



**SGS North America Inc.**  
**Alaska Division**  
**Level II Laboratory Data Report**

Project: 3354-003 Red Hill  
Client: The Environmental Company, Inc. (TEC)  
SGS Work Order: 1103478

Released by:

**Contents:**

Cover Page  
Case Narrative  
Final Report Pages  
Quality Control Summary Forms  
Chain of Custody/Sample Receipt Forms

**Note:**  
Unless otherwise noted, all quality assurance/quality control criteria is in compliance with the standards set forth by the proper regulatory authority, the SGS Quality Assurance Program Plan, and the National Environmental Accreditation Conference.

## Case Narrative

**Customer: THEENVC**

**The Environmental Company, Inc. (TEC)**

**Project: 1103478**

**3354-003 Red Hill**

Refer to the sample receipt form for information on sample condition.

**1103478005 PS**

**RHMW01-WG20**

Revised Report – Sample ID was changed from “RHMWA01” to “RHMW01” at client’s request. Sample ID was changed to match COC.

**1103478007 PS**

**RHMW02-WG20**

AK102 - The pattern is consistent with a weathered middle distillate.

**1103478008 PS**

**RHMWA01-WG20**

AK102 - The pattern is consistent with a weathered middle distillate.

**1103478002 BMS**

**RHMW2254-WG20 MS**

8270D SIM - BMS recoveries for multiple analytes are outside of QC criteria. Refer to LCS for accuracy.

8260B - BMS recovery for chloroethane does not meet QC criteria (biased high). This analyte was not detected above the LOQ in the original sample.

**974519 MS**

**1103478001MS**

8270D SIM - MS recoveries for multiple analytes are outside of QC criteria. Refer to LCS for accuracy.

**1103478003 BMSD**

**RHMW2254-WG21 MSD**

8270D - BMS/BMSD RPD for multiple analytes does not meet QC criteria. Results for these analytes are estimated in the original sample.

8260B - BMSD recoveries for chloroethane and benzene do not meet QC criteria (biased high). These analytes were not detected above the LOQ in the original sample.

**974520 MSD**

**1103478001MSD**

8270D - MS/MSD RPD for multiple analytes does not meet QC criteria. Results for these analytes are estimated in the original sample.

**974727 LCSD**

**VXX/20956**

8260B - LCSD recovery for 1,1,-Trichloroethane does not meet QC criteria (biased low). Refer to LCS for accuracy.

**974730 CCV**

**VMS/11399]**

8260B - ICV recovery for vinyl chloride was biased high. Results may be estimated where detected.

**Report of Manual Integrations**

Print Date: 8/17/2010 10:37 am

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Analytical Batch</u>	<u>Method</u>	<u>Analyte</u>	<u>Reason</u>
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	2-Methylnaphthalene	PNF
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Anthracene	RP
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Benzo(a)Anthracene	PNF
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Benzo[b]Fluoranthene	PNF
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Benzo[k]fluoranthene	RP
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Chrysene	RP
974244	LCS for HBN 550180 [XXX/23075]	XMS5529	8270D SIMS	Phenanthrene	RP

Manual Integration Reason Code Descriptions

Code	Description
O	Original Chromatogram
M	Modified Chromatogram
SS	Skimmed surrogate
BLG	Closed baseline gap
RP	Reassign peak name
PIR	Pattern integration required
IT	Included tail
SP	Split peak
RSP	Removed split peak
FPS	Forced peak start/stop
BLC	Baseline correction
PNF	Peak not found by software

All DRO/RRO analysis are integrated per SOP.



## Laboratory Analytical Report

Client: **The Environmental Company, Inc.**

1003 Bishop Street,  
Pauahi Tower Suite 1550  
Honolulu, HI 96813

Attn: **Rick Adkisson**

T: (808)528-1445 F:(808)528-0768

Project: **3354-003 Red Hill**

Workorder No.: **1103478**

### Certification:

This data package is in compliance with the terms and conditions of the contract, both technically and for completeness, unless otherwise noted on the sample data sheet(s) and/or case narrative. This certification applies only to the tested parameters and the specific sample(s) received at the laboratory. If you have any questions regarding this report, or if we can be of further assistance, please contact your SGS Project Manager.

Jennifer Serna

[jennifer.serna@sgs.com](mailto:jennifer.serna@sgs.com)

Project Manager

### Contents (Bookmarked in PDF):

- Cover Page
- Glossary
- Sample Summary Forms
- Case Narrative
- Sample Results Forms
- Batch Summary Forms (by method)
- Quality Control Summary Forms (by method)
- Chain of Custody/Sample Receipt Forms
- Attachments (if applicable)

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (<[http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm)>), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and AK100001 for NELAP (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6010B, 6020, 7470A, 7471B, 8021B, 8081B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, the National Environmental Laboratory Accreditation Program and other regulatory authorities. The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV	Continuing Calibration Verification
CL	Control Limit
D	The analyte concentration is the result of a dilution.
DF	Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
F	Indicates value that is greater than or equal to the DL
GT	Greater Than
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
JL	The analyte was positively identified, but the quantitation is a low estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LOD	Limit of Detection (i.e., 2xDL)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
M	A matrix effect was present.
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
Q	QC parameter out of acceptance range.
R	Rejected
RL	Reporting Limit
RPD	Relative Percent Difference
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.  
All DRO/RRO analyses are integrated per SOP.



## SAMPLE SUMMARY

Print Date: 8/17/2010 10:37 am

**Client Name: The Environmental Company, Inc. (TEC)**

**Project Name: 3354-003 Red Hill**

**Workorder No.: 1103478**

### Analytical Methods

<u>Method Description</u>	<u>Analytical Method</u>
8270 PAH SIM Semi-Vol GC/MS Liq/Liq ext.	8270D SIMS
Dissolved Metals by ICP-MS	SW6020
DRO by 8015C (W)	SW8015C
GRO (W)	SW8015C
Volatile Organic Compounds (W) FULL	SW8260B

### Sample ID Cross Reference

<u>Lab Sample ID</u>	<u>Client Sample ID</u>
1103478001	RHMW2254-WG20
1103478002	RHMW2254-WG20 MS
1103478003	RHMW2254-WG21 MSD
1103478004	RHMW05-WG20
1103478005	RHMW01-WG20
1103478006	RHMW03-WG20
1103478007	RHMW02-WG20
1103478008	RHMWA01-WG20
1103478009	TB01-WG20



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6555	MXX23263	

**Batch Information**

Analytical Batch: MMS6555

Analytical Method: SW6020

Analysis Date/Time: 07/27/10 17:02

Dilution Factor: 5

Prep Batch: MXX23263

Prep Method: SW3010A

Prep Date/Time: 07/21/10 23:00

Initial Prep Wt./Vol.: 50 mL

Prep Extract Vol.: 50 mL

Container ID:1103478001-G

Analyst: KDC



Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	60.0 U	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	99.1	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038  
Analytical Method: SW8015C  
Analysis Date/Time: 07/25/10 13:40  
Dilution Factor: 1

Prep Batch: VXX20986  
Prep Method: SW5030B  
Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL  
Prep Extract Vol.: 5 mL  
Container ID:1103478001-B  
Analyst: EAB





Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	0.320 U	0.426	0.160	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	83.1	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 18:39

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 940 mL

Prep Extract Vol.: 1 mL

Container ID:1103478001-J

Analyst: HM



Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11403	VXX20964	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11403	VXX20964	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11403	VXX20964	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11403	VXX20964	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11403	VXX20964	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11403	VXX20964	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11403	VXX20964	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11403	VXX20964	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	

Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11403	VXX20964	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11403	VXX20964	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11403	VXX20964	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11403	VXX20964	
Naphthalene	1.24 U	2.00	0.620	ug/L	1	VMS11403	VXX20964	
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
o-Xylene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11403	VXX20964	
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11403	VXX20964	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11403	VXX20964	
1,2-Dichloroethane-D4 <surrogate>	119	73-120		%	1	VMS11403	VXX20964	
4-Bromofluorobenzene <surrogate>	92.1	76-120		%	1	VMS11403	VXX20964	
Toluene-d8 <surrogate>	96.3	80-120		%	1	VMS11403	VXX20964	



Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11403			Prep Batch: VXX20964				Initial Prep Wt./Vol.: 5 mL	
Analytical Method: SW8260B			Prep Method: SW5030B				Prep Extract Vol.: 5 mL	
Analysis Date/Time: 07/20/10 19:27			Prep Date/Time: 07/19/10 14:07				Container ID:1103478001-A	
Dilution Factor: 1							Analyst: SCL	



Client Sample ID: **RHMW2254-WG20**

SGS Ref. #: 1103478001

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 09:40

Receipt Date/Time: 07/15/10 12:35

**Polynuclear Aromatics GC/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1-Methylnaphthalene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
2-Methylnaphthalene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Fluorene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Naphthalene	0.0664 U	0.107	0.0332	ug/L	1	XMS5528	XXX23075	
Phenanthrene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0320 U	0.0535	0.0160	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <sur>	93	50-135		%	1	XMS5528	XXX23075	

**Batch Information**

Analytical Batch: XMS5528  
Analytical Method: 8270D SIMS  
Analysis Date/Time: 07/19/10 23:07  
Dilution Factor: 1

Prep Batch: XXX23075  
Prep Method: SW3520C  
Prep Date/Time: 07/19/10 09:05

Initial Prep Wt./Vol.: 935 mL  
Prep Extract Vol.: 1 mL  
Container ID:1103478001-I  
Analyst: CDE



Client Sample ID: **RHMW05-WG20**  
SGS Ref. #: 1103478004  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20  
Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6543	MXX23243	

**Batch Information**

Analytical Batch: MMS6543  
Analytical Method: SW6020  
Analysis Date/Time: 07/21/10 19:22  
Dilution Factor: 5

Prep Batch: MXX23243  
Prep Method: SW3010A  
Prep Date/Time: 07/16/10 18:10

Initial Prep Wt./Vol.: 50 mL  
Prep Extract Vol.: 50 mL  
Container ID:1103478004-G  
Analyst: KDC



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW05-WG20**

SGS Ref. #: 1103478004

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20

Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	60.0 U	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	99.2	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038

Analytical Method: SW8015C

Analysis Date/Time: 07/25/10 15:56

Dilution Factor: 1

Prep Batch: VXX20986

Prep Method: SW5030B

Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL

Prep Extract Vol.: 5 mL

Container ID:1103478004-B

Analyst: EAB



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW05-WG20**

SGS Ref. #: 1103478004

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	0.320 U	0.426	0.160	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	81.7	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 19:43

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 940 mL

Prep Extract Vol.: 1 mL

Container ID:1103478004-J

Analyst: HM



Client Sample ID: **RHMW05-WG20**

SGS Ref. #: 1103478004

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	



Client Sample ID: **RHMW05-WG20**  
SGS Ref. #: 1103478004  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20  
Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <surrr>	107	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <surrr>	102	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <surrr>	97.7	80-120		%	1	VMS11399	VXX20956	



Client Sample ID: **RHMW05-WG20**  
SGS Ref. #: 1103478004  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20  
Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399			Prep Batch: VXX20956				Initial Prep Wt./Vol.: 5 mL	
Analytical Method: SW8260B			Prep Method: SW5030B				Prep Extract Vol.: 5 mL	
Analysis Date/Time: 07/20/10 08:50			Prep Date/Time: 07/19/10 08:14				Container ID:1103478004-A	
Dilution Factor: 1							Analyst: SCL	

Client Sample ID: **RHMW05-WG20**

SGS Ref. #: 1103478004

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 17:20

Receipt Date/Time: 07/15/10 12:35

**Polynuclear Aromatics GC/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1-Methylnaphthalene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
2-Methylnaphthalene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Fluorene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Naphthalene	0.0643J	0.105	0.0326	ug/L	1	XMS5528	XXX23075	
Phenanthrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <sur>	90.3	50-135		%	1	XMS5528	XXX23075	

**Batch Information**

Analytical Batch: XMS5528

Analytical Method: 8270D SIMS

Analysis Date/Time: 07/20/10 00:01

Dilution Factor: 1

Prep Batch: XXX23075

Prep Method: SW3520C

Prep Date/Time: 07/19/10 09:05

Initial Prep Wt./Vol.: 950 mL

Prep Extract Vol.: 1 mL

Container ID:1103478004-I

Analyst: CDE



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW01-WG20**  
SGS Ref. #: 1103478005  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55  
Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6543	MXX23243	

**Batch Information**

Analytical Batch: MMS6543  
Analytical Method: SW6020  
Analysis Date/Time: 07/21/10 19:40  
Dilution Factor: 5

Prep Batch: MXX23243  
Prep Method: SW3010A  
Prep Date/Time: 07/16/10 18:10

Initial Prep Wt./Vol.: 50 mL  
Prep Extract Vol.: 50 mL  
Container ID:1103478005-G  
Analyst: KDC



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	60.0 U	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	105	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038

Analytical Method: SW8015C

Analysis Date/Time: 07/25/10 16:15

Dilution Factor: 1

Prep Batch: VXX20986

Prep Method: SW5030B

Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL

Prep Extract Vol.: 5 mL

Container ID:1103478005-B

Analyst: EAB



Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	0.228J	0.435	0.163	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	85.1	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 20:04

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 920 mL

Prep Extract Vol.: 1 mL

Container ID:1103478005-J

Analyst: HM

Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	



Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	1.08	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <surrr>	106	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <surrr>	94.8	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <surrr>	99.2	80-120		%	1	VMS11399	VXX20956	



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399			Prep Batch: VXX20956				Initial Prep Wt./Vol.: 5 mL	
Analytical Method: SW8260B			Prep Method: SW5030B				Prep Extract Vol.: 5 mL	
Analysis Date/Time: 07/20/10 09:24			Prep Date/Time: 07/19/10 08:14				Container ID:1103478005-A	
Dilution Factor: 1							Analyst: SCL	

Client Sample ID: **RHMW01-WG20**

SGS Ref. #: 1103478005

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 15:55

Receipt Date/Time: 07/15/10 12:35

**Polynuclear Aromatics GC/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1-Methylnaphthalene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
2-Methylnaphthalene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.0321J	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Fluorene	0.0350J	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Naphthalene	0.184	0.105	0.0326	ug/L	1	XMS5528	XXX23075	
Phenanthrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0316 U	0.0526	0.0158	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <surr>	93.2	50-135		%	1	XMS5528	XXX23075	

**Batch Information**

Analytical Batch: XMS5528

Analytical Method: 8270D SIMS

Analysis Date/Time: 07/20/10 00:19

Dilution Factor: 1

Prep Batch: XXX23075

Prep Method: SW3520C

Prep Date/Time: 07/19/10 09:05

Initial Prep Wt./Vol.: 950 mL

Prep Extract Vol.: 1 mL

Container ID:1103478005-I

Analyst: CDE



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW03-WG20**  
SGS Ref. #: 1103478006  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35  
Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6543	MXX23243	

**Batch Information**

Analytical Batch: MMS6543  
Analytical Method: SW6020  
Analysis Date/Time: 07/21/10 19:42  
Dilution Factor: 5

Prep Batch: MXX23243  
Prep Method: SW3010A  
Prep Date/Time: 07/16/10 18:10

Initial Prep Wt./Vol.: 50 mL  
Prep Extract Vol.: 50 mL  
Container ID:1103478006-G  
Analyst: KDC



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW03-WG20**  
SGS Ref. #: 1103478006  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35  
Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	60.0 U	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	101	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038  
Analytical Method: SW8015C  
Analysis Date/Time: 07/25/10 16:35  
Dilution Factor: 1

Prep Batch: VXX20986  
Prep Method: SW5030B  
Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL  
Prep Extract Vol.: 5 mL  
Container ID:1103478006-B  
Analyst: EAB



Client Sample ID: **RHMW03-WG20**

SGS Ref. #: 1103478006

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	0.324 U	0.432	0.162	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	81.3	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 21:07

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 925 mL

Prep Extract Vol.: 1 mL

Container ID:1103478006-J

Analyst: HM

Client Sample ID: **RHMW03-WG20**

SGS Ref. #: 1103478006

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	



Client Sample ID: **RHMW03-WG20**  
SGS Ref. #: 1103478006  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35  
Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <surrr>	107	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <surrr>	103	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <surrr>	95.2	80-120		%	1	VMS11399	VXX20956	





The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW03-WG20**

SGS Ref. #: 1103478006

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399			Prep Batch: VXX20956				Initial Prep Wt./Vol.: 5 mL	
Analytical Method: SW8260B			Prep Method: SW5030B				Prep Extract Vol.: 5 mL	
Analysis Date/Time: 07/20/10 09:57			Prep Date/Time: 07/19/10 08:14				Container ID:1103478006-A	
Dilution Factor: 1							Analyst: SCL	



Client Sample ID: **RHMW03-WG20**

SGS Ref. #: 1103478006

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 11:35

Receipt Date/Time: 07/15/10 12:35

**Polynuclear Aromatics GC/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1-Methylnaphthalene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
2-Methylnaphthalene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Fluorene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Naphthalene	0.0666 U	0.108	0.0333	ug/L	1	XMS5528	XXX23075	
Phenanthrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <surr>	88.1	50-135		%	1	XMS5528	XXX23075	

**Batch Information**

Analytical Batch: XMS5528

Analytical Method: 8270D SIMS

Analysis Date/Time: 07/20/10 00:36

Dilution Factor: 1

Prep Batch: XXX23075

Prep Method: SW3520C

Prep Date/Time: 07/19/10 09:05

Initial Prep Wt./Vol.: 930 mL

Prep Extract Vol.: 1 mL

Container ID:1103478006-I

Analyst: CDE



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW02-WG20**  
SGS Ref. #: 1103478007  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10  
Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6543	MXX23243	

**Batch Information**

Analytical Batch: MMS6543  
Analytical Method: SW6020  
Analysis Date/Time: 07/21/10 19:44  
Dilution Factor: 5

Prep Batch: MXX23243  
Prep Method: SW3010A  
Prep Date/Time: 07/16/10 18:10

Initial Prep Wt./Vol.: 50 mL  
Prep Extract Vol.: 50 mL  
Container ID:1103478007-G  
Analyst: KDC



The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **RHMW02-WG20**

SGS Ref. #: 1103478007

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10

Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	46.5J	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	122	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038

Analytical Method: SW8015C

Analysis Date/Time: 07/25/10 16:54

Dilution Factor: 1

Prep Batch: VXX20986

Prep Method: SW5030B

Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL

Prep Extract Vol.: 5 mL

Container ID:1103478007-C

Analyst: EAB



Client Sample ID: **RHMW02-WG20**

SGS Ref. #: 1103478007

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	3.06	0.435	0.163	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	83.6	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 21:28

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 920 mL

Prep Extract Vol.: 1 mL

Container ID:1103478007-J

Analyst: HM

Client Sample ID: **RHMW02-WG20**

SGS Ref. #: 1103478007

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.360J	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	

Client Sample ID: **RHMW02-WG20**

SGS Ref. #: 1103478007

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	107	20.0	6.20	ug/L	10	VMS11403	VXX20964	
n-Butylbenzene	4.41	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	7.92	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.690J	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	4.17	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	1.52	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <sur>	107	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <sur>	100	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <sur>	94.2	80-120		%	1	VMS11399	VXX20956	



Client Sample ID: **RHMW02-WG20**  
SGS Ref. #: 1103478007  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10  
Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399						Prep Batch: VXX20956		Initial Prep Wt./Vol.: 5 mL
Analytical Method: SW8260B						Prep Method: SW5030B		Prep Extract Vol.: 5 mL
Analysis Date/Time: 07/20/10 10:31						Prep Date/Time: 07/19/10 08:14		Container ID:1103478007-A
Dilution Factor: 1								Analyst: SCL
Analytical Batch: VMS11403						Prep Batch: VXX20964		Initial Prep Wt./Vol.: 5 mL
Analytical Method: SW8260B						Prep Method: SW5030B		Prep Extract Vol.: 5 mL
Analysis Date/Time: 07/20/10 23:58						Prep Date/Time: 07/19/10 14:07		Container ID:1103478007-B
Dilution Factor: 10								Analyst: SCL





Client Sample ID: **RHMW02-WG20**  
 SGS Ref. #: 1103478007  
 Project ID: 3354-003 Red Hill  
 Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 14:10  
 Receipt Date/Time: 07/15/10 12:35

**Polynuclear Aromatics GC/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
1-Methylnaphthalene	7.43	2.15	0.645	ug/L	40	XMS5529	XXX23075	
2-Methylnaphthalene	1.06	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.287	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Fluorene	0.159	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Naphthalene	59.9	4.30	1.33	ug/L	40	XMS5529	XXX23075	
Phenanthrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0322 U	0.0538	0.0161	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <sur>	90.7	50-135		%	1	XMS5528	XXX23075	

**Batch Information**

Analytical Batch: XMS5528	Prep Batch: XXX23075	Initial Prep Wt./Vol.: 930 mL
Analytical Method: 8270D SIMS	Prep Method: SW3520C	Prep Extract Vol.: 1 mL
Analysis Date/Time: 07/20/10 00:54	Prep Date/Time: 07/19/10 09:05	Container ID:1103478007-I
Dilution Factor: 1		Analyst: CDE
Analytical Batch: XMS5529	Prep Batch: XXX23075	Initial Prep Wt./Vol.: 930 mL
Analytical Method: 8270D SIMS	Prep Method: SW3520C	Prep Extract Vol.: 1 mL
Analysis Date/Time: 07/20/10 08:57	Prep Date/Time: 07/19/10 09:05	Container ID:1103478007-I
Dilution Factor: 40		Analyst: CDE



Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Dissolved Metals by ICP/MS**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Lead	0.620 U	1.00	0.310	ug/L	5	MMS6543	MXX23243	

**Batch Information**

Analytical Batch: MMS6543

Analytical Method: SW6020

Analysis Date/Time: 07/21/10 19:46

Dilution Factor: 5

Prep Batch: MXX23243

Prep Method: SW3010A

Prep Date/Time: 07/16/10 18:10

Initial Prep Wt./Vol.: 50 mL

Prep Extract Vol.: 50 mL

Container ID:1103478008-G

Analyst: KDC



Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	45.4J	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	120	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038  
Analytical Method: SW8015C  
Analysis Date/Time: 07/25/10 17:14  
Dilution Factor: 1

Prep Batch: VXX20986  
Prep Method: SW5030B  
Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL  
Prep Extract Vol.: 5 mL  
Container ID:1103478008-C  
Analyst: EAB



Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	3.11	0.426	0.160	mg/L	1	XFC9360	XXX23089	
5a Androstane <sur>	83.4	50-150		%	1	XFC9360	XXX23089	

**Batch Information**

Analytical Batch: XFC9360

Analytical Method: SW8015C

Analysis Date/Time: 07/21/10 21:49

Dilution Factor: 1

Prep Batch: XXX23089

Prep Method: SW3520C

Prep Date/Time: 07/20/10 09:30

Initial Prep Wt./Vol.: 940 mL

Prep Extract Vol.: 1 mL

Container ID:1103478008-J

Analyst: HM

Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	



Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	102	20.0	6.20	ug/L	10	VMS11403	VXX20964	
n-Butylbenzene	4.89	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	8.85	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.660J	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	4.66	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	1.61	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <sur>	110	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <sur>	100	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <sur>	94.1	80-120		%	1	VMS11399	VXX20956	



Client Sample ID: **RHMWA01-WG20**

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399							Prep Batch: VXX20956	Initial Prep Wt./Vol.: 5 mL
Analytical Method: SW8260B							Prep Method: SW5030B	Prep Extract Vol.: 5 mL
Analysis Date/Time: 07/20/10 11:05							Prep Date/Time: 07/19/10 08:14	Container ID:1103478008-A
Dilution Factor: 1								Analyst: SCL
Analytical Batch: VMS11403							Prep Batch: VXX20964	Initial Prep Wt./Vol.: 5 mL
Analytical Method: SW8260B							Prep Method: SW5030B	Prep Extract Vol.: 5 mL
Analysis Date/Time: 07/21/10 00:31							Prep Date/Time: 07/19/10 14:07	Container ID:1103478008-B
Dilution Factor: 10								Analyst: SCL



Client Sample ID: RHMWA01-WG20

SGS Ref. #: 1103478008

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 12:05

Receipt Date/Time: 07/15/10 12:35

Polynuclear Aromatics GC/MS

Parameter	Result	LOQ/CL	DL	Units	DF	Analytical Batch	Prep Batch	Qualifiers
1-Methylnaphthalene	7.05	2.09	0.628	ug/L	40	XMS5529	XXX23075	
2-Methylnaphthalene	0.937	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Acenaphthene	0.309	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Acenaphthylene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Anthracene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Benzo(a)Anthracene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Benzo[a]pyrene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Benzo[b]Fluoranthene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Benzo[g,h,i]perylene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Benzo[k]fluoranthene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Chrysene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Dibenzo[a,h]anthracene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Fluoranthene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Fluorene	0.165	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Indeno[1,2,3-c,d] pyrene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Naphthalene	61.1	4.19	1.30	ug/L	40	XMS5529	XXX23075	
Phenanthrene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Pyrene	0.0314 U	0.0524	0.0157	ug/L	1	XMS5528	XXX23075	
Terphenyl-d14 <sur>	87.5	50-135		%	1	XMS5528	XXX23075	

Batch Information

Analytical Batch: XMS5528	Prep Batch: XXX23075	Initial Prep Wt./Vol.: 955 mL
Analytical Method: 8270D SIMS	Prep Method: SW3520C	Prep Extract Vol.: 1 mL
Analysis Date/Time: 07/20/10 01:12	Prep Date/Time: 07/19/10 09:05	Container ID:1103478008-I
Dilution Factor: 1		Analyst: CDE
Analytical Batch: XMS5529	Prep Batch: XXX23075	Initial Prep Wt./Vol.: 955 mL
Analytical Method: 8270D SIMS	Prep Method: SW3520C	Prep Extract Vol.: 1 mL
Analysis Date/Time: 07/20/10 09:15	Prep Date/Time: 07/19/10 09:05	Container ID:1103478008-I
Dilution Factor: 40		Analyst: CDE





The Environmental Company, Inc. (TEC)

Print Date: 8/17/2010 10:37 am

Client Sample ID: **TB01-WG20**  
SGS Ref. #: 1103478009  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 08:05  
Receipt Date/Time: 07/15/10 12:35

**Volatile Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Gasoline Range Organics	60.0 U	100	30.0	ug/L	1	VFC10038	VXX20986	
4-Bromofluorobenzene <sur>	105	50-150		%	1	VFC10038	VXX20986	

**Batch Information**

Analytical Batch: VFC10038  
Analytical Method: SW8015C  
Analysis Date/Time: 07/25/10 14:57  
Dilution Factor: 1

Prep Batch: VXX20986  
Prep Method: SW5030B  
Prep Date/Time: 07/25/10 10:00

Initial Prep Wt./Vol.: 5 mL  
Prep Extract Vol.: 5 mL  
Container ID:1103478009-A  
Analyst: EAB

Client Sample ID: **TB01-WG20**

SGS Ref. #: 1103478009

Project ID: 3354-003 Red Hill

Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 08:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
2-Hexanone	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	1	VMS11399	VXX20956	
Benzene	0.240 U	0.400	0.120	ug/L	1	VMS11399	VXX20956	
Bromobenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromochloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Bromoform	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Bromomethane	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
Carbon disulfide	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chlorobenzene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	



Client Sample ID: **TB01-WG20**  
SGS Ref. #: 1103478009  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 08:05

Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
Chloroethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Chloroform	0.600 U	1.00	0.300	ug/L	1	VMS11399	VXX20956	
Chloromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	1	VMS11399	VXX20956	
Dibromomethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Ethylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Methylene chloride	2.00 U	5.00	1.00	ug/L	1	VMS11399	VXX20956	
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	1	VMS11399	VXX20956	
Naphthalene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
o-Xylene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
P & M -Xylene	1.24 U	2.00	0.620	ug/L	1	VMS11399	VXX20956	
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Styrene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Toluene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichloroethene	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Vinyl chloride	0.620 U	1.00	0.310	ug/L	1	VMS11399	VXX20956	
Xylenes (total)	1.88 U	3.00	0.940	ug/L	1	VMS11399	VXX20956	
1,2-Dichloroethane-D4 <surrr>	107	73-120		%	1	VMS11399	VXX20956	
4-Bromofluorobenzene <surrr>	102	76-120		%	1	VMS11399	VXX20956	
Toluene-d8 <surrr>	99.6	80-120		%	1	VMS11399	VXX20956	



Client Sample ID: **TB01-WG20**  
SGS Ref. #: 1103478009  
Project ID: 3354-003 Red Hill  
Matrix: Water (Surface, Eff., Ground)

Collection Date/Time: 07/13/10 08:05  
Receipt Date/Time: 07/15/10 12:35

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>LOQ/CL</u>	<u>DL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
<b>Batch Information</b>								
Analytical Batch: VMS11399			Prep Batch: VXX20956				Initial Prep Wt./Vol.: 5 mL	
Analytical Method: SW8260B			Prep Method: SW5030B				Prep Extract Vol.: 5 mL	
Analysis Date/Time: 07/20/10 08:16			Prep Date/Time: 07/19/10 08:14				Container ID:1103478009-B	
Dilution Factor: 1							Analyst: SCL	



**SGS Ref.#** 974243 Method Blank  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** XXX23075  
**Method** SW3520C  
**Date** 07/19/2010

QC results affect the following production samples:

1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
<b><u>Polynuclear Aromatics GC/MS</u></b>					
1-Methylnaphthalene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
2-Methylnaphthalene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Acenaphthene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Acenaphthylene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Anthracene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Benzo(a)Anthracene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Benzo[a]pyrene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Benzo[b]Fluoranthene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Benzo[g,h,i]perylene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Benzo[k]fluoranthene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Chrysene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Dibenzo[a,h]anthracene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Fluoranthene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Fluorene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Indeno[1,2,3-c,d] pyrene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Naphthalene	0.0620 U	0.100	0.0310	ug/L	07/19/10
Phenanthrene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
Pyrene	0.0300 U	0.0500	0.0150	ug/L	07/19/10
<b>Surrogates</b>					
Terphenyl-d14 <surr>	97.1	50-135		%	07/19/10
<b>Batch</b>	XMS5528				
<b>Method</b>	8270D SIMS				
<b>Instrument</b>	HP 6890/5973 MS SVQA				



SGS Ref.# 974420 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch MXX23243  
Method SW3010A  
Date 07/16/2010

QC results affect the following production samples:

1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Metals by ICP/MS**

Lead	0.620 U	1.00	0.310	ug/L	07/21/10
Batch	MMS6543				
Method	SW6020				
Instrument	Perkin Elmer Sciex ICP-MS P3				



SGS Ref.# 974677 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch XXX23089  
Method SW3520C  
Date 07/20/2010

QC results affect the following production samples:

1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Semivolatile Organic Fuels Department**

Diesel Range Organics	0.300 U	0.400	0.150	mg/L	07/21/10
-----------------------	---------	-------	-------	------	----------

**Surrogates**

5a Androstane <surr>	77.6	60-120		%	07/21/10
----------------------	------	--------	--	---	----------

Batch XFC9360  
Method SW8015C  
Instrument HP 7890A FID SV E R



SGS Ref.# 974725 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20956  
Method SW5030B  
Date 07/19/2010

QC results affect the following production samples:

1103478004, 1103478005, 1103478006, 1103478007, 1103478008, 1103478009

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

Volatile Gas Chromatography/Mass Spectroscopy





SGS Ref.# 974725 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20956  
Method SW5030B  
Date 07/19/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	07/20/10
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	07/20/10
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	07/20/10
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	07/20/10
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	07/20/10
2-Hexanone	6.20 U	10.0	3.10	ug/L	07/20/10
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	07/20/10
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	07/20/10
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	07/20/10
Benzene	0.240 U	0.400	0.120	ug/L	07/20/10
Bromobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Bromochloromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	07/20/10
Bromoform	0.620 U	1.00	0.310	ug/L	07/20/10
Bromomethane	1.88 U	3.00	0.940	ug/L	07/20/10
Carbon disulfide	1.24 U	2.00	0.620	ug/L	07/20/10
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	07/20/10
Chlorobenzene	0.300 U	0.500	0.150	ug/L	07/20/10
Chloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
Chloroform	0.600 U	1.00	0.300	ug/L	07/20/10
Chloromethane	0.620 U	1.00	0.310	ug/L	07/20/10



**SGS Ref.#** 974725 Method Blank  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch Method** VXX20956  
**Date** SW5030B  
 07/19/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	07/20/10
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	07/20/10
Dibromomethane	0.620 U	1.00	0.310	ug/L	07/20/10
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Ethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	07/20/10
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	07/20/10
Methylene chloride	2.00 U	5.00	1.00	ug/L	07/20/10
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	07/20/10
Naphthalene	1.24 U	2.00	0.620	ug/L	07/20/10
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
o-Xylene	0.620 U	1.00	0.310	ug/L	07/20/10
P & M -Xylene	1.24 U	2.00	0.620	ug/L	07/20/10
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Styrene	0.620 U	1.00	0.310	ug/L	07/20/10
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
Toluene	0.620 U	1.00	0.310	ug/L	07/20/10
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	07/20/10
Trichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Vinyl chloride	0.620 U	1.00	0.310	ug/L	07/20/10
Xylenes (total)	1.88 U	3.00	0.940	ug/L	07/20/10

**Surrogates**

1,2-Dichloroethane-D4 <surr>	108	73-120		%	07/20/10
4-Bromofluorobenzene <surr>	102	76-120		%	07/20/10
Toluene-d8 <surr>	100	80-120		%	07/20/10

**Batch** VMS11399  
**Method** SW8260B  
**Instrument** HP 5890 Series II MS3 VNA



SGS Ref.# 975092 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20964  
Method SW5030B  
Date 07/19/2010

QC results affect the following production samples:  
1103478001, 1103478007, 1103478008

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

Volatile Gas Chromatography/Mass Spectroscopy



**SGS Ref.#** 975092      Method Blank  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch Method Date** VXX20964  
 SW5030B  
 07/19/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>					
1,1,1,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,1,1-Trichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1,2,2-Tetrachloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,1,2-Trichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
1,1-Dichloropropene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,3-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,3-Trichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,4-Trichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2,4-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dibromo-3-chloropropane	1.24 U	2.00	0.620	ug/L	07/20/10
1,2-Dibromoethane	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,2-Dichloroethane	0.300 U	0.500	0.150	ug/L	07/20/10
1,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
1,3,5-Trimethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,3-Dichlorobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
1,3-Dichloropropane	0.240 U	0.400	0.120	ug/L	07/20/10
1,4-Dichlorobenzene	0.300 U	0.500	0.150	ug/L	07/20/10
2,2-Dichloropropane	0.620 U	1.00	0.310	ug/L	07/20/10
2-Butanone (MEK)	6.20 U	10.0	3.10	ug/L	07/20/10
2-Chlorotoluene	0.620 U	1.00	0.310	ug/L	07/20/10
2-Hexanone	6.20 U	10.0	3.10	ug/L	07/20/10
4-Chlorotoluene	0.620 U	1.00	0.310	ug/L	07/20/10
4-Isopropyltoluene	0.620 U	1.00	0.310	ug/L	07/20/10
4-Methyl-2-pentanone (MIBK)	6.20 U	10.0	3.10	ug/L	07/20/10
Benzene	0.240 U	0.400	0.120	ug/L	07/20/10
Bromobenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Bromochloromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Bromodichloromethane	0.300 U	0.500	0.150	ug/L	07/20/10
Bromoform	0.620 U	1.00	0.310	ug/L	07/20/10
Bromomethane	1.88 U	3.00	0.940	ug/L	07/20/10
Carbon disulfide	1.24 U	2.00	0.620	ug/L	07/20/10
Carbon tetrachloride	0.620 U	1.00	0.310	ug/L	07/20/10
Chlorobenzene	0.300 U	0.500	0.150	ug/L	07/20/10
Chloroethane	0.620 U	1.00	0.310	ug/L	07/20/10
Chloroform	0.600 U	1.00	0.300	ug/L	07/20/10
Chloromethane	0.620 U	1.00	0.310	ug/L	07/20/10



**SGS Ref.#** 975092      **Method Blank**  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** VXX20964  
**Method** SW5030B  
**Date** 07/19/2010

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

cis-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
cis-1,3-Dichloropropene	0.300 U	0.500	0.150	ug/L	07/20/10
Dibromochloromethane	0.300 U	0.500	0.150	ug/L	07/20/10
Dibromomethane	0.620 U	1.00	0.310	ug/L	07/20/10
Dichlorodifluoromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Ethylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Hexachlorobutadiene	0.620 U	1.00	0.310	ug/L	07/20/10
Isopropylbenzene (Cumene)	0.620 U	1.00	0.310	ug/L	07/20/10
Methylene chloride	2.00 U	5.00	1.00	ug/L	07/20/10
Methyl-t-butyl ether	3.00 U	5.00	1.50	ug/L	07/20/10
Naphthalene	1.24 U	2.00	0.620	ug/L	07/20/10
n-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
n-Propylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
o-Xylene	0.620 U	1.00	0.310	ug/L	07/20/10
P & M -Xylene	1.24 U	2.00	0.620	ug/L	07/20/10
sec-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Styrene	0.620 U	1.00	0.310	ug/L	07/20/10
tert-Butylbenzene	0.620 U	1.00	0.310	ug/L	07/20/10
Tetrachloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
Toluene	0.620 U	1.00	0.310	ug/L	07/20/10
trans-1,2-Dichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
trans-1,3-Dichloropropene	0.620 U	1.00	0.310	ug/L	07/20/10
Trichloroethene	0.620 U	1.00	0.310	ug/L	07/20/10
Trichlorofluoromethane	0.620 U	1.00	0.310	ug/L	07/20/10
Vinyl chloride	0.620 U	1.00	0.310	ug/L	07/20/10
Xylenes (total)	1.88 U	3.00	0.940	ug/L	07/20/10

**Surrogates**

1,2-Dichloroethane-D4 <surr>	119	73-120		%	07/20/10
4-Bromofluorobenzene <surr>	93.2	76-120		%	07/20/10
Toluene-d8 <surr>	93.8	80-120		%	07/20/10

**Batch** VMS11403  
**Method** SW8260B  
**Instrument** HP 5890 Series II MS3 VNA



SGS Ref.# 975359 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch MXX23263  
Method SW3010A  
Date 07/21/2010

QC results affect the following production samples:

1103478001

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Metals by ICP/MS**

Lead	0.620 U	1.00	0.310	ug/L	07/27/10
------	---------	------	-------	------	----------

Batch MMS6555

Method SW6020

Instrument Perkin Elmer Sciex ICP-MS P3



SGS Ref.# 976050 Method Blank  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20986  
Method SW5030B  
Date 07/25/2010

QC results affect the following production samples:

1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008, 1103478009

Parameter	Results	LOQ/CL	DL	Units	Analysis Date
-----------	---------	--------	----	-------	---------------

**Volatile Fuels Department**

Gasoline Range Organics	60.0 U	100	30.0	ug/L	07/25/10
-------------------------	--------	-----	------	------	----------

**Surrogates**

4-Bromofluorobenzene <surrogate>	101	50-150		%	07/25/10
----------------------------------	-----	--------	--	---	----------

Batch VFC10038

Method SW8015C

Instrument HP 5890 Series II PID+FID VCA



SGS Ref.# 974244 Lab Control Sample

Printed Date/Time 08/17/2010 10:37  
 Prep Batch XXX23075  
 Method SW3520C  
 Date 07/19/2010

Client Name The Environmental Company, Inc. (TEC)  
 Project Name/# 3354-003 Red Hill  
 Matrix Water (Surface, Eff., Ground)

QC results affect the following production samples:

1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Polynuclear Aromatics GC/MS</u></b>								
1-Methylnaphthalene	LCS	0.436	87	( 58-114 )			0.5 ug/L	07/20/2010
2-Methylnaphthalene	LCS	0.398	80	( 54-105 )			0.5 ug/L	07/20/2010
Acenaphthene	LCS	0.429	86	( 57-110 )			0.5 ug/L	07/20/2010
Acenaphthylene	LCS	0.440	88	( 58-105 )			0.5 ug/L	07/20/2010
Anthracene	LCS	0.458	92	( 63-120 )			0.5 ug/L	07/20/2010
Benzo(a)Anthracene	LCS	0.477	95	( 61-120 )			0.5 ug/L	07/20/2010
Benzo[a]pyrene	LCS	0.420	84	( 57-120 )			0.5 ug/L	07/20/2010
Benzo[b]Fluoranthene	LCS	0.505	101	( 66-130 )			0.5 ug/L	07/20/2010
Benzo[g,h,i]perylene	LCS	0.513	103	( 60-125 )			0.5 ug/L	07/20/2010
Benzo[k]fluoranthene	LCS	0.476	95	( 67-125 )			0.5 ug/L	07/20/2010
Chrysene	LCS	0.500	100	( 71-120 )			0.5 ug/L	07/20/2010
Dibenzo[a,h]anthracene	LCS	0.498	100	( 56-125 )			0.5 ug/L	07/20/2010
Fluoranthene	LCS	0.455	91	( 63-125 )			0.5 ug/L	07/20/2010
Fluorene	LCS	0.461	92	( 59-120 )			0.5 ug/L	07/20/2010
Indeno[1,2,3-c,d] pyrene	LCS	0.510	102	( 59-125 )			0.5 ug/L	07/20/2010
Naphthalene	LCS	0.473	95	( 56-108 )			0.5 ug/L	07/20/2010
Phenanthrene	LCS	0.427	86	( 60-115 )			0.5 ug/L	07/20/2010
Pyrene	LCS	0.464	93	( 62-130 )			0.5 ug/L	07/20/2010
<b>Surrogates</b>								
Terphenyl-d14 <surr>	LCS		92	( 50-135 )				07/20/2010





SGS Ref.# 974244 Lab Control Sample

Printed Date/Time 08/17/2010 10:37

Client Name The Environmental Company, Inc. (TEC)

Prep Batch XXX23075

Project Name/# 3354-003 Red Hill

Method SW3520C

Matrix Water (Surface, Eff., Ground)

Date 07/19/2010

---

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

---

**Polynuclear Aromatics GC/MS**

Batch XMS5529

Method 8270D SIMS

Instrument HP 6890/5973 MS SVQA



SGS Ref.# 974421 Lab Control Sample

Printed Date/Time 08/17/2010 10:37  
Prep Batch MXX23243  
Method SW3010A  
Date 07/16/2010

Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

QC results affect the following production samples:  
1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

**Metals by ICP/MS**

Lead	LCS	1030	103	( 80-120 )		1000 ug/L	07/21/2010
------	-----	------	-----	------------	--	-----------	------------

Batch MMS6543  
Method SW6020  
Instrument Perkin Elmer Sciex ICP-MS P3



**SGS Ref.#** 974679 Lab Control Sample  
 974681 Lab Control Sample Duplicate  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** XXX23089  
**Method** SW3520C  
**Date** 07/20/2010

QC results affect the following production samples:  
 1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Semivolatile Organic Fuels Department</b>							
Diesel Range Organics	LCS	4.19	84	( 75-125 )		5 mg/L	07/21/2010
	LCSD	4.28	86		2	(< 20 )	5 mg/L 07/21/2010
<b>Surrogates</b>							
5a Androstane <surr>	LCS		84	( 60-120 )			07/21/2010
	LCSD		84		0		07/21/2010
<b>Batch</b>	XFC9360						
<b>Method</b>	SW8015C						
<b>Instrument</b>	HP 7890A FID SV E R						



SGS Ref.# 974726 Lab Control Sample  
974727 Lab Control Sample Duplicate  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20956  
Method SW5030B  
Date 07/19/2010

QC results affect the following production samples:

1103478004, 1103478005, 1103478006, 1103478007, 1103478008, 1103478009

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

Volatile Gas Chromatography/Mass Spectroscopy



**SGS Ref.#** 974726 Lab Control Sample  
 974727 Lab Control Sample Duplicate  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** VXX20956  
**Method** SW5030B  
**Date** 07/19/2010

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
1,1,1,2-Tetrachloroethane	LCS	29.1	97	( 80-120 )			30 ug/L	07/20/2010
	LCSD	28.9	96		1	(< 20 )	30 ug/L	07/20/2010
1,1,1-Trichloroethane	LCS	24.4	82	( 80-122 )			30 ug/L	07/20/2010
	LCSD	23.4	78 *		5	(< 20 )	30 ug/L	07/20/2010
1,1,2,2-Tetrachloroethane	LCS	29.1	97	( 76-123 )			30 ug/L	07/20/2010
	LCSD	27.4	91		6	(< 20 )	30 ug/L	07/20/2010
1,1,2-Trichloroethane	LCS	29.4	98	( 77-120 )			30 ug/L	07/20/2010
	LCSD	28.8	96		2	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloroethane	LCS	26.7	89	( 80-120 )			30 ug/L	07/20/2010
	LCSD	28.5	95		6	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloroethene	LCS	26.9	90	( 76-130 )			30 ug/L	07/20/2010
	LCSD	27.6	92		3	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloropropene	LCS	31.4	105	( 80-122 )			30 ug/L	07/20/2010
	LCSD	30.5	102		3	(< 20 )	30 ug/L	07/20/2010
1,2,3-Trichlorobenzene	LCS	30.7	102	( 77-120 )			30 ug/L	07/20/2010
	LCSD	29.9	100		3	(< 20 )	30 ug/L	07/20/2010
1,2,3-Trichloropropane	LCS	30.5	102	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.2	97		4	(< 20 )	30 ug/L	07/20/2010
1,2,4-Trichlorobenzene	LCS	31.5	105	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.7	99		6	(< 20 )	30 ug/L	07/20/2010
1,2,4-Trimethylbenzene	LCS	30.7	102	( 80-125 )			30 ug/L	07/20/2010
	LCSD	29.1	97		5	(< 20 )	30 ug/L	07/20/2010
1,2-Dibromo-3-chloropropane	LCS	28.9	96	( 73-130 )			30 ug/L	07/20/2010
	LCSD	28.9	96		0	(< 20 )	30 ug/L	07/20/2010
1,2-Dibromoethane	LCS	31.3	104	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.2	101		4	(< 20 )	30 ug/L	07/20/2010
1,2-Dichlorobenzene	LCS	29.4	98	( 80-120 )			30 ug/L	07/20/2010
	LCSD	27.9	93		5	(< 20 )	30 ug/L	07/20/2010



**SGS Ref.#** 974726 Lab Control Sample  
 974727 Lab Control Sample Duplicate  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** VXX20956  
**Method** SW5030B  
**Date** 07/19/2010

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
1,2-Dichloroethane	LCS	29.4	98	( 80-129 )			30 ug/L	07/20/2010
	LCSD	28.8	96		2	(< 20 )	30 ug/L	07/20/2010
1,2-Dichloropropane	LCS	30.6	102	( 80-121 )			30 ug/L	07/20/2010
	LCSD	30.4	101		1	(< 20 )	30 ug/L	07/20/2010
1,3,5-Trimethylbenzene	LCS	30.7	102	( 80-128 )			30 ug/L	07/20/2010
	LCSD	29.0	97		6	(< 20 )	30 ug/L	07/20/2010
1,3-Dichlorobenzene	LCS	32.0	107	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.3	101		6	(< 20 )	30 ug/L	07/20/2010
1,3-Dichloropropane	LCS	31.7	106	( 80-121 )			30 ug/L	07/20/2010
	LCSD	30.3	101		5	(< 20 )	30 ug/L	07/20/2010
1,4-Dichlorobenzene	LCS	32.7	109	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.4	105		4	(< 20 )	30 ug/L	07/20/2010
2,2-Dichloropropane	LCS	27.7	92	( 80-132 )			30 ug/L	07/20/2010
	LCSD	29.0	97		5	(< 20 )	30 ug/L	07/20/2010
2-Butanone (MEK)	LCS	92.8	103	( 66-136 )			90 ug/L	07/20/2010
	LCSD	90.2	100		3	(< 20 )	90 ug/L	07/20/2010
2-Chlorotoluene	LCS	33.2	111	( 80-125 )			30 ug/L	07/20/2010
	LCSD	31.2	104		6	(< 20 )	30 ug/L	07/20/2010
2-Hexanone	LCS	99.3	110	( 68-130 )			90 ug/L	07/20/2010
	LCSD	95.3	106		4	(< 20 )	90 ug/L	07/20/2010
4-Chlorotoluene	LCS	33.4	111	( 79-128 )			30 ug/L	07/20/2010
	LCSD	31.6	105		5	(< 20 )	30 ug/L	07/20/2010
4-Isopropyltoluene	LCS	31.4	105	( 80-125 )			30 ug/L	07/20/2010
	LCSD	29.7	99		6	(< 20 )	30 ug/L	07/20/2010
4-Methyl-2-pentanone (MIBK)	LCS	90.9	101	( 69-134 )			90 ug/L	07/20/2010
	LCSD	85.2	95		6	(< 20 )	90 ug/L	07/20/2010
Benzene	LCS	31.7	106	( 80-120 )			30 ug/L	07/20/2010



SGS Ref.#	974726	Lab Control Sample	Printed Date/Time	08/17/2010	10:37
	974727	Lab Control Sample Duplicate	Prep	VXX20956	
Client Name	The Environmental Company, Inc. (TEC)		Batch	SW5030B	
Project Name/#	3354-003 Red Hill		Method		
Matrix	Water (Surface, Eff., Ground)		Date	07/19/2010	

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
	LCSD	31.1	104		2	(< 20)	30 ug/L	07/20/2010
Bromobenzene	LCS	29.6	99	( 80-120 )			30 ug/L	07/20/2010
	LCSD	28.2	94		5	(< 20)	30 ug/L	07/20/2010
Bromochloromethane	LCS	27.0	90	( 77-129 )			30 ug/L	07/20/2010
	LCSD	28.9	97		7	(< 20)	30 ug/L	07/20/2010
Bromodichloromethane	LCS	29.8	99	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.2	98		2	(< 20)	30 ug/L	07/20/2010
Bromoform	LCS	28.1	94	( 80-120 )			30 ug/L	07/20/2010
	LCSD	28.0	93		0	(< 20)	30 ug/L	07/20/2010
Bromomethane	LCS	28.9	96	( 30-140 )			30 ug/L	07/20/2010
	LCSD	30.6	102		6	(< 20)	30 ug/L	07/20/2010
Carbon disulfide	LCS	42.2	94	( 72-123 )			45 ug/L	07/20/2010
	LCSD	43.6	97		3	(< 20)	45 ug/L	07/20/2010
Carbon tetrachloride	LCS	27.0	90	( 80-126 )			30 ug/L	07/20/2010
	LCSD	28.8	96		7	(< 20)	30 ug/L	07/20/2010
Chlorobenzene	LCS	30.6	102	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.2	101		1	(< 20)	30 ug/L	07/20/2010
Chloroethane	LCS	29.4	98	( 67-133 )			30 ug/L	07/20/2010
	LCSD	30.1	100		3	(< 20)	30 ug/L	07/20/2010
Chloroform	LCS	26.4	88	( 80-124 )			30 ug/L	07/20/2010
	LCSD	27.9	93		5	(< 20)	30 ug/L	07/20/2010
Chloromethane	LCS	25.6	86	( 67-125 )			30 ug/L	07/20/2010
	LCSD	27.5	92		7	(< 20)	30 ug/L	07/20/2010
cis-1,2-Dichloroethene	LCS	26.1	87	( 80-125 )			30 ug/L	07/20/2010
	LCSD	28.1	94		8	(< 20)	30 ug/L	07/20/2010
cis-1,3-Dichloropropene	LCS	30.3	101	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.3	98		4	(< 20)	30 ug/L	07/20/2010



<b>SGS Ref.#</b>	974726 Lab Control Sample	<b>Printed Date/Time</b>	08/17/2010 10:37
	974727 Lab Control Sample Duplicate	<b>Prep</b>	VXX20956
<b>Client Name</b>	The Environmental Company, Inc. (TEC)	<b>Batch</b>	SW5030B
<b>Project Name/#</b>	3354-003 Red Hill	<b>Method</b>	
<b>Matrix</b>	Water (Surface, Eff., Ground)	<b>Date</b>	07/19/2010

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
Dibromochloromethane	LCS	29.7	99	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.2	97		2	(< 20 )	30 ug/L	07/20/2010
Dibromomethane	LCS	28.5	95	( 80-120 )			30 ug/L	07/20/2010
	LCSD	27.3	91		4	(< 20 )	30 ug/L	07/20/2010
Dichlorodifluoromethane	LCS	26.8	89	( 62-153 )			30 ug/L	07/20/2010
	LCSD	28.1	94		5	(< 20 )	30 ug/L	07/20/2010
Ethylbenzene	LCS	31.9	106	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.4	105		2	(< 20 )	30 ug/L	07/20/2010
Hexachlorobutadiene	LCS	30.5	102	( 77-125 )			30 ug/L	07/20/2010
	LCSD	28.2	94		8	(< 20 )	30 ug/L	07/20/2010
Isopropylbenzene (Cumene)	LCS	30.1	100	( 80-121 )			30 ug/L	07/20/2010
	LCSD	29.8	100		1	(< 20 )	30 ug/L	07/20/2010
Methylene chloride	LCS	26.5	89	( 63-131 )			30 ug/L	07/20/2010
	LCSD	27.6	92		4	(< 20 )	30 ug/L	07/20/2010
Methyl-t-butyl ether	LCS	40.6	90	( 80-120 )			45 ug/L	07/20/2010
	LCSD	42.8	95		5	(< 20 )	45 ug/L	07/20/2010
Naphthalene	LCS	32.3	108	( 75-120 )			30 ug/L	07/20/2010
	LCSD	30.5	102		6	(< 20 )	30 ug/L	07/20/2010
n-Butylbenzene	LCS	31.7	106	( 80-124 )			30 ug/L	07/20/2010
	LCSD	30.4	101		4	(< 20 )	30 ug/L	07/20/2010
n-Propylbenzene	LCS	34.2	114	( 80-129 )			30 ug/L	07/20/2010
	LCSD	32.5	108		5	(< 20 )	30 ug/L	07/20/2010
o-Xylene	LCS	30.9	103	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.7	102		1	(< 20 )	30 ug/L	07/20/2010
P & M -Xylene	LCS	59.6	99	( 80-120 )			60 ug/L	07/20/2010
	LCSD	59.3	99		0	(< 20 )	60 ug/L	07/20/2010
sec-Butylbenzene	LCS	31.2	104	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.7	99		5	(< 20 )	30 ug/L	07/20/2010





<b>SGS Ref.#</b>	974726	Lab Control Sample	<b>Printed Date/Time</b>	08/17/2010	10:37
	974727	Lab Control Sample Duplicate	<b>Prep</b>	<b>Batch</b>	VXX20956
<b>Client Name</b>	The Environmental Company, Inc. (TEC)		<b>Method</b>	SW5030B	
<b>Project Name/#</b>	3354-003 Red Hill		<b>Date</b>	07/19/2010	
<b>Matrix</b>	Water (Surface, Eff., Ground)				

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
Styrene	LCS	30.1	100	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.7	99		1	(< 20 )	30 ug/L	07/20/2010
tert-Butylbenzene	LCS	30.2	101	( 80-122 )			30 ug/L	07/20/2010
	LCSD	28.3	95		6	(< 20 )	30 ug/L	07/20/2010
Tetrachloroethene	LCS	29.6	99	( 79-122 )			30 ug/L	07/20/2010
	LCSD	29.2	97		1	(< 20 )	30 ug/L	07/20/2010
Toluene	LCS	29.3	98	( 77-120 )			30 ug/L	07/20/2010
	LCSD	29.0	97		1	(< 20 )	30 ug/L	07/20/2010
trans-1,2-Dichloroethene	LCS	26.0	87	( 79-132 )			30 ug/L	07/20/2010
	LCSD	26.9	90		4	(< 20 )	30 ug/L	07/20/2010
trans-1,3-Dichloropropene	LCS	30.3	101	( 80-124 )			30 ug/L	07/20/2010
	LCSD	30.0	100		1	(< 20 )	30 ug/L	07/20/2010
Trichloroethene	LCS	29.4	98	( 80-125 )			30 ug/L	07/20/2010
	LCSD	29.4	98		0	(< 20 )	30 ug/L	07/20/2010
Trichlorofluoromethane	LCS	25.3	84	( 68-145 )			30 ug/L	07/20/2010
	LCSD	26.1	87		3	(< 20 )	30 ug/L	07/20/2010
Vinyl chloride	LCS	26.7	89	( 72-145 )			30 ug/L	07/20/2010
	LCSD	28.2	94		5	(< 20 )	30 ug/L	07/20/2010
Xylenes (total)	LCS	90.5	101	( 80-120 )			90 ug/L	07/20/2010
	LCSD	90.0	100		1	(< 20 )	90 ug/L	07/20/2010
<b>Surrogates</b>								
1,2-Dichloroethane-D4 <surr>	LCS		98	( 73-120 )				07/20/2010
	LCSD		98		0			07/20/2010
4-Bromofluorobenzene <surr>	LCS		103	( 76-120 )				07/20/2010
	LCSD		101		2			07/20/2010
Toluene-d8 <surr>	LCS		101	( 80-120 )				07/20/2010
	LCSD		104		3			07/20/2010



SGS Ref.# 974726 Lab Control Sample  
974727 Lab Control Sample Duplicate  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20956  
Method SW5030B  
Date 07/19/2010

---

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

---

**Volatiles Gas Chromatography/Mass Spectroscopy**

Batch VMS11399  
Method SW8260B  
Instrument HP 5890 Series II MS3 VNA



SGS Ref.# 975093 Lab Control Sample  
975094 Lab Control Sample Duplicate  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20964  
Method SW5030B  
Date 07/19/2010

QC results affect the following production samples:  
1103478001, 1103478007, 1103478008

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

Volatile Gas Chromatography/Mass Spectroscopy



**SGS Ref.#** 975093 Lab Control Sample  
 975094 Lab Control Sample Duplicate  
**Client Name** The Environmental Company, Inc. (TEC)  
**Project Name/#** 3354-003 Red Hill  
**Matrix** Water (Surface, Eff., Ground)

**Printed Date/Time** 08/17/2010 10:37  
**Prep Batch** VXX20964  
**Method** SW5030B  
**Date** 07/19/2010

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
1,1,1,2-Tetrachloroethane	LCS	29.9	100	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.2	97		2	(< 20 )	30 ug/L	07/20/2010
1,1,1-Trichloroethane	LCS	29.5	98	( 80-122 )			30 ug/L	07/20/2010
	LCSD	31.3	104		6	(< 20 )	30 ug/L	07/20/2010
1,1,2,2-Tetrachloroethane	LCS	29.7	99	( 76-123 )			30 ug/L	07/20/2010
	LCSD	29.8	99		0	(< 20 )	30 ug/L	07/20/2010
1,1,2-Trichloroethane	LCS	30.3	101	( 77-120 )			30 ug/L	07/20/2010
	LCSD	30.5	102		0	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloroethane	LCS	29.1	97	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.1	100		4	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloroethene	LCS	27.5	92	( 76-130 )			30 ug/L	07/20/2010
	LCSD	29.4	98		7	(< 20 )	30 ug/L	07/20/2010
1,1-Dichloropropene	LCS	30.8	103	( 80-122 )			30 ug/L	07/20/2010
	LCSD	32.5	108		5	(< 20 )	30 ug/L	07/20/2010
1,2,3-Trichlorobenzene	LCS	32.0	107	( 77-120 )			30 ug/L	07/20/2010
	LCSD	31.8	106		1	(< 20 )	30 ug/L	07/20/2010
1,2,3-Trichloropropane	LCS	31.1	104	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.6	102		2	(< 20 )	30 ug/L	07/20/2010
1,2,4-Trichlorobenzene	LCS	31.6	105	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.7	106		0	(< 20 )	30 ug/L	07/20/2010
1,2,4-Trimethylbenzene	LCS	32.0	107	( 80-125 )			30 ug/L	07/20/2010
	LCSD	32.3	108		1	(< 20 )	30 ug/L	07/20/2010
1,2-Dibromo-3-chloropropane	LCS	28.1	94	( 73-130 )			30 ug/L	07/20/2010
	LCSD	28.7	96		2	(< 20 )	30 ug/L	07/20/2010
1,2-Dibromoethane	LCS	31.8	106	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.7	106		0	(< 20 )	30 ug/L	07/20/2010
1,2-Dichlorobenzene	LCS	29.2	98	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.5	98		1	(< 20 )	30 ug/L	07/20/2010



<b>SGS Ref.#</b>	975093	Lab Control Sample	<b>Printed Date/Time</b>	08/17/2010	10:37
	975094	Lab Control Sample Duplicate	<b>Prep</b>	VXX20964	
<b>Client Name</b>	The Environmental Company, Inc. (TEC)		<b>Batch</b>	SW5030B	
<b>Project Name/#</b>	3354-003 Red Hill		<b>Method</b>		
<b>Matrix</b>	Water (Surface, Eff., Ground)		<b>Date</b>	07/19/2010	

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
1,2-Dichloroethane	LCS	29.2	97	( 80-129 )			30 ug/L	07/20/2010
	LCSD	29.2	97		0	(< 20 )	30 ug/L	07/20/2010
1,2-Dichloropropane	LCS	30.8	103	( 80-121 )			30 ug/L	07/20/2010
	LCSD	32.2	107		5	(< 20 )	30 ug/L	07/20/2010
1,3,5-Trimethylbenzene	LCS	31.9	106	( 80-128 )			30 ug/L	07/20/2010
	LCSD	32.1	107		1	(< 20 )	30 ug/L	07/20/2010
1,3-Dichlorobenzene	LCS	31.8	106	( 80-120 )			30 ug/L	07/20/2010
	LCSD	32.5	108		2	(< 20 )	30 ug/L	07/20/2010
1,3-Dichloropropane	LCS	32.5	108	( 80-121 )			30 ug/L	07/20/2010
	LCSD	32.2	107		1	(< 20 )	30 ug/L	07/20/2010
1,4-Dichlorobenzene	LCS	33.6	112	( 80-120 )			30 ug/L	07/20/2010
	LCSD	34.0	113		1	(< 20 )	30 ug/L	07/20/2010
2,2-Dichloropropane	LCS	30.8	103	( 80-132 )			30 ug/L	07/20/2010
	LCSD	33.6	112		9	(< 20 )	30 ug/L	07/20/2010
2-Butanone (MEK)	LCS	96.4	107	( 66-136 )			90 ug/L	07/20/2010
	LCSD	84.4	94		13	(< 20 )	90 ug/L	07/20/2010
2-Chlorotoluene	LCS	34.6	115	( 80-125 )			30 ug/L	07/20/2010
	LCSD	34.7	116		0	(< 20 )	30 ug/L	07/20/2010
2-Hexanone	LCS	94.8	105	( 68-130 )			90 ug/L	07/20/2010
	LCSD	99.1	110		4	(< 20 )	90 ug/L	07/20/2010
4-Chlorotoluene	LCS	35.0	117	( 79-128 )			30 ug/L	07/20/2010
	LCSD	35.5	118		1	(< 20 )	30 ug/L	07/20/2010
4-Isopropyltoluene	LCS	31.7	106	( 80-125 )			30 ug/L	07/20/2010
	LCSD	32.7	109		3	(< 20 )	30 ug/L	07/20/2010
4-Methyl-2-pentanone (MIBK)	LCS	83.6	93	( 69-134 )			90 ug/L	07/20/2010
	LCSD	89.4	99		7	(< 20 )	90 ug/L	07/20/2010
Benzene	LCS	33.9	113	( 80-120 )			30 ug/L	07/20/2010



<b>SGS Ref.#</b>	975093 Lab Control Sample	<b>Printed Date/Time</b>	08/17/2010 10:37
	975094 Lab Control Sample Duplicate	<b>Prep</b>	VXX20964
<b>Client Name</b>	The Environmental Company, Inc. (TEC)	<b>Batch</b>	SW5030B
<b>Project Name/#</b>	3354-003 Red Hill	<b>Method</b>	
<b>Matrix</b>	Water (Surface, Eff., Ground)	<b>Date</b>	07/19/2010

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>							
	LCSD	34.7		3	(< 20)	30 ug/L	07/20/2010
Bromobenzene	LCS	30.0	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.2		1	(< 20)	30 ug/L	07/20/2010
Bromochloromethane	LCS	31.0	( 77-129 )			30 ug/L	07/20/2010
	LCSD	33.0		6	(< 20)	30 ug/L	07/20/2010
Bromodichloromethane	LCS	28.7	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.2		1	(< 20)	30 ug/L	07/20/2010
Bromoform	LCS	27.8	( 80-120 )			30 ug/L	07/20/2010
	LCSD	27.4		2	(< 20)	30 ug/L	07/20/2010
Bromomethane	LCS	27.3	( 30-140 )			30 ug/L	07/20/2010
	LCSD	30.4		11	(< 20)	30 ug/L	07/20/2010
Carbon disulfide	LCS	43.0	( 72-123 )			45 ug/L	07/20/2010
	LCSD	47.1		9	(< 20)	45 ug/L	07/20/2010
Carbon tetrachloride	LCS	27.7	( 80-126 )			30 ug/L	07/20/2010
	LCSD	29.0		5	(< 20)	30 ug/L	07/20/2010
Chlorobenzene	LCS	31.1	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.5		1	(< 20)	30 ug/L	07/20/2010
Chloroethane	LCS	29.5	( 67-133 )			30 ug/L	07/20/2010
	LCSD	30.5		3	(< 20)	30 ug/L	07/20/2010
Chloroform	LCS	28.5	( 80-124 )			30 ug/L	07/20/2010
	LCSD	29.6		4	(< 20)	30 ug/L	07/20/2010
Chloromethane	LCS	29.2	( 67-125 )			30 ug/L	07/20/2010
	LCSD	32.8		12	(< 20)	30 ug/L	07/20/2010
cis-1,2-Dichloroethene	LCS	29.1	( 80-125 )			30 ug/L	07/20/2010
	LCSD	31.6		8	(< 20)	30 ug/L	07/20/2010
cis-1,3-Dichloropropene	LCS	29.8	( 80-120 )			30 ug/L	07/20/2010
	LCSD	30.8		3	(< 20)	30 ug/L	07/20/2010



<b>SGS Ref.#</b>	975093 Lab Control Sample	<b>Printed Date/Time</b>	08/17/2010 10:37
	975094 Lab Control Sample Duplicate	<b>Prep</b>	VXX20964
<b>Client Name</b>	The Environmental Company, Inc. (TEC)	<b>Batch</b>	SW5030B
<b>Project Name/#</b>	3354-003 Red Hill	<b>Method</b>	
<b>Matrix</b>	Water (Surface, Eff., Ground)	<b>Date</b>	07/19/2010

Parameter		QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b><u>Volatile Gas Chromatography/Mass Spectroscopy</u></b>								
Dibromochloromethane	LCS	28.5	95	( 80-120 )			30 ug/L	07/20/2010
	LCSD	28.8	96		1	(< 20 )	30 ug/L	07/20/2010
Dibromomethane	LCS	29.4	98	( 80-120 )			30 ug/L	07/20/2010
	LCSD	29.7	99		1	(< 20 )	30 ug/L	07/20/2010
Dichlorodifluoromethane	LCS	27.6	92	( 62-153 )			30 ug/L	07/20/2010
	LCSD	31.0	103		12	(< 20 )	30 ug/L	07/20/2010
Ethylbenzene	LCS	31.5	105	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.4	105		0	(< 20 )	30 ug/L	07/20/2010
Hexachlorobutadiene	LCS	30.2	101	( 77-125 )			30 ug/L	07/20/2010
	LCSD	29.6	99		2	(< 20 )	30 ug/L	07/20/2010
Isopropylbenzene (Cumene)	LCS	32.1	107	( 80-121 )			30 ug/L	07/20/2010
	LCSD	32.6	109		1	(< 20 )	30 ug/L	07/20/2010
Methylene chloride	LCS	29.8	99	( 63-131 )			30 ug/L	07/20/2010
	LCSD	32.2	107		8	(< 20 )	30 ug/L	07/20/2010
Methyl-t-butyl ether	LCS	40.7	91	( 80-120 )			45 ug/L	07/20/2010
	LCSD	44.6	99		9	(< 20 )	45 ug/L	07/20/2010
Naphthalene	LCS	32.8	109	( 75-120 )			30 ug/L	07/20/2010
	LCSD	33.0	110		1	(< 20 )	30 ug/L	07/20/2010
n-Butylbenzene	LCS	32.2	107	( 80-124 )			30 ug/L	07/20/2010
	LCSD	32.9	110		2	(< 20 )	30 ug/L	07/20/2010
n-Propylbenzene	LCS	35.3	118	( 80-129 )			30 ug/L	07/20/2010
	LCSD	35.7	119		1	(< 20 )	30 ug/L	07/20/2010
o-Xylene	LCS	32.0	107	( 80-120 )			30 ug/L	07/20/2010
	LCSD	32.8	109		3	(< 20 )	30 ug/L	07/20/2010
P & M -Xylene	LCS	63.2	105	( 80-120 )			60 ug/L	07/20/2010
	LCSD	63.9	107		1	(< 20 )	60 ug/L	07/20/2010
sec-Butylbenzene	LCS	31.9	106	( 80-120 )			30 ug/L	07/20/2010
	LCSD	32.7	109		2	(< 20 )	30 ug/L	07/20/2010



SGS Ref.#	975093	Lab Control Sample	Printed Date/Time	08/17/2010	10:37
	975094	Lab Control Sample Duplicate	Prep	Batch	VXX20964
Client Name	The Environmental Company, Inc. (TEC)		Method	SW5030B	
Project Name/#	3354-003 Red Hill		Date	07/19/2010	
Matrix	Water (Surface, Eff., Ground)				

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

Styrene	LCS	31.7	106	( 80-120 )			30 ug/L	07/20/2010
	LCSD	31.8	106		1	(< 20 )	30 ug/L	07/20/2010
tert-Butylbenzene	LCS	30.8	103	( 80-122 )			30 ug/L	07/20/2010
	LCSD	31.4	105		2	(< 20 )	30 ug/L	07/20/2010
Tetrachloroethene	LCS	29.8	99	( 79-122 )			30 ug/L	07/20/2010
	LCSD	30.1	100		1	(< 20 )	30 ug/L	07/20/2010
Toluene	LCS	33.2	111	( 77-120 )			30 ug/L	07/20/2010
	LCSD	32.0	107		4	(< 20 )	30 ug/L	07/20/2010
trans-1,2-Dichloroethene	LCS	29.6	99	( 79-132 )			30 ug/L	07/20/2010
	LCSD	31.9	106		8	(< 20 )	30 ug/L	07/20/2010
trans-1,3-Dichloropropene	LCS	30.9	103	( 80-124 )			30 ug/L	07/20/2010
	LCSD	30.5	102		1	(< 20 )	30 ug/L	07/20/2010
Trichloroethene	LCS	28.4	95	( 80-125 )			30 ug/L	07/20/2010
	LCSD	30.6	102		7	(< 20 )	30 ug/L	07/20/2010
Trichlorofluoromethane	LCS	27.5	92	( 68-145 )			30 ug/L	07/20/2010
	LCSD	28.8	96		5	(< 20 )	30 ug/L	07/20/2010
Vinyl chloride	LCS	27.9	93	( 72-145 )			30 ug/L	07/20/2010
	LCSD	32.7	109		16	(< 20 )	30 ug/L	07/20/2010
Xylenes (total)	LCS	95.2	106	( 80-120 )			90 ug/L	07/20/2010
	LCSD	96.7	107		2	(< 20 )	90 ug/L	07/20/2010

**Surrogates**

1,2-Dichloroethane-D4 <surr>	LCS		99	( 73-120 )				07/20/2010
	LCSD		97		2			07/20/2010
4-Bromofluorobenzene <surr>	LCS		100	( 76-120 )				07/20/2010
	LCSD		100		0			07/20/2010
Toluene-d8 <surr>	LCS		107	( 80-120 )				07/20/2010
	LCSD		102		5			07/20/2010





SGS Ref.# 975093 Lab Control Sample  
975094 Lab Control Sample Duplicate  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20964  
Method SW5030B  
Date 07/19/2010

---

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

---

**Volatiles Gas Chromatography/Mass Spectroscopy**

Batch VMS11403  
Method SW8260B  
Instrument HP 5890 Series II MS3 VNA



SGS Ref.# 975360 Lab Control Sample

Printed Date/Time 08/17/2010 10:37  
Prep Batch MXX23263  
Method SW3010A  
Date 07/21/2010

Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

QC results affect the following production samples:

1103478001

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

**Metals by ICP/MS**

Lead	LCS	1110	111	( 80-120 )		1000 ug/L	07/27/2010
------	-----	------	-----	------------	--	-----------	------------

Batch MMS6555  
Method SW6020  
Instrument Perkin Elmer Sciex ICP-MS P3



SGS Ref.# 976051 Lab Control Sample  
976052 Lab Control Sample Duplicate  
Client Name The Environmental Company, Inc. (TEC)  
Project Name/# 3354-003 Red Hill  
Matrix Water (Surface, Eff., Ground)

Printed Date/Time 08/17/2010 10:37  
Prep Batch VXX20986  
Method SW5030B  
Date 07/25/2010

QC results affect the following production samples:

1103478001, 1103478004, 1103478005, 1103478006, 1103478007, 1103478008, 1103478009

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------	-----------------	-----	------------	---------------	---------------

**Volatile Fuels Department**

Gasoline Range Organics	LCS	206	103	( 80-116 )		200 ug/L	07/25/2010
	LCSD	210	105		2	(< 20 )	200 ug/L 07/25/2010

**Surrogates**

4-Bromofluorobenzene <surr>	LCS		104	( 50-150 )			07/25/2010
	LCSD		106		2		07/25/2010

Batch VFC10038  
Method SW8015C  
Instrument HP 5890 Series II PID+FID VCA



SGS Ref.# 974422 Matrix Spike  
974423 Matrix Spike Duplicate

Printed Date/Time 08/17/2010 10:37  
Prep Batch MXX23243  
Method 3010 H2O Digest for Metals ICI  
Date 07/16/2010

Original 1103478004  
Matrix Water (Surface, Eff., Ground)

QC results affect the following production samples:

1103478004, 1103478005, 1103478006, 1103478007, 1103478008

Parameter	Qualifiers	Original Result	QC Result	Pet Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Metals by ICP/MS**

Lead	MS	(0.620) U	1040	104	( 80-120 )			1000	ug/L 07/21/2010
	MSD		1020	102		1	(< 15 )	1000	ug/L 07/21/2010

Batch MMS6543  
Method SW6020  
Instrument Perkin Elmer Sciex ICP-MS P3



SGS Ref.# 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.

Printed Date/Time 08/17/2010 10:37  
 Prep Batch MXX23263  
 Method 3010 H2O Digest for Metals ICI  
 Date 07/21/2010

Original 1103478001  
 Matrix Water (Surface, Eff., Ground)

QC results affect the following production samples:

Parameter	Qualifiers	Original Result	QC Result	Pet Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Dissolved Metals by ICP/MS**

Lead	BMS (0.620) U	959	96	( 80-120 )				1000	ug/L 07/27/2010
	BMSD	1100	110		13	(< 15 )		1000	ug/L 07/27/2010

Batch MMS6555  
 Method SW6020  
 Instrument Perkin Elmer Sciex ICP-MS P3

**Volatile Fuels Department**

Gasoline Range Organics	BMS (60.0) U	484	108	( 80-116 )				450	ug/L 07/25/2010
	BMSD	469	104		3	(< 20 )		450	ug/L 07/25/2010

**Surrogates**

4-Bromofluorobenzene <surr>	BMS	52.4	105	( 50-150 )					07/25/2010
	BMSD	52.8	106		1				07/25/2010

Batch VFC10038  
 Method SW8015C  
 Instrument HP 5890 Series II PID+FID VCA

**Semivolatile Organic Fuels Department**

Diesel Range Organics	BMS (0.320) U	4.42	82	( 75-125 )				5.41	mg/L 07/21/2010
	BMSD	4.85	91		9	(< 30 )		5.32	mg/L 07/21/2010

**Surrogates**

5a Androstane <surr>	BMS	.0884	82	( 50-150 )					07/21/2010
	BMSD	0.0926	87		5				07/21/2010

Batch XFC9360  
 Method SW8015C  
 Instrument HP 7890A FID SV E R

**Volatile Gas Chromatography/Mass Spectroscopy**



SGS Ref.# 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.

Printed Date/Time 08/17/2010 10:37  
 Prep Batch VXX20964  
 Method Volatiles Extraction 8240/8260  
 Date 07/19/2010

Original 1103478001  
 Matrix Water (Surface, Eff., Ground)

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

1,1,1,2-Tetrachloroethane	BMS (0.300) U	30.3		101	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	29.2		97		4	(< 20 )	30.0	ug/L 07/20/2010
1,1,1-Trichloroethane	BMS (0.620) U	33.1		110	( 80-122 )			30.0	ug/L 07/20/2010
	BMSD	33.1		110		0	(< 20 )	30.0	ug/L 07/20/2010
1,1,2,2-Tetrachloroethane	BMS (0.300) U	29.6		99	( 76-123 )			30.0	ug/L 07/20/2010
	BMSD	28.7		96		3	(< 20 )	30.0	ug/L 07/20/2010
1,1,2-Trichloroethane	BMS (0.620) U	30.2		101	( 77-120 )			30.0	ug/L 07/20/2010
	BMSD	29.4		98		3	(< 20 )	30.0	ug/L 07/20/2010
1,1-Dichloroethane	BMS (0.620) U	31.5		105	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	30.6		102		3	(< 20 )	30.0	ug/L 07/20/2010
1,1-Dichloroethene	BMS (0.620) U	31.4		105	( 76-130 )			30.0	ug/L 07/20/2010
	BMSD	30.2		101		4	(< 20 )	30.0	ug/L 07/20/2010
1,1-Dichloropropene	BMS (0.620) U	35.1		117	( 80-122 )			30.0	ug/L 07/20/2010
	BMSD	34.6		115		2	(< 20 )	30.0	ug/L 07/20/2010
1,2,3-Trichlorobenzene	BMS (0.620) U	31.1		104	( 77-120 )			30.0	ug/L 07/20/2010
	BMSD	31.8		106		2	(< 20 )	30.0	ug/L 07/20/2010
1,2,3-Trichloropropane	BMS (0.620) U	29.4		98	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	28.7		96		3	(< 20 )	30.0	ug/L 07/20/2010
1,2,4-Trichlorobenzene	BMS (0.620) U	31.7		106	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	31.7		106		0	(< 20 )	30.0	ug/L 07/20/2010
1,2,4-Trimethylbenzene	BMS (0.620) U	32.2		107	( 80-125 )			30.0	ug/L 07/20/2010
	BMSD	31.9		106		1	(< 20 )	30.0	ug/L 07/20/2010
1,2-Dibromo-3-chloropropane	BMS (1.24) U	30.3		101	( 73-130 )			30.0	ug/L 07/20/2010
	BMSD	29.8		99		2	(< 20 )	30.0	ug/L 07/20/2010
1,2-Dibromoethane	BMS (0.620) U	32.1		107	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	30.2		101		6	(< 20 )	30.0	ug/L 07/20/2010
1,2-Dichlorobenzene	BMS (0.620) U	29.3		98	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	29.0		97		1	(< 20 )	30.0	ug/L 07/20/2010
1,2-Dichloroethane	BMS (0.300) U	30.6		102	( 80-129 )			30.0	ug/L 07/20/2010
	BMSD	30.6		102		0	(< 20 )	30.0	ug/L 07/20/2010
1,2-Dichloropropane	BMS (0.620) U	33.3		111	( 80-121 )			30.0	ug/L 07/20/2010
	BMSD	33.7		112		1	(< 20 )	30.0	ug/L 07/20/2010
1,3,5-Trimethylbenzene	BMS (0.620) U	32.7		109	( 80-128 )			30.0	ug/L 07/20/2010
	BMSD	32.3		108		1	(< 20 )	30.0	ug/L 07/20/2010
1,3-Dichlorobenzene	BMS (0.620) U	32.6		109	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	32.2		107		1	(< 20 )	30.0	ug/L 07/20/2010
1,3-Dichloropropane	BMS (0.240) U	32.5		108	( 80-121 )			30.0	ug/L 07/20/2010
	BMSD	31.5		105		3	(< 20 )	30.0	ug/L 07/20/2010
1,4-Dichlorobenzene	BMS (0.300) U	34.2		114	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	34.2		114		0	(< 20 )	30.0	ug/L 07/20/2010



SGS Ref.# 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.

Printed Date/Time 08/17/2010 10:37  
 Prep Batch VXX20964  
 Method Volatiles Extraction 8240/8260  
 Date 07/19/2010

Original 1103478001  
 Matrix Water (Surface, Eff., Ground)

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

2,2-Dichloropropane	BMS (0.620) U	37		123	( 80-132 )			30.0	ug/L 07/20/2010
	BMSD	37.3		124		1	(< 20 )	30.0	ug/L 07/20/2010
2-Butanone (MEK)	BMS (6.20) U	81.5		91	( 66-136 )			90.0	ug/L 07/20/2010
	BMSD	86.8		97		6	(< 20 )	90.0	ug/L 07/20/2010
2-Chlorotoluene	BMS (0.620) U	34.7		116	( 80-125 )			30.0	ug/L 07/20/2010
	BMSD	34.2		114		1	(< 20 )	30.0	ug/L 07/20/2010
2-Hexanone	BMS (6.20) U	97.7		109	( 68-130 )			90.0	ug/L 07/20/2010
	BMSD	91.3		101		7	(< 20 )	90.0	ug/L 07/20/2010
4-Chlorotoluene	BMS (0.620) U	36		120	( 79-128 )			30.0	ug/L 07/20/2010
	BMSD	36.1		120		0	(< 20 )	30.0	ug/L 07/20/2010
4-Isopropyltoluene	BMS (0.620) U	33.1		110	( 80-125 )			30.0	ug/L 07/20/2010
	BMSD	33.0		110		0	(< 20 )	30.0	ug/L 07/20/2010
4-Methyl-2-pentanone (MIBK)	BMS (6.20) U	91.5		102	( 69-134 )			90.0	ug/L 07/20/2010
	BMSD	88.7		99		3	(< 20 )	90.0	ug/L 07/20/2010
Benzene	BMS (0.240) U	36.1		120	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	36.9		123*		2	(< 20 )	30.0	ug/L 07/20/2010
Bromobenzene	BMS (0.620) U	30		100	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	30.1		100		0	(< 20 )	30.0	ug/L 07/20/2010
Bromochloromethane	BMS (0.620) U	33.5		112	( 77-129 )			30.0	ug/L 07/20/2010
	BMSD	33.9		113		1	(< 20 )	30.0	ug/L 07/20/2010
Bromodichloromethane	BMS (0.300) U	30.2		101	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	30.5		102		1	(< 20 )	30.0	ug/L 07/20/2010
Bromoform	BMS (0.620) U	28.2		94	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	26.9		90		5	(< 20 )	30.0	ug/L 07/20/2010
Bromomethane	BMS (1.88) U	34.5		115	( 30-140 )			30.0	ug/L 07/20/2010
	BMSD	32.0		107		8	(< 20 )	30.0	ug/L 07/20/2010
Carbon disulfide	BMS (1.24) U	51.5		114	( 72-123 )			45.0	ug/L 07/20/2010
	BMSD	49.2		109		5	(< 20 )	45.0	ug/L 07/20/2010
Carbon tetrachloride	BMS (0.620) U	31.1		104	( 80-126 )			30.0	ug/L 07/20/2010
	BMSD	31.6		105		2	(< 20 )	30.0	ug/L 07/20/2010
Chlorobenzene	BMS (0.300) U	32.3		108	( 80-120 )			30.0	ug/L 07/20/2010
	BMSD	31.3		104		3	(< 20 )	30.0	ug/L 07/20/2010
Chloroethane	BMS (0.620) U	74.4		248*	( 67-133 )			30.0	ug/L 07/20/2010
	BMSD	66.7		222*		11	(< 20 )	30.0	ug/L 07/20/2010
Chloroform	BMS (0.600) U	31.3		104	( 80-124 )			30.0	ug/L 07/20/2010
	BMSD	31.7		106		1	(< 20 )	30.0	ug/L 07/20/2010
Chloromethane	BMS (0.620) U	36.2		121	( 67-125 )			30.0	ug/L 07/20/2010
	BMSD	35.8		119		1	(< 20 )	30.0	ug/L 07/20/2010
cis-1,2-Dichloroethene	BMS (0.620) U	33.6		112	( 80-125 )			30.0	ug/L 07/20/2010
	BMSD	34.6		115		3	(< 20 )	30.0	ug/L 07/20/2010



SGS Ref.# 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.

Printed Date/Time 08/17/2010 10:37  
 Prep Batch VXX20964  
 Method Volatiles Extraction 8240/8260  
 Date 07/19/2010

Original 1103478001  
 Matrix Water (Surface, Eff., Ground)

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

cis-1,3-Dichloropropene	BMS (0.300) U	31.3	104	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	31.7	106		1	(< 20 )		30.0	ug/L 07/20/2010
Dibromochloromethane	BMS (0.300) U	29.2	97	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	28.2	94		3	(< 20 )		30.0	ug/L 07/20/2010
Dibromomethane	BMS (0.620) U	30.4	101	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	31.1	104		2	(< 20 )		30.0	ug/L 07/20/2010
Dichlorodifluoromethane	BMS (0.620) U	34.2	114	( 62-153 )				30.0	ug/L 07/20/2010
	BMSD	34.7	116		1	(< 20 )		30.0	ug/L 07/20/2010
Ethylbenzene	BMS (0.620) U	32.5	108	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	31.5	105		3	(< 20 )		30.0	ug/L 07/20/2010
Hexachlorobutadiene	BMS (0.620) U	30.6	102	( 77-125 )				30.0	ug/L 07/20/2010
	BMSD	32.8	109		7	(< 20 )		30.0	ug/L 07/20/2010
Isopropylbenzene (Cumene)	BMS (0.620) U	33.6	112	( 80-121 )				30.0	ug/L 07/20/2010
	BMSD	32.6	109		3	(< 20 )		30.0	ug/L 07/20/2010
Methylene chloride	BMS (2.00) U	33	110	( 63-131 )				30.0	ug/L 07/20/2010
	BMSD	31.2	104		6	(< 20 )		30.0	ug/L 07/20/2010
Methyl-t-butyl ether	BMS (3.00) U	46.4	103	( 80-120 )				45.0	ug/L 07/20/2010
	BMSD	43.4	97		7	(< 20 )		45.0	ug/L 07/20/2010
Naphthalene	BMS (1.24) U	33.1	110	( 75-120 )				30.0	ug/L 07/20/2010
	BMSD	32.9	110		1	(< 20 )		30.0	ug/L 07/20/2010
n-Butylbenzene	BMS (0.620) U	34.1	114	( 80-124 )				30.0	ug/L 07/20/2010
	BMSD	34.2	114		0	(< 20 )		30.0	ug/L 07/20/2010
n-Propylbenzene	BMS (0.620) U	36.2	121	( 80-129 )				30.0	ug/L 07/20/2010
	BMSD	36.2	121		0	(< 20 )		30.0	ug/L 07/20/2010
o-Xylene	BMS (0.620) U	33.1	110	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	32.2	107		3	(< 20 )		30.0	ug/L 07/20/2010
P & M -Xylene	BMS (1.24) U	66.1	110	( 80-120 )				60.0	ug/L 07/20/2010
	BMSD	63.7	106		4	(< 20 )		60.0	ug/L 07/20/2010
sec-Butylbenzene	BMS (0.620) U	33	110	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	32.9	110		0	(< 20 )		30.0	ug/L 07/20/2010
Styrene	BMS (0.620) U	32.3	108	( 80-120 )				30.0	ug/L 07/20/2010
	BMSD	31.4	105		3	(< 20 )		30.0	ug/L 07/20/2010
tert-Butylbenzene	BMS (0.620) U	31.5	105	( 80-122 )				30.0	ug/L 07/20/2010
	BMSD	31.4	105		0	(< 20 )		30.0	ug/L 07/20/2010
Tetrachloroethene	BMS (0.620) U	31.4	105	( 79-122 )				30.0	ug/L 07/20/2010
	BMSD	30.9	103		2	(< 20 )		30.0	ug/L 07/20/2010
Toluene	BMS (0.620) U	33	110	( 77-120 )				30.0	ug/L 07/20/2010
	BMSD	31.6	105		4	(< 20 )		30.0	ug/L 07/20/2010
trans-1,2-Dichloroethene	BMS (0.620) U	33.6	112	( 79-132 )				30.0	ug/L 07/20/2010
	BMSD	31.9	106		5	(< 20 )		30.0	ug/L 07/20/2010





**SGS Ref.#** 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.  
**Printed Date/Time** 08/17/2010 10:37  
**Prep** **Batch** VXX20964  
**Method** Volatiles Extraction 8240/8260  
**Date** 07/19/2010  
**Original** 1103478001  
**Matrix** Water (Surface, Eff., Ground)

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

**Volatile Gas Chromatography/Mass Spectroscopy**

trans-1,3-Dichloropropene	BMS (0.620) U	30.6		102	( 80-124 )			30.0	ug/L 07/20/2010
	BMSD	29.8		99		3	(< 20 )	30.0	ug/L 07/20/2010
Trichloroethene	BMS (0.620) U	32.5		108	( 80-125 )			30.0	ug/L 07/20/2010
	BMSD	30.8		103		5	(< 20 )	30.0	ug/L 07/20/2010
Trichlorofluoromethane	BMS (0.620) U	29.5		98	( 68-145 )			30.0	ug/L 07/20/2010
	BMSD	27.7		92		7	(< 20 )	30.0	ug/L 07/20/2010
Vinyl chloride	BMS (0.620) U	35.9		120	( 72-145 )			30.0	ug/L 07/20/2010
	BMSD	35.0		117		3	(< 20 )	30.0	ug/L 07/20/2010
Xylenes (total)	BMS (1.88) U	99.3		110	( 80-120 )			90.0	ug/L 07/20/2010
	BMSD	95.9		107		3	(< 20 )	90.0	ug/L 07/20/2010

**Surrogates**

1,2-Dichloroethane-D4 <surr>	BMS	29.9		100	( 73-120 )				07/20/2010
	BMSD	29.9		100		0			07/20/2010
4-Bromofluorobenzene <surr>	BMS	29.5		98	( 76-120 )				07/20/2010
	BMSD	29.6		99		1			07/20/2010
Toluene-d8 <surr>	BMS	31.3		104	( 80-120 )				07/20/2010
	BMSD	30.7		102		2			07/20/2010

**Batch** VMS11403  
**Method** SW8260B  
**Instrument** HP 5890 Series II MS3 VNA

**Polynuclear Aromatics GC/MS**



SGS Ref.# 1103478002 Billable Matrix Spike  
 1103478003 Billable Matrix Spike Dup.

Printed Date/Time 08/17/2010 10:37  
 Prep Batch XXX23075  
 Method 3520 Liquid/Liquid Ext for 827/  
 Date 07/19/2010

Original 1103478001  
 Matrix Water (Surface, Eff., Ground)

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Polynuclear Aromatics GC/MS</b>									
1-Methylnaphthalene	BMS (0.0320) U	.281		52*	( 58-114 )			0.543	ug/L 07/19/2010
	BMSD	0.439		83		44 *	(< 30 )	0.529	ug/L 07/19/2010
2-Methylnaphthalene	BMS (0.0320) U	.256		47*	( 54-105 )			0.543	ug/L 07/19/2010
	BMSD	0.397		75		43 *	(< 30 )	0.529	ug/L 07/19/2010
Acenaphthene	BMS (0.0320) U	.315		58	( 57-110 )			0.543	ug/L 07/19/2010
	BMSD	0.412		78		27	(< 30 )	0.529	ug/L 07/19/2010
Acenaphthylene	BMS (0.0320) U	.319		59	( 58-105 )			0.543	ug/L 07/19/2010
	BMSD	0.432		82		30 *	(< 30 )	0.529	ug/L 07/19/2010
Anthracene	BMS (0.0320) U	.396		73	( 63-120 )			0.543	ug/L 07/19/2010
	BMSD	0.468		89		17	(< 30 )	0.529	ug/L 07/19/2010
Benzo(a)Anthracene	BMS (0.0320) U	.42		77	( 61-120 )			0.543	ug/L 07/19/2010
	BMSD	0.490		93		15	(< 30 )	0.529	ug/L 07/19/2010
Benzo[a]pyrene	BMS (0.0320) U	.364		67	( 57-120 )			0.543	ug/L 07/19/2010
	BMSD	0.424		80		15	(< 30 )	0.529	ug/L 07/19/2010
Benzo[b]Fluoranthene	BMS (0.0320) U	.408		75	( 66-130 )			0.543	ug/L 07/19/2010
	BMSD	0.459		87		12	(< 30 )	0.529	ug/L 07/19/2010
Benzo[g,h,i]perylene	BMS (0.0320) U	.403		74	( 60-125 )			0.543	ug/L 07/19/2010
	BMSD	0.475		90		16	(< 30 )	0.529	ug/L 07/19/2010
Benzo[k]fluoranthene	BMS (0.0320) U	.4		74	( 67-125 )			0.543	ug/L 07/19/2010
	BMSD	0.482		91		19	(< 30 )	0.529	ug/L 07/19/2010
Chrysene	BMS (0.0320) U	.427		79	( 71-120 )			0.543	ug/L 07/19/2010
	BMSD	0.499		94		16	(< 30 )	0.529	ug/L 07/19/2010
Dibenzo[a,h]anthracene	BMS (0.0320) U	.394		73	( 56-125 )			0.543	ug/L 07/19/2010
	BMSD	0.459		87		15	(< 30 )	0.529	ug/L 07/19/2010
Fluoranthene	BMS (0.0320) U	.437		81	( 63-125 )			0.543	ug/L 07/19/2010
	BMSD	0.505		95		14	(< 30 )	0.529	ug/L 07/19/2010
Fluorene	BMS (0.0320) U	.371		68	( 59-120 )			0.543	ug/L 07/19/2010
	BMSD	0.482		91		26	(< 30 )	0.529	ug/L 07/19/2010
Indeno[1,2,3-c,d] pyrene	BMS (0.0320) U	.401		74	( 59-125 )			0.543	ug/L 07/19/2010
	BMSD	0.477		90		17	(< 30 )	0.529	ug/L 07/19/2010
Naphthalene	BMS (0.0664) U	.27		50*	( 56-108 )			0.543	ug/L 07/19/2010
	BMSD	0.480		91		56 *	(< 30 )	0.529	ug/L 07/19/2010
Phenanthrene	BMS (0.0320) U	.395		73	( 60-115 )			0.543	ug/L 07/19/2010
	BMSD	0.460		87		15	(< 30 )	0.529	ug/L 07/19/2010
Pyrene	BMS (0.0320) U	.435		80	( 62-130 )			0.543	ug/L 07/19/2010
	BMSD	0.493		93		13	(< 30 )	0.529	ug/L 07/19/2010
<b>Surrogates</b>									
Terphenyl-d14 <surr>	BMS	.411		76	( 50-135 )				07/19/2010
	BMSD	0.476		90		15			07/19/2010



SGS Ref.# 1103478002 Billable Matrix Spike Printed Date/Time 08/17/2010 10:37  
1103478003 Billable Matrix Spike Dup. Prep Batch XXX23075  
Method 3520 Liquid/Liquid Ext for 827/  
Date 07/19/2010

Original 1103478001  
Matrix Water (Surface, Eff., Ground)

---

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
-----------	------------	-----------------	-----------	-----------	---------------	-----	------------	---------------	---------------

---

**Polynuclear Aromatics GC/MS**

Batch XMS5528  
Method 8270D SIMS  
Instrument HP 6890/5973 MS SVQA



CHAIN OF CUSTODY RECORD  
SGS Environmental Services

1103478



Locations Nationwide  
Alaska Hawaii  
Maryland Louisiana  
New Jersey West Virginia  
North Carolina  
WWW.US.SGS.COM

92 of

CLIENT: TEC INC.		PHONE NO: 808.528.1445		page _____ of _____	
CONTACT: Rick Adkisson		SITE/PWSID#: Red Hill BFSF			
PROJECT: 3354-003		email rkadkisson@tecinc.com			
REPORTS TO: Rick Adkisson		cc wmcwhitman@tecinc.com			
INVOICE TO: TEC INC		QUOTE #:			
P.O. NUMBER:					
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	REMARKS
①	RHMW2254-WG20	7/13/2010	0940	Water	TPH-GRO (8015B) X TPH-DRO (8015B) X VOC's (8260B) X PAH's (8270C-SIMS) X Diss Pb (6020) X
②	RHMW03-WG20	7/13/2010	1135	Water	
③	RHMW02-WG20	7/13/2010	1410	Water	
④	RHMWA01-WG20	7/13/2010	1205	Water	
⑤	RHMW01-WG20	7/13/2010	1555	Water	
⑥	RHMW05-WG20	7/13/2010	1720	Water	
⑦	TB01-WG20		0805	Water	
Preserv. Used: SAMPLE TYPE C = COMP G = GRAB # 21 7 7 7 7 7 3 Shipping Carrier: <b>2BAGL</b> Shipping Ticket No: Special Deliverable Requirements: <b>See Contract</b> Requested Turnaround Time and/or Special Instructions: <b>See Contract</b> Shipping Received Cold? YES NO Temperature °C: <b>3.0 202</b> Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT					
Collected/Relinquished By: (4)	<i>[Signature]</i>	Date	7/14/10	Time	1300
Relinquished By: (2)		Date		Time	
Relinquished By: (3)		Date		Time	
Relinquished By: (4)		Date		Time	

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685  
 255 Sand Island Access Rd., Unit 1B Honolulu, HI 96819 Tel: (808) 224-6217 Fax: (808) 845-2287  
 151 James Drive West St. Rose, LA 70087 Tel: (504) 469-6401 Fax: (504) 463-3304  
 1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

Received For Laboratory By: *[Signature]*  
 Received By: *[Signature]*



CHAIN OF CUSTODY RECORD  
SGS Environmental Services Inc

1103478



- Locations Nationwide
- Alaska
- Hawaii
- Maryland
- Louisiana
- New Jersey
- West Virginia
- North Carolina
- www.us.sgs.com

93 of 100

CLIENT: TEC INC.		PHONE NO: 808.528.1445		SGS Reference #: _____		page _____ of _____	
CONTACT: Rick Adkisson		SITE/PWSID#: Red Hill BFSF		HCL		HCL	
PROJECT: 3354-003		email: rkadkisson@tecinc.com		HCL		HCL	
REPORTS TO: Rick Adkisson		cc: wmcwhitman@tecinc.com		HCL		HCL	
INVOICE TO: TEC INC		QUOTE #: _____		HCL		HCL	
P.O. NUMBER: _____		DATE: 7/13/2010		HCL		HCL	
LAB NO. <del>2434</del>		SAMPLE IDENTIFICATION: RHMW2254-WG20		HCL		HCL	
MATRIX: Water		TIME: 0940		HCL		HCL	
# CONTAINERS: 8		DATE: 7/13/2010		HCL		HCL	
SAMPLE TYPE: _____		TIME: 0940		HCL		HCL	
C = _____		DATE: 7/13/2010		HCL		HCL	
COMP = _____		TIME: 0940		HCL		HCL	
G = _____		DATE: 7/13/2010		HCL		HCL	
GRAB = _____		TIME: 0940		HCL		HCL	
TPH-GRO (8015B)		DATE: 7/13/2010		HCL		HCL	
X		TIME: 0940		HCL		HCL	
TPH-DRO (8015B)		DATE: 7/13/2010		HCL		HCL	
X		TIME: 0940		HCL		HCL	
VOC's (8260B)		DATE: 7/13/2010		HCL		HCL	
X		TIME: 0940		HCL		HCL	
PAH's (8270C-SIMS)		DATE: 7/13/2010		HCL		HCL	
X		TIME: 0940		HCL		HCL	
Diss Pb (6020)		DATE: 7/13/2010		HCL		HCL	
X		TIME: 0940		HCL		HCL	
REMARKS: 3x Volume sent in 3 coolers		DATE: 7/13/2010		HCL		HCL	
OHK BSH-L		TIME: 0940		HCL		HCL	

Collected/Relinquished By (1): <i>[Signature]</i>	Date: 7/14/10	Time: 1300	Received By:	Shipping Carrier:	Samples Received Cold? YES NO
Relinquished By (2):	Date:	Time:	Received By:	Shipping Ticket No:	Temperature °C: 22.110
Relinquished By (3):	Date:	Time:	Received By:	Special Deliverable Requirements:	Chain of Custody Seal: (Circle)
Relinquished By (4):	Date:	Time:	Received By:	See Contract	INTACT BROKEN ABSENT

Requested Turnaround Time and/or Special Instructions:  
**See Contract**

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685  
 255 Sand Island Access Rd., Unit 1B Honolulu, HI 96819 Tel: (808) 224-6217 Fax: (808) 845-2287  
 151 James Drive West St Rose, LA 70087 Tel: (504) 469-6401 Fax: (504) 463-3304  
 1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557



**CHAIN OF CUSTODY RECORD**  
**SGS Environmental Services Inc**

1103478



**Locations Nationwide**  
 Alaska  
 Maryland  
 New Jersey  
 North Carolina  
 Hawaii  
 Louisiana  
 West Virginia

WWW.US.SGS.COM

CLIENT: TEC INC.  
 CONTACT: **Rick Adkisson** PHONE NO: 808.528.1445  
 PROJECT: **3354-003** SITE/PWSID#: Red Hill BFSF  
 REPORTS TO: Rick Adkisson email: [rkadkisson@tecinc.com](mailto:rkadkisson@tecinc.com)  
 cc: [wmcwhitman@tecinc.com](mailto:wmcwhitman@tecinc.com)  
 INVOICE TO: TEC INC QUOTE #: \_\_\_\_\_  
 P.O. NUMBER: \_\_\_\_\_

PRESERV.	SAMPLE TYPE	C = COMP	G = GRAB	HCL					HNO <sub>3</sub>			REMARKS	
				TPH-GRO (8015B)	TPH-DRO (8015B)	VOC's (8260B)	PAH's (8270C-SIMS)	Diss Pb (6020)					
	4			X	X	X		X					3x Volume sent in 3 coolers
	4			X	X								

SGS Reference #: \_\_\_\_\_  
 page \_\_\_\_\_ of \_\_\_\_\_  
 Shipping Carrier: \_\_\_\_\_  
 Shipping Ticket No: \_\_\_\_\_  
 Special Deliverable Requirements: \_\_\_\_\_  
 See Contract \_\_\_\_\_  
 Requested Turnaround Time and/or Special Instructions: \_\_\_\_\_  
**See Contract**

	Received By:	Date	Time	Received By:	Date	Time
Collected/Relinquished By: (1) <i>Will Whit</i>		7/14/10	1300			
Relinquished By: (2)						
Relinquished By: (3)						
Relinquished By: (4)						

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685  
 255 Sand Island Access Rd., Unit 1B Honolulu, HI 96819 Tel: (808) 224-6217 Fax: (808) 845-2287  
 151 James Drive West St Rose, LA 70087 Tel: (504) 469-6401 Fax: (504) 463-3304  
 1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557



SGS Reference #:

CLIENT: **TEC INC.** PHONE NO: 808.528.1445  
 CONTACT: **Rick Adkisson** SITE/PWSID#: Red Hill BFSF  
 PROJECT: **3354-003** email: rkadkisson@tecinc.com  
 REPORTS TO: Rick Adkisson cc: wmcwhitman@tecinc.com  
 INVOICE TO: **TEC INC** QUOTE #: \_\_\_\_\_  
 P.O. NUMBER: \_\_\_\_\_

Lab No.	Sample Identification	Date	Time	Matrix	Preserv.	Used	FCL	HCL	VOC's (8260B)	PAH's (8270C-SIMS)	Diss Pb (6020)	REMARKS
4	RHMW02-WG20	7/13/2010	1410	Water	TPH-GRO (8015B)	X	X	X	X	X		
4	RHMWA01-WG20	7/13/2010	1205	Water	TPH-DRO (8015B)	X	X	X	X	X		

Shipping Carrier: \_\_\_\_\_  
 Shipping Ticket No: \_\_\_\_\_  
 Special Deliverable Requirements: \_\_\_\_\_  
 See Contract  
 Requested Turnaround Time and/or Special Instructions: \_\_\_\_\_  
**See Contract**

Collected/Relinquished By: [Signature] Date: 7/14/10 Time: 1300  
 Received By: \_\_\_\_\_  
 Relinquished By: (2)  
 Relinquished By: (3)  
 Relinquished By: (4)

Samples Received Cold? YES NO  
 Temperature °C: 2.1 130  
 Chain of Custody Seal: (Circle)  
 INTACT BROKEN ABSENT

Relinquished For Laboratory Use: [Signature] 7/15/10 1235

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685  
 255 Sand Island Access Rd., Unit 1B Honolulu, HI 96819 Tel: (808) 224-6217 Fax: (808) 845-2287

151 James Drive West St Rose, LA 70087 Tel: (504) 469-6401 Fax: (504) 463-3304  
 1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557



CHAIN OF CUSTODY RECORD  
SGS Environmental Services

1103478



Locations Nationwide  
Alaska Hawaii  
Maryland Louisiana  
New Jersey West Virginia  
North Carolina  
www.us.sgs.com

96 of 108

CLIENT: TEC INC.		PHONE NO: 808 528 1445		SGS Reference		page _____ of _____	
CONTACT: Rick Adkisson		SITE/PWSID#: Red Hill BFSF		Presenty:		HCL	
PROJECT: 3354-003		email: rkadkisson@tecinc.com		Used		HCL	
REPORTS TO: Rick Adkisson		cc: wmcwhitman@tecinc.com		SAMPLE TYPE		HCL	
INVOICE TO: TEC INC		QUOTE #:		C = COMP		HCL	
P.O. NUMBER:		DATE		G = GRAB		HCL	
LAB NO.		SAMPLE IDENTIFICATION		TIME		MATRIX	
RHMW01-WG20		7/13/2010		1555		Water	
RHMW03-WG20		7/13/2010		1135		Water	
Collected/Relinquished By: (1)		Date		Time		Received By:	
wmcwhitman		7/14/10		1300		/	
Relinquished By: (2)		Date		Time		Received By:	
/		/		/		/	
Relinquished By: (3)		Date		Time		Received By:	
/		/		/		/	
Relinquished By: (4)		Date		Time		Received For Laboratory By:	
/		/		/		wmcwhitman 7/14/10	

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685  
 255 Sand Island Access Rd., Unit 1B Honolulu, HI 96819 Tel: (808) 224-6217 Fax: (808) 845-2287  
 151 James Drive West St Rose, LA 70087 Tel: (504) 469-6401 Fax: (504) 463-3304  
 1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557





SAMPLE RECEIPT FORM

Review Criteria:	Condition:	Comments/Action Taken:
Were custody seals intact? Note # & location if applicable <i>one front sample back each</i> COC accompanied samples?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Temperature blank compliant (i.e., 0-6°C after correction factor)? Cooler ID: <u>1</u> @ <u>30</u> w/ Therm.ID: <u>902</u> Cooler ID: <u>2</u> @ <u>2.2</u> w/ Therm.ID: <u>110</u> Cooler ID: <u>3</u> @ <u>4.4</u> w/ Therm.ID: <u>202</u> Cooler ID: <u>4</u> @ <u>2.1</u> w/ Therm.ID: <u>130</u> Cooler ID: <u>5</u> @ <u>3.1</u> w/ Therm.ID: <u>↓</u> <i>Note: If non-compliant, use form FS-0029 to document affected samples/analyses.</i> If samples are received <u>without</u> a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "COOLER TEMP" will be noted to the right. In cases where neither a temp blank <u>nor</u> cooler temp can be obtained, note "ambient" or "chilled." If temperature(s) <0°C, were all containers ice free?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Delivery method (specify all that apply): Client      USPS      Alert Courier      Road Runner AK Air      Lynden      Carlile      ERA <input checked="" type="radio"/> FedEx      UPS      NAC      PenAir Other:	Note airbill/tracking #  <input checked="" type="radio"/> See Attached or N/A	
* For samples received with payment, note amount (\$) and cash / check / CC (circle one). * For samples received in FBKS, ANCH staff will verify all criteria are reviewed.		<input checked="" type="radio"/> N/A <input checked="" type="radio"/> N/A
Do samples match COC (i.e., sample IDs, dates/times collected)? Are analyses requested unambiguous?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Were samples in good condition (no leaks/cracks/breakage)? Packing material used (specify all that apply): <input checked="" type="radio"/> Bubble wrap      Separate plastic bags      Vermiculite Other:	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Were all VOA vials free of headspace (i.e., bubbles ≤6 mm)? Were all soil VOAs field extracted with MeOH+BFB?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	<i>Trip Blank (1) has 70mm bubbles in each jar</i>
Were proper containers (type/mass/volume/preservative) used? Were the bottles provided by SGS? (Note apparent exceptions.) Were Trip Blanks (VOAs, LL-Hg) in cooler with samples?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	<i>1K, lots preserved w/ HCl</i>
For preserved waters (other than VOA vials, LL-Mercury or microbiological analyses), was pH verified and compliant? If pH was adjusted, were bottles flagged (i.e., stickers)? <i>Refer to attached bottle sheet (form F066) for documentation.</i>	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
For RUSH or SHORT HOLD TIME samples, were the COC & this SRF flagged, bottles flagged (e.g., stickers) and lab notified?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
For client requested, site-specific QC (e.g., MS/MSD/DUP), were bottles flagged (e.g., stickers) and numbered accordingly?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
For special handling (e.g., "MI" or foreign soils, lab filter, limited volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
Was PEER REVIEW of sample numbering completed (i.e., compare WO# on containers to COC, container ID on containers to COC, each container had a unique container ID)? Was the WO# recorded in Front Counter/Sample Receiving log?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	SRF Completed by: <i>AEA</i> Bottle Sheet by: <i>AEA</i> Peer Reviewed by: <i>KMB</i>
For any questions answered "NO," was the PM notified?	Yes No N/A <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	PM = <i>juniper</i> N/A
Additional notes (if applicable):		

WO# (7 digits)	Sample #	Sample #	Container ID	Container ID	Matrix	QC	Preservative (CHECKED)	TEST GR <sup>o</sup> ID	PRINT LABELS	Notes: ANOMALIES - e.g., preservative added or SPECIAL HANDLING - e.g., Multi-Incremental (MI), Field Filter (FF), Lab Filter (LF), use "same jar as" (SJA) for QC, 2xMeOH, bubbles, etc.
									ANALYSIS	Type comments below:
SAMPLE ID			TYPE		CONTAINERS		ANALYSIS			
1103478	001	001	A	F	1 Water		HCl * VOA or LL-Hg *	W_GRO/VOA		
1103478	001	001	G	G	1 Water		HNO3 (pH <2)	W_Metals_Total/Diss.		
1103478	001	001	H	I	1 Water		N/A	W_PAH/TAqH		
1103478	001	001	J	K	1 Water		HCl (pH <2)	W_DRO_1L		
1103478	002	002	A	F	1 Water	MS	HCl * VOA or LL-Hg *	W_GRO/VOA		
1103478	002	002	G	G	1 Water	MS	HNO3 (pH <2)	W_Metals_Total/Diss.		SJA 1 G
1103478	002	002	H	I	1 Water	MS	N/A	W_PAH/TAqH		
1103478	002	002	J	K	1 Water	MS	HCl (pH <2)	W_DRO_1L		
1103478	002	002	L	L	1 Water	MS	HNO3 (pH <2)	W_Metals_Total/Diss.		Extra Volume
1103478	003	003	A	F	1 Water	MSD	HCl * VOA or LL-Hg *	W_GRO/VOA		
1103478	003	003	G	G	1 Water	MSD	HNO3 (pH <2)	W_Metals_Total/Diss.		SJA 1 G
1103478	003	003	H	I	1 Water	MSD	N/A	W_PAH/TAqH		
1103478	003	003	J	K	1 Water	MSD	HCl (pH <2)	W_DRO_1L		
1103478	003	003	L	L	1 Water	MSD	HNO3 (pH <2)	W_Metals_Total/Diss.		Extra Volume
1103478	004	008	A	F	1 Water		HCl * VOA or LL-Hg *	W_GRO/VOA		
1103478	004	008	G	G	1 Water		HNO3 (pH <2)	W_Metals_Total/Diss.		
1103478	004	008	H	I	1 Water		N/A	W_PAH/TAqH		
1103478	004	008	J	K	1 Water		HCl (pH <2)	W_DRO_1L		
1103478	009	009	A	C	1 Water	Trip Blank	HCl * VOA or LL-Hg *	W_GRO/VOA		

1103478  


From: Origin ID: HKA (808) 528-1445  
BILL WHITMAN  
TEC INC.  
1003 BISHOP STREET, PAUHI TOWER  
SUITE 1550  
HONOLULU, HI 96813



J18201005250225

Ship Date: 14JUL10  
ActWgt: 30.0 LB  
CAD: 1774997/INET3060  
Dims: 24 X 14 X 14 IN

Delivery Address Bar Code

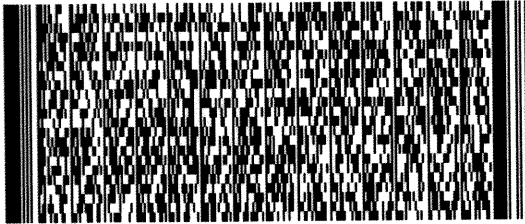


Ref # P# 3354  
Invoice #  
PO #  
Dept #

1103478



SHIP TO: (907) 562-2343 BILL THIRD PARTY  
**SAMPLE RECEIVING**  
**SGS Environmental Services**  
**200 W POTTER DR**  
  
**ANCHORAGE, AK 99518**



1 of 5

THU - 15 JUL AM

TRK# 7937 2622 9272

PRIORITY OVERNIGHT

0201

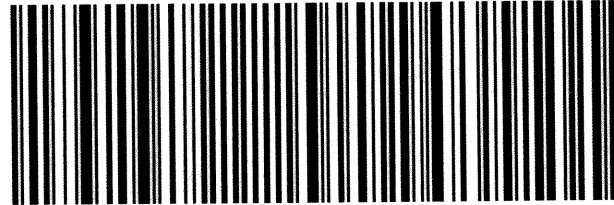
## MASTER ##

99518

AK-US

**WU ANCA**

ANC



588G1/887/8A24

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

From: Origin ID: HIKA (808) 528-1445  
BILL WHITMAN  
TEC INC.  
1003 BISHOP STREET, PAUAI TOWER  
SUITE 1550  
HONOLULU, HI 96813



J18201006250225

Ship Date: 14JUL10  
ActWgt: 30.0 LB  
CAD: 1774997/INET3060  
Dims: 24 X 14 X 14 IN

Delivery Address Bar Code



Ref # P# 3354  
Invoice #  
PO #  
Dept #



SHIP TO: (907) 562-2343 **BILL THIRD PARTY**  
**SAMPLE RECEIVING**  
**SGS Environmental Services**  
**200 W POTTER DR**  
  
**ANCHORAGE, AK 99518**

2 of 5

1

JUL AM

MPS# 7937 2622 9353

0263

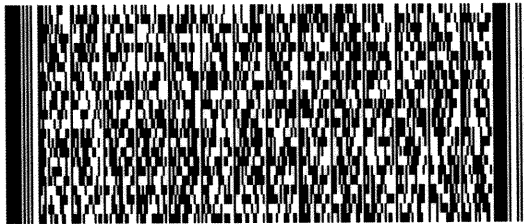
**PRIORITY OVERNIGHT**

Mstr# 7937 2622 9272 0201

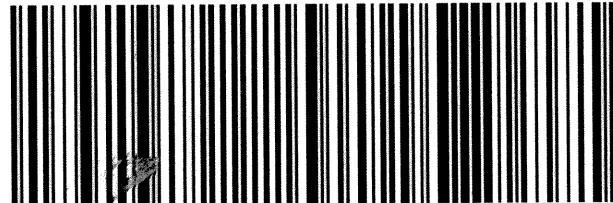
99518

AK-US

ANC



**WU ANCA**



508C1/8007/9A24

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

From: Origin ID: HIKA (808) 528-1445  
 BILL WHITMAN  
 TEC INC.  
 1003 BISHOP STREET, PAUAI TOWER  
 SUITE 1550  
 HONOLULU, HI 96813



J18291805250225

Ship Date: 14JUL10  
 ActWgt: 30.0 LB  
 CAD: 1774997/INET3060  
 Dims: 24 X 14 X 14 IN

Delivery Address Bar Code



1103478

SHIP TO: (907) 562-2343 **BILL THIRD PARTY**  
**SAMPLE RECEIVING**  
**SGS Environmental Services**  
**200 W POTTER DR**  
  
**ANCHORAGE, AK 99518**

Ref # P# 3354  
 Invoice #  
 PO #  
 Dept #

3 of 5

**THU - 15 JUL AM**  
**PRIORITY OVERNIGHT**

MPS# 7937 2622 9423

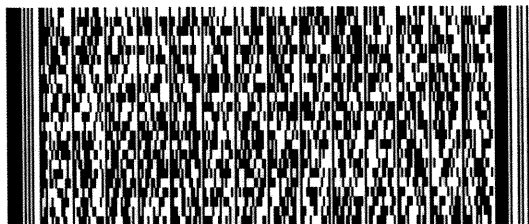
0263

Mstr# 7937 2622 9272 0201

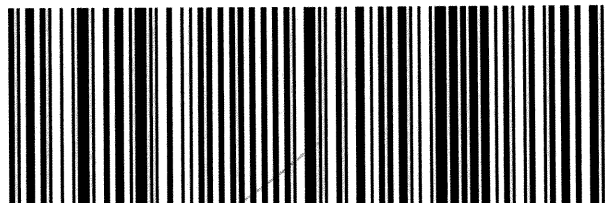
99518

AK-US

ANC



**WU ANCA**



508019887/BA24

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

From: Origin ID: HIKA (808) 528-1445  
BILL WHITMAN  
TEC INC.  
1003 BISHOP STREET, PAUAAH TOWER  
SUITE 1550  
HONOLULU, HI 96813



Ship Date: 14JUL10  
ActWgt: 30.0 LB  
CAD: 1774997/NET3060  
Dims: 24 X 14 X 14 IN

Delivery Address Bar Code



Ref # P# 3354  
Invoice #  
PO #  
Dept #

1103478



SHIP TO: (907) 562-2343 BILL THIRD PARTY  
**SAMPLE RECEIVING**  
**SGS Environmental Services**  
**200 W POTTER DR**

**ANCHORAGE, AK 99518**

4 of 5

**THU - 15 JUL AM**  
**PRIORITY OVERNIGHT**

MPS# 7937 2622 9489

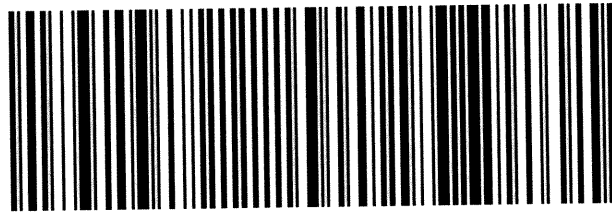
0263  
Mstr# 7937 2622 9272 0201

99518

AK-US

ANC

**WU ANCA**



588G1/8887/8A24

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

From: Origin ID: HIKA (808) 528-1445  
BILL WHITMAN  
TEC INC.  
1003 BISHOP STREET, PAUJHI TOWER  
SUITE 1550  
HONOLULU, HI 96813



J18291805258225

Ship Date: 14JUL10  
ActWgt: 30.0 LB  
CAD: 1774997/INET3060  
Dims: 24 X 14 X 14 IN

Delivery Address Bar Code



Ref # P# 3354  
Invoice #  
PO #  
Dept #

SHIP TO: (907) 562-2343 BILL THIRD PARTY  
**SAMPLE RECEIVING**  
**SGS Environmental Services**  
**200 W POTTER DR**  
  
**ANCHORAGE, AK 99518**

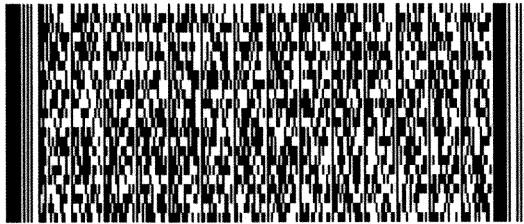
5 of 5

THU - 15 JUL AM

MPS# 7937 2622 9526

PRIORITY OVERNIGHT

0263  
Mstr# 7937 2622 9272 0201

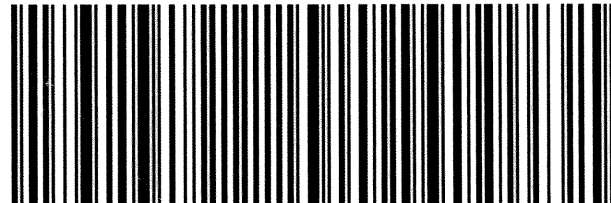


99518

AK-US

ANC

**WU ANCA**



506G18807/BA24

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.