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

January 28, 2008
Project No. 2007-0057-01

Ms. Mirtha Ninayahuar
East Bay Municipal Utility District
Environmental Services Division, MS 702
P.O. Box 24055
Oakland, CA 94623-1055

Re:　Self-Monitoring Report for July 2007 to December 2007
　　　Permit Number: 5054635 2
　　　Former USA Station No. 57
　　　10700 MacArthur Boulevard
　　　Oakland, California

Dear Ms. Ninayahuar:

Stratus Environmental Inc. (Stratus) has prepared this report, on behalf of Moller Investment Group, Inc. (MIGI), to present the results of a dual phase extraction (DPE) and air sparge (AS) event conducted during the second half of 2007 at former USA Station No. 57, located at 10700 MacArthur Boulevard, Oakland, California. This report has been prepared in accordance with the requirements identified in the East Bay Municipal Utility District (EBMUD) *Wastewater Discharge Permit* (dated May 31, 2005).

One DPE-AS petroleum hydrocarbon mass removal event was completed at the site during the self-monitoring period of July through December 2007 (per EBMUD Permit No. 5054635 2). The DPE-AS event was conducted between September 4, 2007 and November 14, 2007. During the DPE-AS event, petroleum hydrocarbon laden soil vapors and groundwater were concurrently extracted from multiple wells using a 15-horsepower (hp) liquid ring pump of a CBA Equipment, LLC (CBA) DPE system. Soil vapors and groundwater were separated in a 100-gallon knockout tank, situated on the trailer-mounted DPE system. Groundwater from the knockout tank was then treated on-site using two 500 pound (lb) granular activated carbon (GAC) vessels, in series, containing virgin coconut shell carbon; the treated groundwater was discharged to the EBMUD sanitary sewer system. The soil vapors were abated in the thermal oxidizer of the DPE system prior to discharge to the atmosphere.

FLOW SUMMARY

September to November 2007 DPE-AS Event

This DPE-AS event was conducted between September 4, 2007, and November 14, 2007, for 779.50 hours (approximately 32.48 days). The DPE-AS system was unable to operate continuously due to frequent malfunctions of the propane generator used to power the control panel of the DPE system. During this event, approximately 690 gallons of groundwater were extracted, treated, and discharged to the sanitary sewer (Table 1). The treated groundwater was discharged to the sanitary sewer at flow rates in the range of 0.01 to 0.37 gallons per minute (gpm).

ANALYTICAL RESULTS

September to November 2007 DPE-AS Event

Four influent and two effluent water samples were collected between September 4, 2007 and November 14, 2007, and forwarded to Alpha Analytical, Inc. (ELAP #2019) for chemical analysis. These water samples were analyzed for gasoline range organics (GRO) using United States Environmental Protection Agency (USEPA) Method SW8015B, and for benzene, toluene, ethyl benzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary amyl ether (TAME) using USEPA Method 8260B. Certified analytical reports with chain-of-custody documentation are included in Appendix A.

Petroleum hydrocarbons and fuel oxygenates were not reported in any of the effluent water samples collected during this DPE-AS event. GRO, benzene, and MTBE concentrations in the influent water samples ranged from 51 to 470 micrograms per liter (μg/L), 9.2 to 140 μg/L, and 3.8 to 230 μg/L, respectively (Table 2).

DISCUSSION

One DPE-AS event was conducted at the site during the self-monitoring period for July through December 2007 (per EBMUD Permit No. 5054635 2), to reduce the petroleum hydrocarbon mass. A total of approximately 690 gallons of treated groundwater were discharged to the sanitary sewer during this reporting period. Petroleum hydrocarbons or fuel oxygenates were not reported in any of the effluent water samples collected during the DPE-AS event. The DPE system operated in compliance with the EBMUD permit requirements.

Stratus will likely conduct an additional DPE-AS event once an alternative power supply can be obtained at the site. Stratus has requested electrical service for the site from Pacific Gas and Electric (PG&E).

Certification

"I certify under the penalty of law that this document and all 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, the information 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 or both."

If you have any questions or comments, please call Scott Bittinger at (530) 676-2062.

Sincerely,

STRATUS ENVIRONMENTAL INC.,

Sonia Nandi
Sonia Nandi
Staff Engineer

Scott G. Bittinger, P.G.
Project Manager

Attachments:

Table 1   DPE-AS Event Field Observation Summary, September to November 2007
Table 2   Groundwater Analytical Results, September to November 2007
Appendix A   Certified Analytical Reports with Chain-of-Custody Documentation

cc: Mr. Charles Miller, Moller Investment Group, Inc.
       Mr. Barney Chan, Alameda County Health Care Services
       Mr. John Jay, Jay-Phares Corporation
       Mr. Peter McIntyre, AEI Consultants

TABLE 1
DPE-AS EVENT FIELD OBSERVATION SUMMARY, September to November 2007
Former USA Station No. 57
10700 MacArthur Boulevard
Oakland, California

Date	Hour Meter Reading	TE days	Appl Vac "Hg	Air Flow[1] cfm	Totalizer Reading gallons	GW Ext Rate gpm	Inf PID ppmv	Oper Temp deg F	Depth to Water, feet bgs and Induced Vacuum, "WC										
									S-1		S-2		MW-3		MW-7		MW-8	
									DTW	DD	DTW	DD	DTW	DD	DTW	DD	DTW	DD
9/4/07 5:45	NM	NM	NM	NM	NM	NM	NM	NM	18.57	--	20.69	--	15.43	--	17.60	--	19.55	--
9/4/07 9:40	Begin DPE-AS event using wells EX-1 through EX-4 and AS-1 through AS-2. Hour Meter Reading = 11,489.50. Totalizer reading = 199,300 gallons																	
9/4/07 9:40	11,489.50	0.00	15.00	93.3	199,307	--	NM	NM	NM	--	NM	--	NM	--	NM	--	NM	--
9/4/07 10:15	11,490.50	0.04	15.00	98.2	199,320	0.22	230	1,490	NM	--	NM	--	NM	--	NM	--	NM	--
9/4/06 11:15	11,491.40	0.08	14.00	103.1	199,340	0.37	140	1,450	NM	--	NM	--	NM	--	NM	--	NM	--
9/11/07 10:15	11,524.00	1.44	12.00	122.8	199,410	0.04	160	1,450	NM	--	NM	--	NM	--	NM	--	NM	--
9/17/07 5:45	11,592.60	4.30	10.00	122.8	199,550	0.03	139	1,483	NM	--	NM	--	NM	--	NM	--	NM	--
9/18/07 4:15	11,616.70	5.30	NM	NM	199,550	0.00	NM	NM	18.80	0.23	20.94	0.25	16.10	0.67	17.78	0.18	23.69	4.14
9/20/07 5:00	11,640.00	6.27	NM	98.2	199,550	0.00	418	1,538	NM	--	NM	--	NM	--	NM	--	NM	--
9/25/07 9:00	11,668.10	7.44	14.00	103.1	199,630	0.05	400	1,527	NM	--	NM	--	NM	--	NM	--	NM	--
10/2/07 5:00	11,730.00	10.02	NM	NM	NM	--	NM	NM	19.12	0.55	21.33	0.64	16.40	0.97	18.11	0.51	20.2	0.69
10/3/07 5:30	11,762.20	11.36	8.00	132.6	199,690	0.01	1,060	1,480	NM	--	NM	--	NM	--	NM	--	NM	--
10/5/07 5:00	11,808.80	13.30	NM	NM	199,690	--	NM	NM	NM	--	NM	--	NM	--	NM	--	NM	--
10/11/07 7:00	11,862.00	15.52	11.00	122.8	199,770	0.03	90	1,460	NM	--	NM	--	NM	--	NM	--	NM	--
10/15/07 4:50	11,960.30	19.62	NM	NM	199,830	0.01	NM	NM	19.22	0.65	21.32	0.63	16.45	1.02	18.29	0.69	20.4	0.81
10/17/07 8:00	11,972.00	20.10	11.00	103.1	199,830	--	300	1,497	NM	--	NM	--	NM	--	NM	--	NM	--
10/30/07 8:50	12,101.00	25.48	14.50	117.9	199,920	0.01	69	1,450	NM	--	NM	--	NM	--	NM	--	NM	--
11/6/07 7:00	12,108.00	25.77	12.00	117.9	199,990	0.17	347	1,485	NM	--	NM	--	NM	--	NM	--	NM	--
11/14/07 6:00	12,269.00	32.48	NM	NM	NM	--	NM	NM	NM	--	NM	--	NM	--	NM	--	NM	--
11/14/07 20:00	Discontinue DPE-AS event.																	
Average	--	--	12.41	111.31	--	0.08	304.82	1,483										
Distance to Nearest Extraction Well, feet									20		27		15		33		62	
Screening Interval : EX-1=EX-2=EX-3=EX-4= 5 to 25 feet bgs									20 - 40		20 - 40		24 - 44		10 - 40		10 - 35	

TABLE 1
DPE-AS EVENT FIELD OBSERVATION SUMMARY, September to November 2007
Former USA Station No. 57
10700 MacArthur Boulevard
Oakland, California

Date	Hour Meter Reading	TE days	Appl Vac "Hg	Air Flow[1] cfm	Totalizer Reading gallons	GW Ext Rate gpm	Inf PID ppmv	Oper Temp deg F	Depth to Water, feet bgs and Induced Vacuum, "WC										
									S-1		S-2		MW-3		MW-7		MW-8	
									DTW	DD	DTW	DD	DTW	DD	DTW	DD	DTW	DD

Notes:

TE - Time Elapsed calculated as difference of hour meter readings, days

Appl - Applied

Oper - Operating

Inf - Influent

Vac - Vacuum

DTW - depth to groundwater

GW Ext Rate = Difference of Totalizer Readings, gallons

cfm - cubic feet per minute

Inf - Influent

DD - Drawdown

gpm - gallons per minute

" Hg - Inches mercury

Temp - Temperature

deg F - degree Fahrenheit

PID - Phto Ionization Detector

ppmv - parts per million by volume

NM - Not measured

[1] Flow rate measured using a digital anemometer at 3" diameter steel pipe;
flow rate = velocity x area of pipe (e.g. flow rate = 600 feet per minute x 0.05 square feet)

TABLE 2
GROUNDWATER ANALYTICAL RESULTS, September to November 2007
Former USA Station No. 57
10700 MacArthur Boulevard
Oakland, California

Sample Date	Sample Time	Sample ID	GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME
09/04/07	10:15	INF	470	25	2.9	10	19	230	120	<1.0	<1.0	<1.0
10/03/07	5:30	0057WINF	51	9.2	0.63	<0.50	1.82	5.4	19	<1.0	<1.0	<1.0
10/11/07	6:35	USA57 W INF	120	25	1.6	3.3	8.7	3.8	18	<1.0	<1.0	<1.0
10/11/07	6:30	USA57 W EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
11/06/07	7:35	00057 W INF	430	140	33	9.6	61	9.0	41	<2.0[1]	<2.0[1]	<2.0[1]
11/06/07	7:30	00057 W EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:
All water sample values reported in micrograms per liter (μg/L)
GRO = Gasoline Range Organics C4-C13
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
MTBE = Methyl tertiary butyl ether
TBA = Tertiary butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether

Analytical Laboratory
Alpha Analytical , Inc. (ELAP #2019)

Analytical Methods
GRO analyzed by EPA Method SW8015B/DHS LUFT Manual
BTEX, MTBE, TBA, DIPE, ETBE, & TAME analyzed by
EPA Method SW8260B

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

STRATUS

APPENDIX A

CERTIFIED ANALYTICAL REPORTS WITH 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 : 09/05/07

Job#: USA 57

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

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH-P (GRO)	470	50 µg/L	09/04/07	09/07/07
INF	Tertiary Butyl Alcohol (TBA)	120	10 µg/L	09/04/07	09/07/07
Lab ID :	Methyl tert-butyl ether (MTBE)	230	0.50 µg/L	09/04/07	09/07/07
STR07090555-01A	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	09/04/07	09/07/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	09/04/07	09/07/07
	Benzene	25	0.50 µg/L	09/04/07	09/07/07
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	09/04/07	09/07/07
	Toluene	2.9	0.50 µg/L	09/04/07	09/07/07
	Ethylbenzene	10	0.50 µg/L	09/04/07	09/07/07
	m,p-Xylene	14	0.50 µg/L	09/04/07	09/07/07
	o-Xylene	5.0	0.50 µg/L	09/04/07	09/07/07

Gasoline Range Organics (GRO) C4-C13

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

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 / info@alpha-analytical.com

9/12/07
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: STR07090555   **Project:** USA 57

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07090555-01A	INF	Aqueous	2

Alpha Analytical, Inc.

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

Date:	QC Summary Report	Work Order:
11-Sep-07		07090555

Method Blank

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090707.D** Batch ID: **MS07W0907B** Analysis Date: **09/07/2007 11:13**

Sample ID: **MBLK MS07W0907A** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.5		10		95	75	128			
Surr: Toluene-d8	10.1		10		101	80	120			
Surr: 4-Bromofluorobenzene	9.81		10		98	80	120			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090703.D** Batch ID: **MS07W0907B** Analysis Date: **09/07/2007 09:44**

Sample ID: **GLCS MS07W0907B** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	369	50	400		92	70	130			
Surr: 1,2-Dichloroethane-d4	9.6		10		96	75	128			
Surr: Toluene-d8	10.1		10		101	80	120			
Surr: 4-Bromofluorobenzene	10		10		100	80	120			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090712.D** Batch ID: **MS07W0907B** Analysis Date: **09/07/2007 13:05**

Sample ID: **07090451-06AGS** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1580	250	2000	0	79	60	131			
Surr: 1,2-Dichloroethane-d4	46.7		50		93	75	128			
Surr: Toluene-d8	50.1		50		100	80	120			
Surr: 4-Bromofluorobenzene	51.1		50		102	80	120			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090713.D** Batch ID: **MS07W0907B** Analysis Date: **09/07/2007 13:27**

Sample ID: **07090451-06AGSD** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1740	250	2000	0	87	60	131	1583	9.7(20)	
Surr: 1,2-Dichloroethane-d4	47.3		50		95	75	128			
Surr: Toluene-d8	50.3		50		101	80	120			
Surr: 4-Bromofluorobenzene	49.5		50		99	80	120			

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: 11-Sep-07	QC Summary Report	Work Order: 07090555

Method Blank

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090707.D**

Batch ID: **MS07W0907A** Analysis Date: **09/07/2007 11:13**

Sample ID: **MBLK MS07W0907A** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9.5		10		95	75	128			
Surr: Toluene-d8	10.1		10		101	80	120			
Surr: 4-Bromofluorobenzene	9.81		10		98	80	120			

Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090704.D**

Batch ID: **MS07W0907A** Analysis Date: **09/07/2007 10:06**

Sample ID: **LCS MS07W0907A** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.59	0.5	10		96	70	130			
Benzene	9.27	0.5	10		93	70	130			
Toluene	9.38	0.5	10		94	80	120			
Ethylbenzene	9.12	0.5	10		91	80	120			
m,p-Xylene	9.18	0.5	10		92	70	130			
o-Xylene	9.38	0.5	10		94	70	130			
Surr: 1,2-Dichloroethane-d4	9.44		10		94	75	128			
Surr: Toluene-d8	10.2		10		102	80	120			
Surr: 4-Bromofluorobenzene	9.96		10		99.6	80	120			

Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090710.D**

Batch ID: **MS07W0907A** Analysis Date: **09/07/2007 12:20**

Sample ID: **07090451-06AMS** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

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	62	139			
Benzene	45.5	1.3	50	0	91	70	130			
Toluene	45.2	1.3	50	0	90	67	130			
Ethylbenzene	42.8	1.3	50	0	86	70	130			
m,p-Xylene	43.3	1.3	50	0	87	69	130			
o-Xylene	45.8	1.3	50	0	92	70	130			
Surr: 1,2-Dichloroethane-d4	46		50		92	75	128			
Surr: Toluene-d8	50.9		50		102	80	120			
Surr: 4-Bromofluorobenzene	50.3		50		101	80	120			

Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS07\DATA\070907\07090711.D**

Batch ID: **MS07W0907A** Analysis Date: **09/07/2007 12:43**

Sample ID: **07090451-06AMSD** Units : **µg/L** Run ID: **MSD_07_070907A** Prep Date: **09/07/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	50.1	1.3	50	0	100	62	139	48.51	3.2(20)	
Benzene	45.6	1.3	50	0	91	70	130	45.54	0.2(20)	
Toluene	45.5	1.3	50	0	91	67	130	45.22	0.6(20)	
Ethylbenzene	43.8	1.3	50	0	88	70	130	42.76	2.5(20)	
m,p-Xylene	43.9	1.3	50	0	88	69	130	43.28	1.3(20)	
o-Xylene	46.1	1.3	50	0	92	70	130	45.82	0.6(20)	
Surr: 1,2-Dichloroethane-d4	47.1		50		94	75	128			
Surr: Toluene-d8	50.5		50		101	80	120			
Surr: 4-Bromofluorobenzene	50.1		50		100	80	120			

Alpha Analytical, Inc.

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

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

Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21   Sparks, Nevada 89431-5778

TEL: (775) 355-1044   FAX: (775) 355-0406

WorkOrder : STR07090555

Report Due By : 5:00 PM   On : 13-Sep-07

Client:

Stratus Environmental

3330 Cameron Park Drive

Suite 550

Cameron Park, CA 95682-8861

Scott Bittinger	
TEL :	(530) 676-2062 x
FAX :	(530) 676-6005
EMail	sbittinger@stratusinc.net

EDD Required : **Yes**

Sampled by : C. Hill

Report Attention : Scott Bittinger	Job : USA 57		Cooler Temp	Samples Received	Date Printed
CC Report :	PO :	Client's COC # : 10041	4 °C	05-Sep-07	**05-Sep-07**

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles ORG	SUB	TAT	PWS #	Requested Tests TPH/P_W	VOC_W								Sample Remarks
STR07090555-01A	INF	AQ	09/04/07 10:15	5	0	6		GAS-C	BTEX/OXY_C								

Comments: Security seals intact. Frozen ice. Send copy of receipt checklist with final report. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Tara Dickinson	Tara Dickinson	Alpha Analytical, Inc.	9/5/07 1049

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:

Name Stratus Env

Address 3380 Cameron Pte DR

City, State, Zip Cameron Pte CA

Phone Number 5302666004 Fax 5306766005

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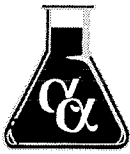Phone (775) 355-1044
Fax (775) 355-0406

Analyses Required

10041

Client Name					P.O. #		Job #						Required QC Level?
USA 57													
Address					EMail Address								I II III IV
City, State, Zip Oakland					Phone #		Fax #						
													EDD / EDF? YES ___ NO ___

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only Lab ID Number	Sampled by CHILL	Report Attention Scott	TAT	Field Filtered	Total and type of containers ** See below	GRO-BTEX 8oxys					REMARKS
1015	9/3/	AQ	STR07090SSS-01	INF		5d		5.V	X	X				

Global ID # _____

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by		CHILL	Stratus	9/3/07	1515
Received by		Mike Gittlanso	Alpha	9/4/07	1515
Relinquished by					
Received by	Cris Dickinson	Tave Dickinson	alpha	9/5/07	1049
Relinquished by					
Received by					

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

NOTE: Samples are discarded 60 days after 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.

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FILE COPY

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   10/04/07

OCT 2 2 2007

Job#:   2007-0057-01/USA 57

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

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH-P (GRO)	51	50 µg/L	10/03/07	10/05/07
0057WINF	Tertiary Butyl Alcohol (TBA)	19	10 µg/L	10/03/07	10/05/07
Lab ID :	Methyl tert-butyl ether (MTBE)	5.4	0.50 µg/L	10/03/07	10/05/07
STR07100432-01A	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	10/03/07	10/05/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	10/03/07	10/05/07
	Benzene	9.2	0.50 µg/L	10/03/07	10/05/07
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	10/03/07	10/05/07
	Toluene	0.63	0.50 µg/L	10/03/07	10/05/07
	Ethylbenzene	ND	0.50 µg/L	10/03/07	10/05/07
	m,p-Xylene	1.1	0.50 µg/L	10/03/07	10/05/07
	o-Xylene	0.72	0.50 µg/L	10/03/07	10/05/07

Gasoline Range Organics (GRO) C4-C13

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

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 / info@alpha-analytical.com

10/10/07
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: STR07100432   **Project:** 2007-0057-01/USA 57

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07100432-01A	0057WINF	Aqueous	2

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QC Summary Report

Method Blank
Type **MBLK**   Test Code: **EPA Method SW8015B**

File ID: **D:\HPCHEM\MS09\DATA\071005\07100504.D**   Batch ID: **MS09W1005B**   Analysis Date: **10/05/2007 13:04**

Sample ID: **MBLK MS09W1005B**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

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	75	128			
Surr: Toluene-d8	10.5		10		105	80	120			
Surr: 4-Bromofluorobenzene	10.6		10		106	80	120			

Laboratory Control Spike
Type **LCS**   Test Code: **EPA Method SW8015B**

File ID: **D:\HPCHEM\MS09\DATA\071005\07100503.D**   Batch ID: **MS09W1005B**   Analysis Date: **10/05/2007 12:41**

Sample ID: **GLCS MS09W1005B**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	379	50	400		95	70	130			
Surr: 1,2-Dichloroethane-d4	8.7		10		87	75	128			
Surr: Toluene-d8	10.6		10		106	80	120			
Surr: 4-Bromofluorobenzene	10.3		10		103	80	120			

Sample Matrix Spike
Type **MS**   Test Code: **EPA Method SW8015B**

File ID: **D:\HPCHEM\MS09\DATA\071005\07100508.D**   Batch ID: **MS09W1005B**   Analysis Date: **10/05/2007 14:40**

Sample ID: **07100426-01AGS**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1610	250	2000	0	81	60	131			
Surr: 1,2-Dichloroethane-d4	42.6		50		85	75	128			
Surr: Toluene-d8	54.1		50		108	80	120			
Surr: 4-Bromofluorobenzene	50.8		50		102	80	120			

Sample Matrix Spike Duplicate
Type **MSD**   Test Code: **EPA Method SW8015B**

File ID: **D:\HPCHEM\MS09\DATA\071005\07100509.D**   Batch ID: **MS09W1005B**   Analysis Date: **10/05/2007 15:04**

Sample ID: **07100426-01AGSD**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1820	250	2000	0	91	60	131	1612	11.9(20)	
Surr: 1,2-Dichloroethane-d4	42.4		50		85	75	128			
Surr: Toluene-d8	53.5		50		107	80	120			
Surr: 4-Bromofluorobenzene	50.7		50		101	80	120			

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.

Date: *10-Oct-07*

QC Summary Report

Work Order: 07100432

Method Blank

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

File ID: **D:\HPCHEM\MS09\DATA\071005\07100504.D**   Batch ID: **MS09W1005A**   Analysis Date: **10/05/2007 13:04**

Sample ID: **MBLK MS09W1005A**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	8.87		10		89	75	128			
Surr: Toluene-d8	10.5		10		105	80	120			
Surr: 4-Bromofluorobenzene	10.6		10		106	80	120			

Laboratory Control Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071005\07100502.D**   Batch ID: **MS09W1005A**   Analysis Date: **10/05/2007 12:18**

Sample ID: **LCS MS09W1005A**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.48	0.5	10		85	70	130			
Benzene	9.32	0.5	10		93	70	130			
Toluene	10.1	0.5	10		101	80	120			
Ethylbenzene	10.9	0.5	10		109	80	120			
m,p-Xylene	10.3	0.5	10		103	70	130			
o-Xylene	10.3	0.5	10		103	70	130			
Surr: 1,2-Dichloroethane-d4	8.77		10		88	75	128			
Surr: Toluene-d8	10.4		10		104	80	120			
Surr: 4-Bromofluorobenzene	9.51		10		95	80	120			

Sample Matrix Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071005\07100506.D**   Batch ID: **MS09W1005A**   Analysis Date: **10/05/2007 13:53**

Sample ID: **07100426-01AMS**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	41.5	1.3	50	0	83	62	139			
Benzene	42.6	1.3	50	0	85	70	130			
Toluene	46.5	1.3	50	0	93	67	130			
Ethylbenzene	49.7	1.3	50	0	99	70	130			
m,p-Xylene	48	1.3	50	0	96	69	130			
o-Xylene	48.1	1.3	50	0	96	70	130			
Surr: 1,2-Dichloroethane-d4	41.8		50		84	75	128			
Surr: Toluene-d8	52.7		50		105	80	120			
Surr: 4-Bromofluorobenzene	47.1		50		94	80	120			

Sample Matrix Spike Duplicate

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

File ID: **D:\HPCHEM\MS09\DATA\071005\07100507.D**   Batch ID: **MS09W1005A**   Analysis Date: **10/05/2007 14:16**

Sample ID: **07100426-01AMSD**   Units : **µg/L**   Run ID: **MSD_09_071005A**   Prep Date: **10/05/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	46.6	1.3	50	0	93	62	139	41.53	11.5(20)	
Benzene	43.4	1.3	50	0	87	70	130	42.56	1.9(20)	
Toluene	46.3	1.3	50	0	93	67	130	46.45	0.4(20)	
Ethylbenzene	48.1	1.3	50	0	96	70	130	49.72	3.3(20)	
m,p-Xylene	47.3	1.3	50	0	95	69	130	48.01	1.4(20)	
o-Xylene	49.7	1.3	50	0	99	70	130	48.09	3.3(20)	
Surr: 1,2-Dichloroethane-d4	42.1		50		84	75	128			
Surr: Toluene-d8	52.5		50		105	80	120			
Surr: 4-Bromofluorobenzene	46.8		50		94	80	120			

Alpha Analytical, Inc.

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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.

Alpha Analytical, Inc.

Phone : (775) 355-1044   FAX : (775) 355-0406

Sample Receipt Checklist

Date Report is due to Client :   **10/12/2007**   Date of Notice :   **10/4/2007 2:13:50 P**

Please take note of any NO check marks. If we receive no response concerning these items within 24 hours of the date of this notice, all of the samples will be analyzed as requested.

Client Name: **Stratus Environmental**

Project Manager: **Scott Bittinger**

Work Order Number: **STR07100432**

Project ID :   **2007-0057-01/USA 57**
Client's EMail: **sbittinger@stratusinc.net**
Client's Phone: **(530) 676-2062**   Client's FAX: **(530) 676-6005**
Date Received: **10/4/2007**   Received by: Kathryn Murray

Chain of Custody (COC) Information

Carrier name   <u>FedEx</u>

Chain of custody present ?	Yes ☑	☐ No	
Custody seals intact on shippping container/cooler ?	Yes ☑	☐ No	Not Present ☐
Custody seals intact on sample bottles ?	Yes ☐	☐ No	Not Present ☑
Chain of custody signed when relinquished and received ?	Yes ☑	☐ No	
Chain of custody agrees with sample labels ?	Yes ☑	☐ No	
Sample ID noted by Client on COC ?	Yes ☑	☐ No	
Date and time of collection noted by Client on COC ?	Yes ☑	☐ No	
Samplers's name noted on COC ?	Yes ☑	☐ No	
Internal Chain of Custody (COC) requested ?	Yes ☐	☑ No	
Sub Contract Lab Used :	None ☑	☐ See Comments	

Sample Receipt Information

Shipping container/cooler in good condition?	Yes ☑	☐ No	Not Present ☐
Samples in proper container/bottle?	Yes ☑	☐ No	
Sample containers intact?	Yes ☑	☐ No	
Sufficient sample volume for indicated test?	Yes ☑	☐ No	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	☐ No	
Container/Temp Blank temperature in compliance (0-6°C)?	Yes ☑	☐ No	
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	☐ No	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	☐ No	
TOC Water - pH acceptable upon receipt (H2SO4 pH<2)?	Yes ☐	☐ No N/A ☑	

Cooler Temperature
4 °C

Analytical Requirement Information

Are non-Standard or Modified methods requested ?	Yes ☐	☑ No	
Are there client specific Project requirements ?	Yes ☐	☑ No	If YES : see the Chain of Custody (COC)

Comments :

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 : STR07100432

Report Due By : 5:00 PM On : 12-Oct-07

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	sbittinger@stratusinc.net

EDD Required : **Yes**

Sampled by : CHILL

PO :

Client's COC # : 18505

Job :   2007-0057-01/USA 57

Cooler Temp	Samples Received	Date Printed
4 °C	04-Oct-07	**04-Oct-07**

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	TPH/P_W	VOC_W						Sample Remarks
STR07100432-01A	0057WINF	AQ	10/03/07 05:30	5	0	6	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen ice. Send copy of receipt checklist with final report. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K.Murray	K Murray	Alpha Analytical, Inc.	10/4/07 1415

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:
Name Stratus Environmental, Inc.
Address 3330 Cameron Park Dr. #550
City, State, Zip Cameron Park, CA 95682
Phone Number 5306766004 Fax 5306766005

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

Samples Collected From Which State?
AZ _____ CA _✗_ NV _____ WA _____
ID _____ OR _____ OTHER _____

18505

Page # _1_ of _1_

Client Name USA 57	P.O. #		Job # 2007-0057-01					**Required QC Level?** ① II III IV
Address	EMail Address							
City, State, Zip Oakland	Phone #		Fax #					EDD / EDF? YES ✗ NO ____ Global ID # _____

Analyses Required

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by CHILL — Lab ID Number (Office Use Only)	Report Attention Scott Bittinger — Sample Description	TAT	Field Filtered	Total and type of containers **See below	GRO, BTEX	Soxys					REMARKS
0530	10/3/07	AQ	STR07100432-01	0057WINF	S		S-V	x	x					

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by		Christopher Hill	Stratus	10/3/07	1345
Received by		Mike Gibbons	Alpha	103107	1345
Relinquished by					
Received by	Kmurray	K Murray	AA	10/4/07	1410
Relinquished by					
Received by					

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

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.

Alpha Analytical, Inc.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received   10/12/07

Job#:   USA 57

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

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH-P (GRO)	120	50 μg/L	10/11/07	10/15/07
USA57 W INF	Tertiary Butyl Alcohol (TBA)	18	10 μg/L	10/11/07	10/15/07
Lab ID :	Methyl tert-butyl ether (MTBE)	3.8	0.50 μg/L	10/11/07	10/15/07
STR07101220-01A	Di-isopropyl Ether (DIPE)	ND	1.0 μg/L	10/11/07	10/15/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 μg/L	10/11/07	10/15/07
	Benzene	25	0.50 μg/L	10/11/07	10/15/07
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 μg/L	10/11/07	10/15/07
	Toluene	1.6	0.50 μg/L	10/11/07	10/15/07
	Ethylbenzene	3.3	0.50 μg/L	10/11/07	10/15/07
	m,p-Xylene	6.5	0.50 μg/L	10/11/07	10/15/07
	o-Xylene	2.2	0.50 μg/L	10/11/07	10/15/07
Client ID :	TPH-P (GRO)	ND	50 μg/L	10/11/07	10/15/07
USA57 W EFF	Tertiary Butyl Alcohol (TBA)	ND	10 μg/L	10/11/07	10/15/07
Lab ID :	Methyl tert-butyl ether (MTBE)	ND	0.50 μg/L	10/11/07	10/15/07
STR07101220-02A	Di-isopropyl Ether (DIPE)	ND	1.0 μg/L	10/11/07	10/15/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 μg/L	10/11/07	10/15/07
	Benzene	ND	0.50 μg/L	10/11/07	10/15/07
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 μg/L	10/11/07	10/15/07
	Toluene	ND	0.50 μg/L	10/11/07	10/15/07
	Ethylbenzene	ND	0.50 μg/L	10/11/07	10/15/07
	m,p-Xylene	ND	0.50 μg/L	10/11/07	10/15/07
	o-Xylene	ND	0.50 μg/L	10/11/07	10/15/07

Gasoline Range Organics (GRO) C4-C13

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

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 / info@alpha-analytical.com

10/19/07

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: STR07101220   **Project:** USA 57

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07101220-01A	USA57 W INF	Aqueous	2
07101220-02A	USA57 W EFF	Aqueous	2

Alpha Analytical, Inc.

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QC Summary Report

Method Blank

		Type **MBLK**	Test Code: **EPA Method SW8015B**			
File ID: **D:\HPCHEM\MS09\DATA\071015\07101504.D**			Batch ID: **MS09W1015B**		Analysis Date: **10/15/2007 10:44**	
Sample ID: **MBLK MS09W1015B**		Units : **µg/L**	Run ID: **MSD_09_071015A**		Prep Date: **10/15/2007**	

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	8.74		10		87	75	128			
Surr: Toluene-d8	10.4		10		104	80	120			
Surr: 4-Bromofluorobenzene	11		10		110	80	120			

Laboratory Control Spike

		Type **LCS**	Test Code: **EPA Method SW8015B**			
File ID: **D:\HPCHEM\MS09\DATA\071015\07101503.D**			Batch ID: **MS09W1015B**		Analysis Date: **10/15/2007 10:20**	
Sample ID: **GLCS MS09W1015B**		Units : **µg/L**	Run ID: **MSD_09_071015A**		Prep Date: **10/15/2007**	

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	424	50	400		106	70	130			
Surr: 1,2-Dichloroethane-d4	8.68		10		87	75	128			
Surr: Toluene-d8	10.7		10		107	80	120			
Surr: 4-Bromofluorobenzene	10.5		10		105	80	120			

Sample Matrix Spike

		Type **MS**	Test Code: **EPA Method SW8015B**			
File ID: **D:\HPCHEM\MS09\DATA\071015\07101515.D**			Batch ID: **MS09W1015B**		Analysis Date: **10/15/2007 15:09**	
Sample ID: **07101220-02AGS**		Units : **µg/L**	Run ID: **MSD_09_071015A**		Prep Date: **10/15/2007**	

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2130	250	2000	0	107	60	131			
Surr: 1,2-Dichloroethane-d4	44.5		50		89	75	128			
Surr: Toluene-d8	52.7		50		105	80	120			
Surr: 4-Bromofluorobenzene	54.8		50		110	80	120			

Sample Matrix Spike Duplicate

		Type **MSD**	Test Code: **EPA Method SW8015B**			
File ID: **D:\HPCHEM\MS09\DATA\071015\07101516.D**			Batch ID: **MS09W1015B**		Analysis Date: **10/15/2007 15:32**	
Sample ID: **07101220-02AGSD**		Units : **µg/L**	Run ID: **MSD_09_071015A**		Prep Date: **10/15/2007**	

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2130	250	2000	0	107	60	131	2132	0.1(20)	
Surr: 1,2-Dichloroethane-d4	45.1		50		90	75	128			
Surr: Toluene-d8	51.3		50		103	80	120			
Surr: 4-Bromofluorobenzene	52.9		50		106	80	120			

Comments:

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

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

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Date: 17-Oct-07	QC Summary Report	Work Order: 07101220

Method Blank

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

File ID: **D:\HPCHEM\MS09\DATA\071015\07101504.D** Batch ID: **MS09W1015A** Analysis Date: **10/15/2007 10:44**

Sample ID: **MBLK MS09W1015A** Units : **µg/L** Run ID: **MSD_09_071015A** Prep Date: **10/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	8.74		10		87	75	128			
Surr: Toluene-d8	10.4		10		104	80	120			
Surr: 4-Bromofluorobenzene	11		10		110	80	120			

Laboratory Control Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071015\07101502.D** Batch ID: **MS09W1015A** Analysis Date: **10/15/2007 09:55**

Sample ID: **LCS MS09W1015A** Units : **µg/L** Run ID: **MSD_09_071015A** Prep Date: **10/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.14	0.5	10		91	70	130			
Benzene	10.4	0.5	10		104	70	130			
Toluene	11.1	0.5	10		111	80	120			
Ethylbenzene	11.9	0.5	10		119	80	120			
m,p-Xylene	11.2	0.5	10		112	70	130			
o-Xylene	11.3	0.5	10		113	70	130			
Surr: 1,2-Dichloroethane-d4	9.28		10		93	75	128			
Surr: Toluene-d8	10.4		10		104	80	120			
Surr: 4-Bromofluorobenzene	9.54		10		95	80	120			

Sample Matrix Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071015\07101513.D** Batch ID: **MS09W1015A** Analysis Date: **10/15/2007 14:20**

Sample ID: **07101220-02AMS** Units : **µg/L** Run ID: **MSD_09_071015A** Prep Date: **10/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	49.3	1.3	50	0	99	62	139			
Benzene	53.2	1.3	50	0	106	70	130			
Toluene	53.2	1.3	50	0	106	67	130			
Ethylbenzene	59.3	1.3	50	0	119	70	130			
m,p-Xylene	53.4	1.3	50	0	107	69	130			
o-Xylene	54.8	1.3	50	0	110	70	130			
Surr: 1,2-Dichloroethane-d4	50.9		50		102	75	128			
Surr: Toluene-d8	49.9		50		99.9	80	120			
Surr: 4-Bromofluorobenzene	48.3		50		97	80	120			

Sample Matrix Spike Duplicate

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

File ID: **D:\HPCHEM\MS09\DATA\071015\07101514.D** Batch ID: **MS09W1015A** Analysis Date: **10/15/2007 14:45**

Sample ID: **07101220-02AMSD** Units : **µg/L** Run ID: **MSD_09_071015A** Prep Date: **10/15/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	48.2	1.3	50	0	96	62	139	49.25	2.1(20)	
Benzene	52.8	1.3	50	0	106	70	130	53.21	0.9(20)	
Toluene	54.4	1.3	50	0	109	67	130	53.19	2.2(20)	
Ethylbenzene	59.3	1.3	50	0	119	70	130	59.25	0.1(20)	
m,p-Xylene	54.3	1.3	50	0	109	69	130	53.39	1.7(20)	
o-Xylene	55.5	1.3	50	0	111	70	130	54.81	1.3(20)	
Surr: 1,2-Dichloroethane-d4	49.1		50		98	75	128			
Surr: Toluene-d8	51.1		50		102	80	120			
Surr: 4-Bromofluorobenzene	48.4		50		97	80	120			

Alpha Analytical, Inc.

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Date:
17-Oct-07

QC Summary Report

Work Order:
07101220

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

Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21   Sparks, Nevada 89431-5778

TEL: (775) 355-1044   FAX: (775) 355-0406

WorkOrder : STR07101220

Report Due By : 5:00 PM On : 22-Oct-07

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 : CHILL

PO :

Client's COC # :   18503   Job :   USA 57

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

Cooler Temp	Samples Received	Date Printed
4 °C	12-Oct-07	**12-Oct-07**

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	TPH/P_W	VOC_W							Sample Remarks
STR07101220-01A	USA57 W INF	AQ	10/11/07 06:35	5	0	6	GAS-C	BTEX/OXY_C							
STR07101220-02A	USA57 W EFF	AQ	10/11/07 06:30	5	0	6	GAS-C	BTEX/OXY_C							

Requested Tests

Comments: Security seals intact. Frozen ice. Send copy of receipt checklist with final report. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	Alpha Analytical, Inc.	10/12/07 0940

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:
Name: Stratus
Address: 3330 Cananui Pk DR
City, State, Zip: Canenu PL
Phone Number: 5306766104 Fax: 5306766105

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

Client Name	USA 57		P.O. #		Job #	
Address			EMail Address			
City, State, Zip	Oakland		Phone #		Fax #	

Analyses Required

Required QC Level? I II III IV

EDD / EDF? YES ____ NO ____

Global ID # _____

Time Sampled	Date Sampled	Matrix* See Key Below	Sampled by CHILL / Lab ID Number (Office Use Only)	Report Attention Scott / Sample Description	TAT	Field Filtered	Total and type of containers ** See below	GRO-BTEX	5 oil 5					REMARKS
0635	10/11	AR	STR07101220-01	USA57 W INF	std		5-V	X	X					
0630			02	USA57 W EFF	std		5-V	X	X					

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by		CHILL	Stratus	10/11/07	1505
Received by		Mike Hildana	Alpha	10/11/07	8502
Relinquished by					
Received by	Kmurray	K Murray	AA	10/12/07	0935
Relinquished by					
Received by					

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

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.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received 11/07/07

Job#: USA 57

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

	Parameter	Concentration		Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH-P (GRO)	430		200 µg/L	11/06/07	11/08/07
00057 W INF	Tertiary Butyl Alcohol (TBA)	41		20 µg/L	11/06/07	11/08/07
Lab ID :	Methyl tert-butyl ether (MTBE)	9.0		1.0 µg/L	11/06/07	11/08/07
STR07110726-01A	Di-isopropyl Ether (DIPE)	ND	V	2.0 µg/L	11/06/07	11/08/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND	V	2.0 µg/L	11/06/07	11/08/07
	Benzene	140		1.0 µg/L	11/06/07	11/08/07
	Tertiary Amyl Methyl Ether (TAME)	ND	V	2.0 µg/L	11/06/07	11/08/07
	Toluene	33		1.0 µg/L	11/06/07	11/08/07
	Ethylbenzene	9.6		1.0 µg/L	11/06/07	11/08/07
	m,p-Xylene	41		1.0 µg/L	11/06/07	11/08/07
	o-Xylene	20		1.0 µg/L	11/06/07	11/08/07
Client ID :	TPH-P (GRO)	ND		50 µg/L	11/06/07	11/08/07
00057 W EFF	Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	11/06/07	11/08/07
Lab ID :	Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	11/06/07	11/08/07
STR07110726-02A	Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	11/06/07	11/08/07
	Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	11/06/07	11/08/07
	Benzene	ND		0.50 µg/L	11/06/07	11/08/07
	Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	11/06/07	11/08/07
	Toluene	ND		0.50 µg/L	11/06/07	11/08/07
	Ethylbenzene	ND		0.50 µg/L	11/06/07	11/08/07
	m,p-Xylene	ND		0.50 µg/L	11/06/07	11/08/07
	o-Xylene	ND		0.50 µg/L	11/06/07	11/08/07

Gasoline Range Organics (GRO) C4-C13
V = Reporting Limits were increased due to high concentrations of target analytes.
ND = Not Detected
Reported in micrograms per Liter, per client request.

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 / info@alpha-analytical.com

11/14/07

Report Date

Alpha Analytical, Inc.

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

VOC Sample Preservation Report

Work Order: STR07110726   **Project:** USA 57

Alpha's Sample ID	Client's Sample ID	Matrix	pH
07110726-01A	00057 W INF	Aqueous	2
07110726-02A	00057 W EFF	Aqueous	2

Alpha Analytical, Inc.

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Method Blank

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

File ID: **D:\HPCHEM\MS09\DATA\071108\07110804.D** Batch ID: **MS09W1108B** Analysis Date: **11/08/2007 12:24**

Sample ID: **MBLK MS09W1108B** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.64		10		96	75	128			
Surr: Toluene-d8	10.8		10		108	80	120			
Surr: 4-Bromofluorobenzene	9.24		10		92	80	120			

Laboratory Control Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071108\07110803.D** Batch ID: **MS09W1108B** Analysis Date: **11/08/2007 12:01**

Sample ID: **GLCS MS09W1108B** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	373	50	400		93	70	130			
Surr: 1,2-Dichloroethane-d4	9.39		10		94	75	128			
Surr: Toluene-d8	10.8		10		108	80	120			
Surr: 4-Bromofluorobenzene	9.06		10		91	80	120			

Sample Matrix Spike

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

File ID: **D:\HPCHEM\MS09\DATA\071108\07110810.D** Batch ID: **MS09W1108B** Analysis Date: **11/08/2007 14:40**

Sample ID: **07110726-02AGS** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1420	250	2000	0	71	60	131			
Surr: 1,2-Dichloroethane-d4	47.6		50		95	75	128			
Surr: Toluene-d8	53.5		50		107	80	120			
Surr: 4-Bromofluorobenzene	45.3		50		91	80	120			

Sample Matrix Spike Duplicate

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

File ID: **D:\HPCHEM\MS09\DATA\071108\07110811.D** Batch ID: **MS09W1108B** Analysis Date: **11/08/2007 15:03**

Sample ID: **07110726-02AGSD** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1490	250	2000	0	74	60	131	1424	4.4(20)	
Surr: 1,2-Dichloroethane-d4	45.7		50		91	75	128			
Surr: Toluene-d8	54.5		50		109	80	120			
Surr: 4-Bromofluorobenzene	44.2		50		88	80	120			

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.

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Method Blank

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

File ID: D:\HPCHEM\MS09\DATA\071108\07110804.D Batch ID: **MS09W1108A** Analysis Date: **11/08/2007 12:24**

Sample ID: **MBLK MS09W1108A** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9.64		10		96	75	128			
Surr: Toluene-d8	10.8		10		108	80	120			
Surr: 4-Bromofluorobenzene	9.24		10		92	80	120			

Laboratory Control Spike

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

File ID: D:\HPCHEM\MS09\DATA\071108\07110802.D Batch ID: **MS09W1108A** Analysis Date: **11/08/2007 11:39**

Sample ID: **LCS MS09W1108A** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	8.81	0.5	10		88	70	130			
Benzene	8.88	0.5	10		89	70	130			
Toluene	9.91	0.5	10		99	80	120			
Ethylbenzene	10.5	0.5	10		105	80	120			
m,p-Xylene	10.5	0.5	10		105	70	130			
o-Xylene	10.8	0.5	10		108	70	130			
Surr: 1,2-Dichloroethane-d4	9.41		10		94	75	128			
Surr: Toluene-d8	11		10		110	80	120			
Surr: 4-Bromofluorobenzene	8.71		10		87	80	120			

Sample Matrix Spike

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

File ID: D:\HPCHEM\MS09\DATA\071108\07110808.D Batch ID: **MS09W1108A** Analysis Date: **11/08/2007 13:55**

Sample ID: **07110726-02AMS** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	51.8	1.3	50	0	104	62	139			
Benzene	44.8	1.3	50	0	90	70	130			
Toluene	48.8	1.3	50	0	98	67	130			
Ethylbenzene	50.7	1.3	50	0	101	70	130			
m,p-Xylene	51.1	1.3	50	0	102	69	130			
o-Xylene	54	1.3	50	0	108	70	130			
Surr: 1,2-Dichloroethane-d4	47.1		50		94	75	128			
Surr: Toluene-d8	54.3		50		109	80	120			
Surr: 4-Bromofluorobenzene	43.2		50		86	80	120			

Sample Matrix Spike Duplicate

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

File ID: D:\HPCHEM\MS09\DATA\071108\07110809.D Batch ID: **MS09W1108A** Analysis Date: **11/08/2007 14:18**

Sample ID: **07110726-02AMSD** Units : **µg/L** Run ID: **MSD_09_071108A** Prep Date: **11/08/2007**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	51	1.3	50	0	102	62	139	51.81	1.6(20)	
Benzene	44.3	1.3	50	0	89	70	130	44.79	1.2(20)	
Toluene	48.6	1.3	50	0	97	67	130	48.76	0.3(20)	
Ethylbenzene	50.5	1.3	50	0	101	70	130	50.69	0.3(20)	
m,p-Xylene	50.8	1.3	50	0	102	69	130	51.14	0.7(20)	
o-Xylene	53.3	1.3	50	0	107	70	130	54.02	1.3(20)	
Surr: 1,2-Dichloroethane-d4	46.4		50		93	75	128			
Surr: Toluene-d8	54.4		50		109	80	120			
Surr: 4-Bromofluorobenzene	43.3		50		87	80	120			

Alpha Analytical, Inc.

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

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

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

WorkOrder : STR07110726
Report Due By : 5:00 PM On : 15-Nov-07

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 : CHILL

PO :

Client's COC # : 18500   Job :   USA 57

Cooler Temp	Samples Received	Date Printed
4 °C	07-Nov-07	**07-Nov-07**

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	TPH/P_W	VOC_W							Sample Remarks
STR07110726-01A	00057 W INF	AQ	11/06/07 07:35	5	0	6	GAS-C	BTEX/OXY_C							
STR07110726-02A	00057 W EFF	AQ	11/06/07 07:30	5	0	6	GAS-C	BTEX/OXY_C							

Requested Tests

Comments: Security seals intact. Frozen ice. Send copy of receipt checklist with final report. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	Alpha Analytical, Inc.	11/7/07 1120

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:
Name: Stratus ENV
Address: 3330 Cameron Ph OR
City, State, Zip: Cameron Ph
Phone Number: 530 676 6004   Fax: 530 676 6005

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

Samples Collected From Which State?
AZ ____ CA _X_ NV ____ WA ____
ID ____ OR ____ OTHER _____   Page # _1_ of _1_

Analyses Required

Client Name USA57	P.O. #	Job #		Required QC Level?
Address	EMail Address			I II III IV
City, State, Zip Oakland	Phone #	Fax #		EDD / EDF? YES ___ NO ___
				Global ID # _____

Sampled by: CHILL
Report Attention: Scott

Time Sampled	Date Sampled	Matrix* See Key Below	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	Total and type of containers ** See below	GRO·BTEX	5044S					REMARKS
0735	11/6/	AQ	STR07110726-01 00057 W INF		STD		5·V	X	X					
0770	))	AQ	02 00057 W EFF		STD		5·V	X	X					

ADDITIONAL INSTRUCTIONS:

	Signature	Print Name	Company	Date	Time
Relinquished by	[signature]	CHILL	Stratus	11-6-07	1430
Received By	[signature] de Silva	Lisa de Silva	ALPHA	11607	1430
Relinquished by					
Received by	K Murray	K Murray	AA	11/7/07	1115
Relinquished by					
Received by					

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