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1910	250	2000	0	96	54	143			
Surr: 1,2-Dichloroethane-d4	48.4		50		97	70	130			
Surr: Toluene-d8	49.3		50		99	70	130			
Surr: 4-Bromofluorobenzene	48.8		50		98	70	130			

### Sample Matrix Spike Duplicate

File ID: 15020424.D

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

Batch ID: MS09W0204B

Analysis Date: 02/04/2015 19:51

Sample ID: 15020346-01AGSD

Units : µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 19:51

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2320	250	2000	0	116	54	143	1913	19.2(23)	
Surr: 1,2-Dichloroethane-d4	48.6		50		97	70	130			
Surr: Toluene-d8	49		50		98	70	130			
Surr: 4-Bromofluorobenzene	48.7		50		97	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.





# Alpha Analytical, Inc.

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

Date:  
05-Feb-15

## QC Summary Report

Work Order:  
15020346

### Method Blank

File ID: 15020410.D

Type MBLK Test Code: EPA Method 624/8260

Batch ID: MS09W0204A

Analysis Date: 02/04/2015 14:21

Sample ID: MBLK MS09W0204A

Units: µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 14:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,2-Dichloroethane	ND	1								
Benzene	ND	0.5								
Trichloroethene	ND	1								
Toluene	ND	0.5								
Tetrachloroethene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	9.81		10		98	70	130			
Surr: Toluene-d8	9.92		10		99	70	130			
Surr: 4-Bromofluorobenzene	10		10		100	70	130			

### Laboratory Control Spike

File ID: 15020408.D

Type LCS Test Code: EPA Method 624/8260

Batch ID: MS09W0204A

Analysis Date: 02/04/2015 13:27

Sample ID: LCS MS09W0204A

Units: µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 13:27

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.25	0.5	10		83	63	137			
Benzene	8.81	0.5	10		88	70	130			
Trichloroethene	8.89	1	10		89	68	138			
Toluene	8.53	0.5	10		85	80	120			
Ethylbenzene	8.74	0.5	10		87	80	120			
m,p-Xylene	8.83	0.5	10		88	65	139			
o-Xylene	8.91	0.5	10		89	70	130			
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	9.63		10		96	70	130			
Surr: 4-Bromofluorobenzene	9.61		10		96	70	130			

### Sample Matrix Spike

File ID: 15020421.D

Type MS Test Code: EPA Method 624/8260

Batch ID: MS09W0204A

Analysis Date: 02/04/2015 18:41

Sample ID: 15020346-01AMS

Units: µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 18:41

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	48.8	1.3	50	0	98	56	140			
Benzene	51.3	1.3	50	0	103	67	134			
Trichloroethene	51	2.5	50	0	102	68	138			
Toluene	49.2	1.3	50	0	98	38	130			
Ethylbenzene	50	1.3	50	0	99.9	70	130			
m,p-Xylene	51.8	1.3	50	0	104	65	139			
o-Xylene	52.5	1.3	50	0	105	69	130			
Surr: 1,2-Dichloroethane-d4	47.8		50		96	70	130			
Surr: Toluene-d8	49.4		50		99	70	130			
Surr: 4-Bromofluorobenzene	47.9		50		96	70	130			

### Sample Matrix Spike Duplicate

File ID: 15020422.D

Type MSD Test Code: EPA Method 624/8260

Batch ID: MS09W0204A

Analysis Date: 02/04/2015 19:04

Sample ID: 15020346-01AMSD

Units: µg/L

Run ID: MSD\_09\_150204A

Prep Date: 02/04/2015 19:04

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	51.2	1.3	50	0	102	56	140	48.77	4.8(40)	
Benzene	53.1	1.3	50	0	106	67	134	51.3	3.5(21)	
Trichloroethene	53.5	2.5	50	0	107	68	138	51.01	4.8(20)	
Toluene	50.4	1.3	50	0	101	38	130	49.18	2.4(20)	
Ethylbenzene	52.5	1.3	50	0	105	70	130	49.97	4.8(20)	
m,p-Xylene	54.1	1.3	50	0	108	65	139	51.8	4.3(20)	
o-Xylene	55.2	1.3	50	0	110	69	130	52.45	5.2(20)	
Surr: 1,2-Dichloroethane-d4	47.6		50		95	70	130			
Surr: Toluene-d8	50.1		50		100	70	130			
Surr: 4-Bromofluorobenzene	47.4		50		95	70	130			



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 02/03/15

Job: Grit Auto

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B  
Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W EFF				
Lab ID : STR15020343-01A				
Date Sampled 02/02/15 08:25				
TPH-P (GRO)	ND	50 µg/L	02/04/15	02/04/15
Vinyl chloride	ND	1.0 µg/L	02/04/15	02/04/15
Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	02/04/15	02/04/15
1,2-Dichloroethane	ND	1.0 µg/L	02/04/15	02/04/15
Benzene	ND	0.50 µg/L	02/04/15	02/04/15
Trichloroethene	ND	1.0 µg/L	02/04/15	02/04/15
Toluene	ND	0.50 µg/L	02/04/15	02/04/15
Tetrachloroethene	ND	1.0 µg/L	02/04/15	02/04/15
Ethylbenzene	ND	0.50 µg/L	02/04/15	02/04/15
m,p-Xylene	ND	0.50 µg/L	02/04/15	02/04/15
o-Xylene	ND	0.50 µg/L	02/04/15	02/04/15
Naphthalene	ND	2.0 µg/L	02/04/15	02/04/15

### Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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



*PS*  
2/4/15  
Report Date

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



# Alpha Analytical, Inc.

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

## VOC Sample Preservation Report

Work Order: STR15020343

Job: Gritmit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15020343-01A	Grim W EFF	Aqueous	2

2/4/15

Report Date



# Alpha Analytical, Inc.

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

Date:  
06-Feb-15

## QC Summary Report

Work Order:  
15020343

Method Blank  
File ID: 15020405.D

Type MBLK

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0204B

Analysis Date: 02/04/2015 12:08

Sample ID: MBLK MS15W0204B

Units: µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 12:08

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.26		10		93	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

Laboratory Control Spike

Type LCS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0204B

Analysis Date: 02/04/2015 11:22

File ID: 15020404.D

Sample ID: GLCS MS15W0204B

Units: µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 11:22

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	384	50	400		96	70	130			
Surr: 1,2-Dichloroethane-d4	9.44		10		94	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

Sample Matrix Spike

Type MS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0204B

Analysis Date: 02/04/2015 16:35

File ID: 15020416.D

Sample ID: 15020344-01AGS

Units: µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 16:35

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2190	250	2000		0	110	54	143		
Surr: 1,2-Dichloroethane-d4	55		50		110	70	130			
Surr: Toluene-d8	47.9		50		96	70	130			
Surr: 4-Bromofluorobenzene	51.4		50		103	70	130			

Sample Matrix Spike Duplicate

Type MSD

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0204B

Analysis Date: 02/04/2015 17:00

File ID: 15020417.D

Sample ID: 15020344-01AGSD

Units: µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 17:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2380	250	2000		0	119	54	143	2193	8.1(23)
Surr: 1,2-Dichloroethane-d4	53.7		50		107	70	130			
Surr: Toluene-d8	48.6		50		97	70	130			
Surr: 4-Bromofluorobenzene	51.5		50		103	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Date:  
06-Feb-15

## QC Summary Report

Work Order:  
15020343

### Method Blank

File ID: 15020405.D

Type MBLK Test Code: EPA Method 624/8260

Batch ID: MS15W0204A

Analysis Date: 02/04/2015 12:08

Sample ID: MBLK MS15W0204A

Units : µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 12:08

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Vinyl chloride	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,2-Dichloroethane	ND	1								
Benzene	ND	0.5								
Trichloroethene	ND	1								
Toluene	ND	0.5								
Tetrachloroethene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	9.26		10		93	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

### Laboratory Control Spike

File ID: 15020403.D

Type LCS Test Code: EPA Method 624/8260

Batch ID: MS15W0204A

Analysis Date: 02/04/2015 10:44

Sample ID: LCS MS15W0204A

Units : µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 10:44

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.92	0.5	10		89	63	137			
Benzene	8.82	0.5	10		88	70	130			
Trichloroethene	9.42	1	10		94	68	138			
Toluene	8.92	0.5	10		89	80	120			
Ethylbenzene	8.58	0.5	10		86	80	120			
m,p-Xylene	9.26	0.5	10		93	65	139			
o-Xylene	9.04	0.5	10		90	70	130			
Surr: 1,2-Dichloroethane-d4	9.88		10		99	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

### Sample Matrix Spike

File ID: 15020414.D

Type MS Test Code: EPA Method 624/8260

Batch ID: MS15W0204A

Analysis Date: 02/04/2015 15:47

Sample ID: 15020344-01AMS

Units : µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 15:47

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	57.5	1.3	50	0	115	56	140			
Benzene	48.7	1.3	50	0	97	67	134			
Trichloroethene	51.7	2.5	50	0	103	68	138			
Toluene	46.6	1.3	50	0	93	38	130			
Ethylbenzene	45.1	1.3	50	0	90	70	130			
m,p-Xylene	47.8	1.3	50	0	96	65	139			
o-Xylene	48.1	1.3	50	0	96	69	130			
Surr: 1,2-Dichloroethane-d4	55.6		50		111	70	130			
Surr: Toluene-d8	47.3		50		95	70	130			
Surr: 4-Bromofluorobenzene	49.7		50		99	70	130			

### Sample Matrix Spike Duplicate

File ID: 15020415.D

Type MSD Test Code: EPA Method 624/8260

Batch ID: MS15W0204A

Analysis Date: 02/04/2015 16:11

Sample ID: 15020344-01AMSD

Units : µg/L

Run ID: MSD\_15\_150204A

Prep Date: 02/04/2015 16:11

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	63.9	1.3	50	0	128	56	140	57.52	10.5(40)	
Benzene	52.8	1.3	50	0	106	67	134	48.69	8.0(21)	
Trichloroethene	55.7	2.5	50	0	111	68	138	51.71	7.4(20)	
Toluene	50.2	1.3	50	0	100	38	130	46.56	7.5(20)	
Ethylbenzene	48.1	1.3	50	0	96	70	130	45.14	6.4(20)	
m,p-Xylene	51.3	1.3	50	0	103	65	139	47.82	7.0(20)	
o-Xylene	51.6	1.3	50	0	103	69	130	48.1	6.9(20)	
Surr: 1,2-Dichloroethane-d4	55		50		110	70	130			
Surr: Toluene-d8	48.6		50		97	70	130			
Surr: 4-Bromofluorobenzene	49.5		50		99	70	130			



# *Alpha Analytical, Inc.*

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

**Date:**  
*06-Feb-15*

## **QC Summary Report**

**Work Order:**  
**15020343**

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

**CA RUSH!** Page 1 of 1

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

**WorkOrder : STR15020343**  
**Report Due By : 5:00 PM On : 04-Feb-15**

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

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

EDD Required : Yes

Sampled by : C. Hill

**PO :**  
 Client's COC # : 16876      Job : Grit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	03-Feb-15	03-Feb-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests							Sample Remarks					
				TPHP_W	VOC_W											
STR15020343-01A	Grim W EFF	AQ	02/02/15 08:25	6	0	1	GAS-C	BTEX/M/1-2DCA/Naph/PCE/TCE/Vi nyl Cl_C								

**Comments:** 24hr TAT. Security seals intact. Frozen ice. Chain split into three separate due to different TAT. :

Logged in by:	Signature	Print Name	Company	Date/Time
		JESSICA ALVARADO	Alpha Analytical, Inc.	2/3/15 1000

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

Billing Information:  
 Company: Stantec  
 Attn: Dillon  
 Address: 3350 Cushman Pk Dr  
 City, State, Zip: Skaneateles NY  
 Phone Number: 516-234-1000 Fax: 516-234-1005



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89601  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0406  
 Phone: 916-366-9089  
 Phone: 714-388-2901  
 Phone: 775-388-7043  
 Phone: 702-261-4848

16876

Page # 1 of 1

Consultant/Client Info: Stantec  
 Job and Purchase Order Info: Job # \_\_\_\_\_ Job Name: Gravit Auto P.O. #: \_\_\_\_\_  
 Report Attention/Project Manager: Name: SVH Email Address: \_\_\_\_\_ Phone #: \_\_\_\_\_ Cell #: \_\_\_\_\_  
 QC Deliverable Info: EDD Required? Yes / No \_\_\_\_\_ EDF Required? Yes / No \_\_\_\_\_  
 Global ID: 10600100667  
 Data Validation Packages: III or IV \_\_\_\_\_

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

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Field Filtered?		Analysis Requested						Remarks
							Yes	No	GRD	BXX	MTBE, 1, 2, DCA	Naphthalene	VOCs	PCB	
0830	2-2-15	AQ		Grav W INT	72	6	X	X	X	X	X	X	X	X	
0830	2-2-15	AQ		Grav W GAC1	510	6	X	X	X	X	X	X	X	X	
0825	2-3-15	AQ		Grav W EPIC	24	6	X	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>PHILL</u>	Date: <u>2-2-15</u>	Time: <u>1242</u>	Received by: (Signature/Affiliation): <u>Meysa T</u>	Date: <u>2-2-15</u>	Time: <u>1247</u>
Relinquished by: (Signature/Affiliation): <u>Stantec</u>	Date: _____	Time: _____	Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>2/3/15</u>	Time: <u>945</u>
Relinquished by: (Signature/Affiliation): _____	Date: _____	Time: _____	Received by: (Signature/Affiliation): _____	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.





# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 03/11/15

Job: Gritmit Auto

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

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: Grim W INF				
Lab ID: STR15031145-01A TPH-P (GRO)	ND	50 µg/L	03/12/15	03/12/15
Date Sampled 03/10/15 09:22				

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.



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

*3/16/15*

**Report Date**



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

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

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

Alpha Analytical Number: STR15031145-01A  
Client I.D. Number: Grim W INF

Sampled: 03/10/15 09:22  
Received: 03/11/15  
Extracted: 03/12/15  
Analyzed: 03/12/15

### Volatile Organics by GC/MS EPA Method 624/8260

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Chloromethane	ND	2.0 µg/L	26 Chlorobenzene	ND	1.0 µg/L
2 Vinyl chloride	ND	1.0 µg/L	27 Ethylbenzene	ND	0.50 µg/L
3 Chloroethane	ND	1.0 µg/L	28 m,p-Xylene	0.66	0.50 µg/L
4 Bromomethane	ND	2.0 µg/L	29 Bromoform	ND	1.0 µg/L
5 Trichlorofluoromethane	ND	1.0 µg/L	30 o-Xylene	ND	0.50 µg/L
6 1,1-Dichloroethene	ND	1.0 µg/L	31 1,1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
7 Dichloromethane	ND	2.0 µg/L	32 1,3-Dichlorobenzene	ND	1.0 µg/L
8 trans-1,2-Dichloroethene	ND	1.0 µg/L	33 1,4-Dichlorobenzene	ND	1.0 µg/L
9 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	34 1,2-Dichlorobenzene	ND	1.0 µg/L
10 1,1-Dichloroethane	ND	1.0 µg/L	35 Naphthalene	ND	2.0 µg/L
11 cis-1,2-Dichloroethene	ND	1.0 µg/L			
12 Chloroform	ND	1.0 µg/L			
13 1,2-Dichloroethane	ND	1.0 µg/L			
14 1,1,1-Trichloroethane	ND	1.0 µg/L			
15 Carbon tetrachloride	ND	1.0 µg/L			
16 Benzene	ND	0.50 µg/L			
17 1,2-Dichloropropane	ND	1.0 µg/L			
18 Trichloroethene	ND	1.0 µg/L			
19 Bromodichloromethane	ND	1.0 µg/L			
20 cis-1,3-Dichloropropene	ND	1.0 µg/L			
21 trans-1,3-Dichloropropene	ND	1.0 µg/L			
22 1,1,2-Trichloroethane	ND	1.0 µg/L			
23 Toluene	ND	0.50 µg/L			
24 Dibromochloromethane	ND	1.0 µg/L			
25 Tetrachloroethene	ND	1.0 µg/L			

This replaces the report signed 3/16/15 due to a change in the concentration, due to lab error.

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

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



3/18/15

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

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

Date:  
18-Mar-15

## QC Summary Report

Work Order:  
15031145

### Method Blank

File ID: 15031204.D

Sample ID: MBLK MS08W0312B

Type MBLK

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0312B

Analysis Date: 03/12/2015 12:28

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 12:28

Analyte

Result

PQL

SpkVal

SpkRefVal

%REC

LCL(ME)

UCL(ME)

RPDRefVal

%RPD(Limit)

Qual

TPH-P (GRO)

ND

50

Surr: 1,2-Dichloroethane-d4

10.2

10

102

70

130

Surr: Toluene-d8

10.2

10

102

70

130

Surr: 4-Bromofluorobenzene

9.81

10

98

70

130

### Laboratory Control Spike

File ID: 15031203.D

Sample ID: GLCS MS08W0312B

Type LCS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0312B

Analysis Date: 03/12/2015 11:56

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 11:56

Analyte

Result

PQL

SpkVal

SpkRefVal

%REC

LCL(ME)

UCL(ME)

RPDRefVal

%RPD(Limit)

Qual

TPH-P (GRO)

404

50

400

101

70

130

Surr: 1,2-Dichloroethane-d4

9.79

10

98

70

130

Surr: Toluene-d8

9.05

10

91

70

130

Surr: 4-Bromofluorobenzene

12

10

120

70

130

### Sample Matrix Spike

File ID: 15031209.D

Sample ID: 15031145-01AGS

Type MS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0312B

Analysis Date: 03/12/2015 14:27

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 14:27

Analyte

Result

PQL

SpkVal

SpkRefVal

%REC

LCL(ME)

UCL(ME)

RPDRefVal

%RPD(Limit)

Qual

TPH-P (GRO)

1920

250

2000

0

96

54

143

Surr: 1,2-Dichloroethane-d4

49.6

50

99

70

130

Surr: Toluene-d8

46.4

50

93

70

130

Surr: 4-Bromofluorobenzene

59.3

50

119

70

130

### Sample Matrix Spike Duplicate

File ID: 15031210.D

Sample ID: 15031145-01AGSD

Type MSD

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0312B

Analysis Date: 03/12/2015 14:50

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 14:50

Analyte

Result

PQL

SpkVal

SpkRefVal

%REC

LCL(ME)

UCL(ME)

RPDRefVal

%RPD(Limit)

Qual

TPH-P (GRO)

2080

250

2000

0

104

54

143

1923

7.9(23)

Surr: 1,2-Dichloroethane-d4

48.8

50

98

70

130

Surr: Toluene-d8

47.1

50

94

70

130

Surr: 4-Bromofluorobenzene

61.3

50

123

70

130

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Date:  
18-Mar-15

## QC Summary Report

Work Order:  
15031145

### Method Blank

Type MBLK Test Code: EPA Method 624/8260

File ID: 15031204.D

Batch ID: MS08W0312A

Analysis Date: 03/12/2015 12:28

Sample ID: MBLK MS08W0312A

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 12:28

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Chloroform	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	0.5								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	0.5								
Dibromochloromethane	ND	1								
Tetrachloroethene	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
Bromoform	ND	1								
o-Xylene	ND	0.5								
1,1,2,2-Tetrachloroethane	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
1,2-Dichlorobenzene	ND	1								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	9.81		10		98	70	130			

### Laboratory Control Spike

Type LCS Test Code: EPA Method 624/8260

File ID: 15031202.D

Batch ID: MS08W0312A

Analysis Date: 03/12/2015 11:32

Sample ID: LCS MS08W0312A

Units: µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 11:32

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	11.7	1	10		117	80	120			
Methyl tert-butyl ether (MTBE)	10.1	0.5	10		101	63	137			
Benzene	10.4	0.5	10		104	70	130			
Trichloroethene	9.98	1	10		99.8	68	138			
Toluene	10.9	0.5	10		109	80	120			
Chlorobenzene	11.5	1	10		115	70	130			
Ethylbenzene	10.6	0.5	10		106	80	120			
m,p-Xylene	11.5	0.5	10		115	65	139			
o-Xylene	11.3	0.5	10		113	70	130			
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	9.16		10		92	70	130			
Surr: 4-Bromofluorobenzene	11.7		10		117	70	130			



# Alpha Analytical, Inc.

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

Date:  
18-Mar-15

## QC Summary Report

Work Order:  
15031145

### Sample Matrix Spike

Type MS Test Code: EPA Method 624/8260

File ID: 15031207.D

Batch ID: MS08W0312A

Analysis Date: 03/12/2015 13:39

Sample ID: 15031145-01AMS

Units : µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 13:39

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	59.8	2.5	50	0	120	62	133			
Methyl tert-butyl ether (MTBE)	51.7	1.3	50	0	103	56	140			
Benzene	51.9	1.3	50	0	104	67	134			
Trichloroethene	50.5	2.5	50	0	101	68	138			
Toluene	55.1	1.3	50	0	110	38	130			
Chlorobenzene	57.5	2.5	50	0	115	70	130			
Ethylbenzene	53.9	1.3	50	0	108	70	130			
m,p-Xylene	60.1	1.3	50	0.66	119	65	139			
o-Xylene	58.5	1.3	50	0	117	69	130			
Surr: 1,2-Dichloroethane-d4	49.4		50		99	70	130			
Surr: Toluene-d8	46.6		50		93	70	130			
Surr: 4-Bromofluorobenzene	55.2		50		110	70	130			

### Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method 624/8260

File ID: 15031208.D

Batch ID: MS08W0312A

Analysis Date: 03/12/2015 14:03

Sample ID: 15031145-01AMSD

Units : µg/L

Run ID: MSD\_08\_150312A

Prep Date: 03/12/2015 14:03

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	58.6	2.5	50	0	117	62	133	59.83	2.0(35)	
Methyl tert-butyl ether (MTBE)	52.5	1.3	50	0	105	56	140	51.69	1.5(40)	
Benzene	53.8	1.3	50	0	108	67	134	51.89	3.6(21)	
Trichloroethene	51.5	2.5	50	0	103	68	138	50.53	1.9(20)	
Toluene	56.5	1.3	50	0	113	38	130	55.1	2.6(20)	
Chlorobenzene	58.4	2.5	50	0	117	70	130	57.53	1.4(20)	
Ethylbenzene	55.2	1.3	50	0	110	70	130	53.92	2.3(20)	
m,p-Xylene	61.4	1.3	50	0.66	121	65	139	60.06	2.1(20)	
o-Xylene	60.6	1.3	50	0	121	69	130	58.51	3.4(20)	
Surr: 1,2-Dichloroethane-d4	49.3		50		99	70	130			
Surr: Toluene-d8	46.4		50		93	70	130			
Surr: 4-Bromofluorobenzene	55.7		50		111	70	130			

### Comments:

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# AMENDED

# CA RUSH!

Page 1 of 1

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

WorkOrder : STR15031145  
 Report Due By : 5:00 PM On : 16-Mar-15

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :  
 Client's COC # : 16143 Job : Gritm Auto

Cooler Temp	Samples Received	Date Printed
0 °C	11-Mar-15	12-Mar-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests							Sample Remarks			
				Alpha	Sub	TAT	TPHP_W	VOC_W									
STR15031145-01A	Grim W INF	AQ	03/10/15 09:22	6	0	3	GAS-C	8260/Naph/M_Cs									

**Comments:** 72hr TAT per client notes. Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. Amended on 3/12/15 to change 8260 analysis from soil to aqueous do to login error. JA :

Signature	Print Name	Company	Date/Time
		Alpha Analytical, Inc.	3/12/15 1050

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# RUSH! CA

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

**WorkOrder : STR15031145**  
**Report Due By : 5:00 PM On : 16-Mar-15**

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

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

EDD Required : Yes

Sampled by : C. Hill

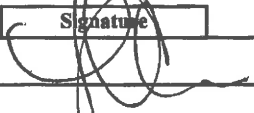
**PO :**  
 Client's COC # : 16143      Job : Grit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	11-Mar-15	11-Mar-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests							Sample Remarks	
				TPH/P_W	VOC_S							
STR15031145-01A	Grim W INF	AQ 03/10/15 09:22	6 0 3	GAS-C	8260/Naph/M_Cs							

Comments: 72hr TAT per client notes. Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	3/11/15 1030

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

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:  
 Company: Stroker's  
 Attn: Duke  
 Address: 3330 Cameron Pk Dr  
 City, State, Zip: Glennville, GA  
 Phone Number: 5306266004 Fax: 5306266004



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Hom Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamolle Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0406  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-388-7043  
 Phone: 702-281-4848

16143

Page # 1 of 1

Consultant/Client Info:  
 Company: Stroker's  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_

Job and Purchase Order Info:  
 Job # \_\_\_\_\_  
 Job Name: Grimit Auto  
 P.O. #: \_\_\_\_\_

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

QC Deliverable Info:  
 EDD Required? Yes / No \_\_\_\_\_ EDF Required? Yes / No \_\_\_\_\_  
 Global ID: TO600100667  
 Data Validation Packages: III or IV

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

Time Sampled (M-D-YY)	Date Sampled (M-D-YY)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Analysis Requested							Remarks	
							Field Filtered?	Yes	No	GR0	BKX	MTBG	1,2,4,6,8		Napthalene
0922	3/15	AQ		Grim W INF	STD		X			X	X	X	X	X	
0916	)	)		Grim W GHL	STD		X			X	X	X	X	X	
0913	)	AQ		Grim W EFF	24		X			X	X	X	X	X	

ADDITIONAL INSTRUCTIONS: \* VOCs including PCE, TCE, Vinylchloride

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>PHILE</u> Relinquished by: (Signature/Affiliation): <u>Charles Stinton</u>	Date: <u>3/10/15</u> Time: <u>1200</u>	Received by: (Signature/Affiliation): <u>Maryssa T</u> Received by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>3-10-15</u> Time: <u>1200</u>
Relinquished by: (Signature/Affiliation): _____	Date: _____ Time: _____	Received by: (Signature/Affiliation): _____	Date: <u>3/11/15</u> Time: <u>1010</u>

\* 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.





# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 03/11/15

Job: Gritmit Auto

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

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : Grim W GAC1				
Lab ID : STR15031146-01A	TPH-P (GRO)	50 µg/L	03/15/15	03/15/15
Date Sampled 03/10/15 09:18	ND			

### Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



*Roger Scholl*     *Randy Gardner*     *Walter Hinchman*

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

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

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.



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

3/18/15

**Report Date**



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

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

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

Alpha Analytical Number: STR15031146-01A  
Client I.D. Number: Grim W GAC1

Sampled: 03/10/15 09:18  
Received: 03/11/15  
Extracted: 03/15/15  
Analyzed: 03/15/15

### Volatile Organics by GC/MS EPA Method 624/8260

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

ND = Not Detected



*Roger Scholl*     *Randy Gardner*     *Walter Hinchman*  
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com  
Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.



3/18/15

Report Date

Page 1 of 1

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.  
Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.



# Alpha Analytical, Inc.

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

---

## VOC Sample Preservation Report

**Work Order:** STR15031146

**Job:** Gritmit Auto

---

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15031146-01A	Grim W GAC1	Aqueous	2

---

3/18/15  
**Report Date**



# Alpha Analytical, Inc.

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

Date:  
17-Mar-15

## QC Summary Report

Work Order:  
15031146

### Method Blank

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

File ID: C:\HPCHEM\MS06\DATA\150315\15031502.D

Batch ID: MS06W0315B

Analysis Date: 03/15/2015 10:15

Sample ID: MBLK MS06W0315B

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 10:15

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	10		10		100	70	130			
Surr: Toluene-d8	9.27		10		93	70	130			
Surr: 4-Bromofluorobenzene	9.07		10		91	70	130			

### Laboratory Control Spike

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

File ID: C:\HPCHEM\MS06\DATA\150315\15031504.D

Batch ID: MS06W0315B

Analysis Date: 03/15/2015 11:00

Sample ID: GLCS MS06W0315B

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 11:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	399	50	400		99.8	70	130			
Surr: 1,2-Dichloroethane-d4	10.4		10		104	70	130			
Surr: Toluene-d8	9.17		10		92	70	130			
Surr: 4-Bromofluorobenzene	9.45		10		95	70	130			

### Sample Matrix Spike

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

File ID: C:\HPCHEM\MS06\DATA\150315\15031522.D

Batch ID: MS06W0315B

Analysis Date: 03/15/2015 18:02

Sample ID: 15031146-01AGS

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 18:02

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2040	250	2000		0	102	54	143		
Surr: 1,2-Dichloroethane-d4	57.4		50		115	70	130			
Surr: Toluene-d8	45.6		50		91	70	130			
Surr: 4-Bromofluorobenzene	47.9		50		96	70	130			

### Sample Matrix Spike Duplicate

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

File ID: C:\HPCHEM\MS06\DATA\150315\15031523.D

Batch ID: MS06W0315B

Analysis Date: 03/15/2015 18:25

Sample ID: 15031146-01AGSD

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 18:25

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2440	250	2000		0	122	54	143	2040	18.0(23)
Surr: 1,2-Dichloroethane-d4	52.1		50		104	70	130			
Surr: Toluene-d8	44.8		50		90	70	130			
Surr: 4-Bromofluorobenzene	47.5		50		95	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

Date:  
17-Mar-15

## QC Summary Report

Work Order:  
15031146

### Method Blank

Type MBLK Test Code: EPA Method 624/8260

File ID: C:\HPCHEMMS06\DATA\150315\15031502.D

Batch ID: MS06W0315A

Analysis Date: 03/15/2015 10:16

Sample ID: MBLK MS06W0315A

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 10:15

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Chloroform	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	0.5								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	0.5								
Dibromochloromethane	ND	1								
Tetrachloroethene	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
Bromoform	ND	1								
o-Xylene	ND	0.5								
1,1,2,2-Tetrachloroethane	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
1,2-Dichlorobenzene	ND	1								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	10		10		100	70	130			
Surr: Toluene-d8	9.27		10		93	70	130			
Surr: 4-Bromofluorobenzene	9.07		10		91	70	130			

### Laboratory Control Spike

Type LCS

Test Code: EPA Method 624/8260

File ID: C:\HPCHEMMS06\DATA\150315\15031503.D

Batch ID: MS06W0315A

Analysis Date: 03/15/2015 10:37

Sample ID: LCS MS06W0315A

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 10:37

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	11.7	1	10		117	80	120			
Methyl tert-butyl ether (MTBE)	10.9	0.5	10		109	63	137			
Benzene	10.3	0.5	10		103	70	130			
Trichloroethene	11.3	1	10		113	68	138			
Toluene	10.6	0.5	10		106	80	120			
Chlorobenzene	11.4	1	10		114	70	130			
Ethylbenzene	10.8	0.5	10		108	80	120			
m,p-Xylene	11.1	0.5	10		111	65	139			
o-Xylene	11	0.5	10		110	70	130			
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	9.87		10		99	70	130			
Surr: 4-Bromofluorobenzene	9.65		10		97	70	130			



# Alpha Analytical, Inc.

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

Date:  
17-Mar-15

## QC Summary Report

Work Order:  
15031146

### Sample Matrix Spike

Type MS Test Code: EPA Method 624/8260

File ID: C:\HPCHEMMS06\DATA\150315\15031520.D

Batch ID: MS06W0315A

Analysis Date: 03/15/2015 17:17

Sample ID: 15031146-01AMS

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 17:17

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	58.8	2.5	50	0	118	62	133			
Methyl tert-butyl ether (MTBE)	57.2	1.3	50	0	114	56	140			
Benzene	51.4	1.3	50	0	103	67	134			
Trichloroethene	55.2	2.5	50	0	110	68	138			
Toluene	51.6	1.3	50	0	103	38	130			
Chlorobenzene	56.6	2.5	50	0	113	70	130			
Ethylbenzene	53	1.3	50	0	106	70	130			
m,p-Xylene	53.5	1.3	50	0	107	65	139			
o-Xylene	53.7	1.3	50	0	107	69	130			
Surr: 1,2-Dichloroethane-d4	55.2		50		110	70	130			
Surr: Toluene-d8	48.1		50		96	70	130			
Surr: 4-Bromofluorobenzene	47.7		50		95	70	130			

### Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method 624/8260

File ID: C:\HPCHEMMS06\DATA\150315\15031521.D

Batch ID: MS06W0315A

Analysis Date: 03/15/2015 17:40

Sample ID: 15031146-01AMS

Units: µg/L

Run ID: MSD\_06\_150315A

Prep Date: 03/15/2015 17:40

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	55.1	2.5	50	0	110	62	133	58.75	6.5(35)	
Methyl tert-butyl ether (MTBE)	57.6	1.3	50	0	115	56	140	57.24	0.6(40)	
Benzene	50.6	1.3	50	0	101	67	134	51.36	1.5(21)	
Trichloroethene	55.1	2.5	50	0	110	68	138	55.23	0.2(20)	
Toluene	51.6	1.3	50	0	103	38	130	51.56	0.1(20)	
Chlorobenzene	56	2.5	50	0	112	70	130	56.55	1.1(20)	
Ethylbenzene	52.7	1.3	50	0	105	70	130	53.03	0.7(20)	
m,p-Xylene	53.9	1.3	50	0	108	65	139	53.47	0.7(20)	
o-Xylene	54.1	1.3	50	0	108	69	130	53.71	0.6(20)	
Surr: 1,2-Dichloroethane-d4	53.3		50		107	70	130			
Surr: Toluene-d8	49.4		50		99	70	130			
Surr: 4-Bromofluorobenzene	47.2		50		94	70	130			

### Comments:

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

AMENDED

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

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

WorkOrder : STR15031146
Report Due By : 5:00 PM On : 18-Mar-15

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

Table with 3 columns: Report Attention, Phone Number, Email Address. Row 1: Scott Bittinger, (530) 676-2062 x, sbittinger@stratusinc.net

EDD Required : Yes

Sampled by : C. Hill

PO :
Client's COC # : 16143 Job : Grit Auto

Table with 3 columns: Cooler Temp, Samples Received, Date Printed. Row 1: 0 °C, 11-Mar-15, 12-Mar-15

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

Main data table with columns: Alpha Sample ID, Client Sample ID, Matrix, Collection Date, No. of Bottles (Alpha, Sub, TAT), Requested Tests (TPHP\_W, VOC\_W, GAS-C, 8260/Naph/M\_Cs), Sample Remarks

Comments: Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. Amended on 3/12/15 to change 8260 analysis from soil to aqueous do to login error. JA :

Signature block table with columns: Signature, Print Name, Company, Date/Time. Row 1: [Signature], JESSICA AWARADO, Alpha Analytical, Inc., 3/12/15 1050

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

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

# CA

**WorkOrder : STR15031146**  
**Report Due By : 5:00 PM On : 18-Mar-15**

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :


Cooler Temp	Samples Received	Date Printed
0 °C	11-Mar-15	11-Mar-15

Client's COC # : 16143 Job : Gritit Auto

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

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests							Sample Remarks			
				Alpha	Sub	TAT	TPH/P_W	VOC_8									
STR15031146-01A	Grim W GAC1	AQ	03/10/15 09:18	6	0	5	GAS-C	8260/Naph/M_Cs									

Comments: Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	3/11/15 10:35

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

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other



Company: Stank's  
 Attn: Debbie  
 Address: 3337 Cameron Pk Dr  
Cameron Pk  
 City, State, Zip: 530626004 Fax: 530626004



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamolle Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0408  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-388-7043  
 Phone: 702-281-4848

16143

Page # 1 of 1

Company: Stank's Job and Purchase Order Info: Job #: Grimit Auto Report Attention/Project Manager: Scott QC Deliverable Info:  
 Address: \_\_\_\_\_ Job Name: \_\_\_\_\_ Name: \_\_\_\_\_ EDD Required? Yes / No EDF Required? Yes / No  
 City, State, Zip: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Email Address: \_\_\_\_\_ Global ID: T0600100667  
 Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other Cell #: \_\_\_\_\_ Data Validation Packages: III or IV

Time Sampled (H:MM)	Date Sampled (MM/DD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Analysis Requested							Remarks	
							Field Filtered?	ORO	BKX	MTBE	1,2,DCM	GasThylene	VOCs *		Yes
0922	3/15	AQ		Grim W INF	STD		X		X	X	X	X	X		
0916	)	)		Grim W GAL	STD		X		X	X	X	X	X		
0913	)	AQ		Grim W EFF	24		X		X	X	X	X	X		

ADDITIONAL INSTRUCTIONS: \* VOCs including PCE, TCE, Vinyl chloride

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 445.0836 (c) (2).

Sampled By: <u>PHILE</u> <u>Debbie Stank</u>	Date: <u>3/10/15</u>	Time: <u>1200</u>	Received by: (Signature/Affiliation): <u>MENESSA</u>	Date: <u>3-10-15</u>	Time: <u>1200</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date: <u>3/11/15</u>	Time: <u>1010</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	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.



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bittinger  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 03/11/15

Job: Grit Auto

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

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: Grim W EFF Lab ID: STR15031144-01A Date Sampled 03/10/15 09:13	TPH-P (GRO) ND	50 µg/L	03/12/15	03/12/15

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.



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

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

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

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



*PS*

3/12/15

Report Date



# Alpha Analytical, Inc.

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

## ANALYTICAL REPORT

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

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

Alpha Analytical Number: STR15031144-01A  
Client I.D. Number: Grim W EFF

Sampled: 03/10/15 09:13  
Received: 03/11/15  
Extracted: 03/12/15  
Analyzed: 03/12/15

### Volatile Organics by GC/MS EPA Method 624/8260

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

ND = Not Detected



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



*PSJ*

3/12/15

Report Date

Page 1 of 1

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

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



# Alpha Analytical, Inc.

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

## VOC Sample Preservation Report

Work Order: STR15031144

Job: Grimit Auto

Alpha's Sample ID	Client's Sample ID	Matrix	pH
15031144-01A	Grim W EFF	Aqueous	2

3/12/15  
Report Date



# Alpha Analytical, Inc.

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

Date:  
16-Mar-15

## QC Summary Report

Work Order:  
15031144

### Method Blank

File ID: 15031205.D

Type MBLK

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0312B

Analysis Date: 03/12/2015 12:39

Sample ID: MBLK MS15W0312B

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 12:39

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	10.5		10		105	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

### Laboratory Control Spike

File ID: 15031204.D

Type LCS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0312B

Analysis Date: 03/12/2015 12:10

Sample ID: GLCS MS15W0312B

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 12:10

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	391	50	400		98	70	130			
Surr: 1,2-Dichloroethane-d4	11		10		110	70	130			
Surr: Toluene-d8	9.73		10		97	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

### Sample Matrix Spike

File ID: 15031228.D

Type MS

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0312B

Analysis Date: 03/12/2015 22:00

Sample ID: 15031147-01AGS

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 22:00

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1970	250	2000		0 99	54	143			
Surr: 1,2-Dichloroethane-d4	56.4		50		113	70	130			
Surr: Toluene-d8	48.4		50		97	70	130			
Surr: 4-Bromofluorobenzene	49.5		50		99	70	130			

### Sample Matrix Spike Duplicate

File ID: 15031229.D

Type MSD

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS15W0312B

Analysis Date: 03/12/2015 22:25

Sample ID: 15031147-01AGSD

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 22:25

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2060	250	2000		0 103	54	143	1971	4.3(23)	
Surr: 1,2-Dichloroethane-d4	56.9		50		114	70	130			
Surr: Toluene-d8	49.6		50		99	70	130			
Surr: 4-Bromofluorobenzene	50.3		50		101	70	130			

### Comments:

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

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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

## QC Summary Report

Work Order:  
15031144

Date:  
16-Mar-15

Method Blank  
File ID: 15031205.D

Type MBLK Test Code: EPA Method 624/8260

Batch ID: MS15W0312A

Analysis Date: 03/12/2015 12:39

Sample ID: MBLK MS15W0312A

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 12:39

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	2								
Vinyl chloride	ND	1								
Chloroethane	ND	1								
Bromomethane	ND	2								
Trichlorofluoromethane	ND	1								
1,1-Dichloroethene	ND	1								
Dichloromethane	ND	2								
trans-1,2-Dichloroethene	ND	1								
Methyl tert-butyl ether (MTBE)	ND	0.5								
1,1-Dichloroethane	ND	1								
cis-1,2-Dichloroethene	ND	1								
Chloroform	ND	1								
1,2-Dichloroethane	ND	1								
1,1,1-Trichloroethane	ND	1								
Carbon tetrachloride	ND	1								
Benzene	ND	0.5								
1,2-Dichloropropane	ND	1								
Trichloroethene	ND	1								
Bromodichloromethane	ND	1								
cis-1,3-Dichloropropene	ND	1								
trans-1,3-Dichloropropene	ND	1								
1,1,2-Trichloroethane	ND	1								
Toluene	ND	0.5								
Dibromochloromethane	ND	1								
Tetrachloroethene	ND	1								
Chlorobenzene	ND	1								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
Bromoform	ND	1								
o-Xylene	ND	0.5								
1,1,2,2-Tetrachloroethane	ND	1								
1,3-Dichlorobenzene	ND	1								
1,4-Dichlorobenzene	ND	1								
1,2-Dichlorobenzene	ND	1								
Naphthalene	ND	2								
Surr: 1,2-Dichloroethane-d4	10.5		10		105	70	130			
Surr: Toluene-d8	10		10		100	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

Laboratory Control Spike  
File ID: 15031203.D

Type LCS Test Code: EPA Method 624/8260

Batch ID: MS15W0312A

Analysis Date: 03/12/2015 11:46

Sample ID: LCS MS15W0312A

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 11:46

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	9.78	1	10		98	80	120			
Methyl tert-butyl ether (MTBE)	8.47	0.5	10		85	63	137			
Benzene	9.4	0.5	10		94	70	130			
Trichloroethene	10.8	1	10		108	68	138			
Toluene	10.7	0.5	10		107	80	120			
Chlorobenzene	12.1	1	10		121	70	130			
Ethylbenzene	10.1	0.5	10		101	80	120			
m,p-Xylene	11	0.5	10		110	65	139			
o-Xylene	10.9	0.5	10		109	70	130			
Surr: 1,2-Dichloroethane-d4	9.49		10		95	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	9.98		10		99.8	70	130			



# Alpha Analytical, Inc.

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

Date:  
16-Mar-15

## QC Summary Report

Work Order:  
15031144

### Sample Matrix Spike

File ID: 15031226.D

Type MS

Test Code: EPA Method 624/8260

Batch ID: MS15W0312A

Analysis Date: 03/12/2015 21:12

Sample ID: 15030446-02AMS

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 21:12

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	39.5	2.5	50	0	79	62	133			
Methyl tert-butyl ether (MTBE)	48.3	1.3	50	0	97	56	140			
Benzene	41	1.3	50	0	82	67	134			
Trichloroethene	42.8	2.5	50	0	86	68	138			
Toluene	43.4	1.3	50	0	87	38	130			
Chlorobenzene	51	2.5	50	0	102	70	130			
Ethylbenzene	38.9	1.3	50	0	78	70	130			
m,p-Xylene	42.1	1.3	50	0	84	65	139			
o-Xylene	44.3	1.3	50	0	89	69	130			
Surr: 1,2-Dichloroethane-d4	54.7		50		109	70	130			
Surr: Toluene-d8	48.7		50		97	70	130			
Surr: 4-Bromofluorobenzene	49.1		50		98	70	130			

### Sample Matrix Spike Duplicate

File ID: 15031227.D

Type MSD

Test Code: EPA Method 624/8260

Batch ID: MS15W0312A

Analysis Date: 03/12/2015 21:36

Sample ID: 15030446-02AMSD

Units: µg/L

Run ID: MSD\_15\_150312A

Prep Date: 03/12/2015 21:36

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	37.7	2.5	50	0	75	62	133	39.54	4.8(35)	
Methyl tert-butyl ether (MTBE)	46.2	1.3	50	0	92	56	140	48.33	4.6(40)	
Benzene	39.1	1.3	50	0	78	67	134	41	4.8(21)	
Trichloroethene	41.7	2.5	50	0	83	68	138	42.82	2.8(20)	
Toluene	42.1	1.3	50	0	84	38	130	43.37	3.0(20)	
Chlorobenzene	49.3	2.5	50	0	99	70	130	51.01	3.4(20)	
Ethylbenzene	38.7	1.3	50	0	77	70	130	38.88	0.5(20)	
m,p-Xylene	42.2	1.3	50	0	84	65	139	42.12	0.2(20)	
o-Xylene	43.3	1.3	50	0	87	69	130	44.27	2.2(20)	
Surr: 1,2-Dichloroethane-d4	54.1		50		108	70	130			
Surr: Toluene-d8	49.4		50		99	70	130			
Surr: 4-Bromofluorobenzene	49.8		50		99.5	70	130			

#### Comments:

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

AMENDED

Billing Information :

### CHAIN-OF-CUSTODY RECORD

CA RUSH! Page: 1 of 1

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

WorkOrder : STR15031144  
 Report Due By : 5:00 PM On : 12-Mar-15

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :  
 Client's COC # : 16143 Job : Gritmit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	11-Mar-15	12-Mar-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests								Sample Remarks				
				TPHP_W	VOC_W											
STR15031144-01A	Grim W EFF	AQ	03/10/15 09:13	6	0	1	GAS-C	8260/Naph/M _Cs								

Comments: 24hr TAT. Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. Amended on 3/12/15 to change 8260 analysis from soil to aqueous do to login error. JA

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	3/12/15 10:50

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



Billing Information :

# CHAIN-OF-CUSTODY RECORD **RUSH!**

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

**WorkOrder : STR15031144**  
**Report Due By : 5:00 PM On : 12-Mar-15**

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

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

EDD Required : Yes

Sampled by : C. Hill

PO :  
 Client's COC # : 16143 Job : Gritmit Auto

Cooler Temp	Samples Received	Date Printed
0 °C	11-Mar-15	11-Mar-15

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha	No. of Bottles Sub	TAT	Requested Tests							Sample Remarks			
						TPHP_W	VOC_S									
STR15031144-01A	Grim W EFF	AQ	03/10/15 09:13	6	0	1	GAS-C	8260/Naph/M _Cs								

Comments: 24hr TAT. Security seals intact. Frozen ice. Chain split into three separate work orders due to different TAT. :

Signature	Print Name	Company	Date/Time
	JESSICA ALVARADO	Alpha Analytical, Inc.	3/11/15 1020

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

Company: Stroker  
 Attn: Debbie  
 Address: 3350 Cameron Pl Dr  
Cameron Pl  
 City, State, Zip: 530676004 Fax: 530676005  
 Phone Number:



Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746  
 Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801  
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044  
 Fax: 775-355-0488  
 Phone: 916-366-9089  
 Phone: 714-386-2901  
 Phone: 775-380-7043  
 Phone: 702-281-4848

16143

Page # 1 of 1

Company: Stroker Job and Purchase Order Info: Job # Grimit Auto Report Attention/Project Manager: SCOTT QC Deliverable Info: EDD Required? Yes / No EDF Required? Yes / No  
 Address: \_\_\_\_\_ Job Name: \_\_\_\_\_ Name: \_\_\_\_\_ Email Address: \_\_\_\_\_ Global ID: TO600100667  
 City, State, Zip: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Phone #: \_\_\_\_\_ Cell #: \_\_\_\_\_  
 Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other Data Validation Packages: III or IV

Time Sampled (HH:MM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers* (See Key Below)	Analysis Requested							Remarks
							Field Filtered?	GIRO	BKX	MTBA	1,2,4-DCA	Napthalene	VOCS*	
0922	5/18	AR		Grim W IWF	STD		X	✓	✓	✓	✓	✓	✓	
0916	)	)		Grim W GHL	STD		X	✓	✓	✓	✓	✓	✓	
0913	)	AR	SIRB0114	Grim W EFF	24		X	✓	✓	✓	✓	✓	✓	

ADDITIONAL INSTRUCTIONS: \* VOCS including PCE, TCE, Vinylchloride

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>PHILL</u>	Date: <u>3/10/15</u>	Time: <u>1200</u>	Received by: (Signature/Affiliation): <u>Menissa F</u>	Date: <u>3-10-15</u>	Time: <u>1200</u>
Relinquished by: (Signature/Affiliation): <u>John Stator</u>	Date:	Time:	Received by: (Signature/Affiliation):	Date: <u>3/11/15</u>	Time: <u>1000</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	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.