RECEIVED DECEMBER 17, 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

S09-010

Lot #: F8K070335
SDG #: SL769

Mike Neely

CH2M Hill Plateau Remediation
PO Box 1500, MS B6-06
Richland, WA 99352

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

December 16, 2008

13715 Rider Trail North Earth City, MO 63045 **tel** 314.298.8566 **fax** 314.298.8757 **www.testamericainc.com**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CH2MHill Plateau Remediation Company
P.O. Box 1600
MSIN B6-06
Richland, Washington 99352
December 16, 2008
Attention: Mike Neely

TestAmerica Laboratories, Inc.

SDG	: SL769
Number of Samples	: 14 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: November 18, 2008

II. Introduction

Between November 7, 2008 and November 18, 2008, fourteen (14) water samples were received by TestAmerica - St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

The analytical results for this report are presented by analytical test. Each set of data includes sample identification information, analytical results and the appropriate detection limits. All results are based upon samples as they were received, i.e. wet weight, unless otherwise noted on the data sheets. See the attached Methods Summary Form for the methods used in this SDG.

Deviation from Request: None

IV. Definitions

QCBLK-	Quality Control Blank, Method Blank
QCLCS-	Quality Control Laboratory Control Sample, Blank Spike
DUP-	Laboratory Duplicate
MS-	Matrix Spike
MSD-	Matrix Spike Duplicate

V. Comments

General

The following SAFs are associated with this SDG: S09-010, I09-005, I09-001, and I09-008

The term "Detection Limit" used in the analytical data report refers to either the lab's standard reporting limits or contractually required reporting limits, whichever is applicable.

MS/MSD/Dup analysis was done per the client requirements. Analytical batches that did not contain matrix QC were analyzed with a LCS/LCS duplicate.

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CH2MHill Plateau Remediation Company TestAmerica Laboratories, Inc.
December 16, 2008
SDG: SL769

Volatiles

Batch: 8324243

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for 1,4-Dioxane (25.9%), indicating a potential high bias for this analyte in the sample associated with this CCV. This analyte is not detected above the reporting limit in the associated sample.
Affected Samples:
F8K070335 (1): B1X8W8

The MSD recovery for 1,4-Dioxane is outside the upper QC limit, indicating a potential positive bias for that analyte. This analyte was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.
Affected Samples:
F8K070335 (1): B1X8W8

Batch: 8327108

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for 1,4-Dioxane (23.9%), indicating a potential high bias for this analyte in the samples associated with this CCV. This analyte is not detected above the reporting limits in the associated samples.
Affected Samples:
F8K110262 (1): B1X8X0
F8K130254 (1): B1X8W9

For a large number of analytes in the LCS/LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD.
LCS/LCSD recoveries for Benzene are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.
Affected Samples:
F8K110262 (1): B1X8X0
F8K130254 (1): B1X8W9

The MS/MSD RPDs for 2-Butanone and 1-Butanol are not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8K110262 (1): B1X8X0
F8K130254 (1): B1X8W9

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company TestAmerica Laboratories, Inc.

December 16, 2008
SDG: SL769

Batch: 8331388

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for the following compounds: Bromomethane (56.9%), Iodomethane (41.8%), Vinyl acetate (49.0%), 1,4-Dioxane (40.4%), and 2-Hexanone (27.0%), indicating a potential high bias for these analytes in the samples associated with this CCV. These analytes are not detected above the reporting limits in the associated samples.
Affected Samples:
F8K180271 (1): B1XL28
F8K180282 (1): B1X8X1
F8K180282 (2): B1X8X2

For a large number of analytes in the LCS/LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD.
LCS and/or LCSD recoveries for Bromomethane, 1,2-Dichloropropane, Iodomethane, Vinyl Acetate, 1,1-Dichloroethane, and Benzene are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The RPDs for Acroein and 2-Butanone are outside of the QC limits. Their recoveries are within the QC limits. Results are reported with this narrative.
Affected Samples:
F8K180271 (1): B1XL28
F8K180282 (1): B1X8X1
F8K180282 (2): B1X8X2

The MS and MSD recoveries for Iodomethane are outside the established QC limits. The MS/MSD RPDs for 2-Hexanone, Acetenitrile, Acrolein, Isobutanol, 1,4-Dioxane, Acetone, and 1-Butanol are not within method acceptance criteria. A matrix interference is physically evident in the sample.
Affected Samples:
F8K180271 (1): B1XL28
F8K180282 (1): B1X8X1
F8K180282 (2): B1X8X2

Batch: 8336101

The samples were analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.
Affected Samples:
F8K180271 (1): B1XL28

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company TestAmerica Laboratories, Inc.
December 16, 2008
SDG: SL769

ICP Metals

Batch: 8330397

The samples were analyzed at a dilution due to high concentrations of target and interfering analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F8K110282 (1): B1XJ80
F8K110282 (2): B1XJ81
F8K180239 (3): B1X5L0
F8K180239 (4): B1X5L1

The MS/MSD RPD for Antimony is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8K110282 (1): B1XJ80
F8K110282 (2): B1XJ81
F8K110282 (3): B1XJ66
F8K110282 (4): B1XJW9
F8K180239 (1): B1X5F5
F8K180239 (2): B1X5F6
F8K180239 (3): B1X5L0
F8K180239 (4): B1X5L1

I certify that this Summary Package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. The Laboratory Manager or a designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Reviewed and approved:

Michael Franks
St. Louis Project Manager

13715 Rider Trail North Earth City, MO 63045 **tel** 314.298.8566 **fax** 314.298.8757 **www.testamericainc.com**

METHODS SUMMARY

SL769

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SL769 : F8K070335

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2HVE	001	B1X8W8	11/06/08	09:46

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K110262

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2N4M	001	B1X8X0	11/09/08	10:53

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
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- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K110282

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2N9G	001	B1XJ80	11/10/08	10:46
K2N9H	002	B1XJ81	11/10/08	10:46
K2N9K	003	B1XJ66	11/10/08	10:22
K2N9N	004	B1XJW9	11/10/08	10:22

NOTE(S):

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- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K130254

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2V2D	001	B1X8W9	11/11/08	10:23

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K180239

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2607	001	B1X5F5	11/13/08	10:15
K2609	002	B1X5F6	11/13/08	10:15
K261H	003	B1X5L0	11/13/08	09:06
K261J	004	B1X5L1	11/13/08	09:06

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K180271

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K261M	001	B1XL28	11/16/08	13:06

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL769 : F8K180282

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K2620	001	B1X8X1	11/14/08	11:18
K2623	002	B1X8X2	11/16/08	13:06

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
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- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SDG# SL769

CHPRC SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I09-008-28**

Page 1 of 1

Collector J. P. Herrick	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. I09-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1, NOVEMBER 2008	HWF-W-S06-16	**Ice Chest No.** GWS 007 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS
** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

PDD 11-18-08 ~~CUES~~ CUR75

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
FY08 and FY09 samples cannot be in the same SDG.
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XL28		W	11/16/08	1306	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1XL28		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
J. P. Herrick	J. P. Herrick		11-17-08 1000	FM	HALL		11-17-08 1000
FM	HALL		11-17-08 1430	FED EX			
FedEx				Daniel Dc			11-18-08 9:30

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) Disposed By Date/Time

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TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796120081493	**Reference**	GWS-007
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Nov 17, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 18, 2008 9:19 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 18, 2008	9:19 AM	**Delivered**	Earth City, MO
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:07 AM	At local FedEx facility	EARTH CITY, MO
	6:31 AM	At dest sort facility	BERKELEY, MO
	4:22 AM	Departed FedEx location	MEMPHIS, TN
	12:49 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 17, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	4:08 PM	Picked up	PASCO, WA
	1:24 PM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	**Language**	**Exception updates**	D u
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): EBK180239 (271) 276 282

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81103, 81486, 81100

COC/RFA No: 109-008-28 (see below) 75

Initiated By: Daniel Di Date: 11-18-08 Time: 9:30

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: (Y) N

Shipping # (s):*

1. 7961 2006 1493
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Sample Temperature (s):**

1. 3°C
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests; Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y (N) (N/A)	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

109-001-145,-183, X08-048-104,-109, ~~509-010~~ DUP 11-18-08
509-010-282,-283, I09-008-28

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: _____ Date: 11-24-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG # SL769

FLUOR HANFORD SL769	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I09-001-145
		Page 1 of 1

Collector K. B. Hulse	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. I09-001	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100HR3IAM(1/2), OCTOBER 2008	HWFW 506/6	**Ice Chest No.** GWS 007 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS ** **
DOD 11-18-08 ~~CR-Si~~ CUR 75

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
FY08 and FY09 samples cannot be in the same SDG.
100 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X5F5 (F)		W	11/13/08	1015	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X5F6		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X5F6		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
K. B. Hulse	K B Hulse	11-17-08 1000	FM Hall	FM Hall	11-17-08 1000
FM Hall	FM Hall	11-17-08 1430	FED EX		
Fed Ex			Dan D		11-18-08 0930

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) | Disposed By | Date/Time

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TestAmerica St. Louis

SDG# SL769

FLUOR HANFORD

SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I09-001-183**

Page 1 of 1

Collector K. B. Hulse	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. I09-001	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100HR3IAM(1/2), OCTOBER 2008	HWF-N-506-16	**Ice Chest No.** GWS-007 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7961 2008 1493
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

DDD 11-18-08 ~~CUES~~ 1 CUR75

SPECIAL INSTRUCTIONS **Hold Time**
FY08 and FY09 samples cannot be in the same SDG.
100 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X5L0 (F)		W	11/13/08	0906	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X5L1		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X5L1		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	K.B. Hulse		11-17-08 1000	Fun Hall			11-17-08 1000
Relinquished By			Date/Time	Received By			Date/Time
Fun Hall			11-17-08 1430	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX				DW Dri			11-18-08 9:30
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) | Disposed By | Date/Time

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TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796120081493	**Reference**	GWS-007
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Nov 17, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 18, 2008 9:19 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 18, 2008	9:19 AM	**Delivered**	Earth City, MO
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:07 AM	At local FedEx facility	EARTH CITY, MO
	6:31 AM	At dest sort facility	BERKELEY, MO
	4:22 AM	Departed FedEx location	MEMPHIS, TN
	12:49 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 17, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	4:08 PM	Picked up	PASCO, WA
	1:24 PM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	**Language**	**Exception updates**	[illegible]
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): (EBK180239) 271 276 282

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81103, 81486, 81100

COC/RFA No: 109-008-28 (see below) 75

Initiated By: [illegible] Date: 11-18-08 Time: 9:30

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: (Y) N

Shipping # (s):*				Sample Temperature (s):**			
1.	7961 2008 1493	6.		1.	3°C	6.	
2.		7.		2.		7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests; (Liquid) or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y (N) N/A	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

109-001-145,-183, X08-048-104,-109, 5 09-010-282,-283,

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: _____ Date: 11-24-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG# SL769

FLUOR HANFORD 56769

CWC 38

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S09-010-280

Page 1 of 1

Collector: KJ Young	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: S09-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, OCTOBER 2008	HNFW-5076	Ice Chest No.: G605-054 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7961 0851 2636
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS **Hold Time**
FY08 and FY09 samples cannot be in the same SDG.
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X8W9		W	11/11/08	1023	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8W9		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
KJ Young	KJ Young		11-12-08 0945	FM Hall			11-12-08 0945
FM Hall			11-12-08 1400	FED EX			
FED EX				Angela Boan			11/13/08 9:30

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process)

Disposed By

Date/Time

21

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TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796108512636	**Reference**	GWS-054
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 12, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 13, 2008 9:18 AM	**Service type**	Priority Overnight
		Weight	43.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 13, 2008	9:18 AM	**Delivered**	Earth City, MO
	7:14 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:09 AM	At local FedEx facility	EARTH CITY, MO
	5:50 AM	At dest sort facility	BERKELEY, MO
	4:37 AM	Departed FedEx location	MEMPHIS, TN
	12:35 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 12, 2008	5:07 PM	Left FedEx origin facility	PASCO, WA
	4:14 PM	Picked up	PASCO, WA
	11:43 AM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	**Language**	**Exception updates**	[
	English		
	English		
	English		
	English		

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8K130249 (254)

AB 11-13-08

CONDITION UPON RECEIPT FORM

Client: Hanford CH2MPR

Quote No: 80162, 81100

COC/RFA No: 108-048-194, SO9-10-3880

Initiated By: AB Date: 11/13/08 Time: 9.30

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: Y (N)

Shipping # (s):*				Sample Temperature (s):**			
1.	7961 0851 2636	6.		1.	4	6.	
2.		7.		2.		7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N (N/A)	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: _____ Date: 11-16-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG# SL769

CHPRC 5L769	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I09-005-412
		Page 1 of 1

Collector JP Herrick	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I09-005	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2), NOVEMBER 2008	HWF - N - SL-17	Ice Chest No. GRP-04-014 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7971 0050 4037
Protocol CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
FY08 and FY09 samples cannot be in the same SDG.
100 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XJ80 (F)		W	11/10/08	1046	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XJ81		W	"	"	1x20-mL P	Activity Scan	6 Months	None
B1XJ81		W	"	"	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JP Herrick	J. Herrick		11-10-08 1100	FM Hall			11-10-08 1100
Relinquished By			Date/Time	Received By			Date/Time
FM Hall			11-10-08 1430	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx							11/11/08 0930
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) Disposed By Date/Time

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TestAmerica St. Louis

SDG# SL769

CHPRC SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-005-320

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I09-005	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100HR3JAM(1/2), NOVEMBER 2008	HWF-N-TOG11	Ice Chest No.: GRP-04-014 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7971 0050 4037
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS **Hold Time**
FY08 and FY09 samples cannot be in the same SDG.
100 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XJ66		W	11/10/03	1622	1x20-mL P	Activity Scan	6 Months	None
B1XJ66		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XJW9 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	11-10-08 1100	FM Hall	11-10-08 1100
FM Hall	11-10-08 1430	FED EX	Date/Time
FEDEX	Date/Time	6-DY	11/11/08 0830
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION
Disposal Method (e.g., Return to customer, per lab procedure, used in process) | Disposed By | Date/Time

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TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797100504037	**Reference**	GRP-04-014
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 10, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 11, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	20.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 11, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:21 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:14 AM	At local FedEx facility	EARTH CITY, MO
	5:33 AM	At dest sort facility	BERKELEY, MO
	4:31 AM	Departed FedEx location	MEMPHIS, TN
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 10, 2008	5:18 PM	Left FedEx origin facility	PASCO, WA
	3:57 PM	Picked up	PASCO, WA
	1:43 PM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	**Language**	**Exception updates**	[
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8K110262 269 282

- 660 -

Condition Upon Receipt Form

Client: CH2M Quote No: 80162/8110 00/81406 COC/RFA No: see below Initiated By: BL Date: 11/11/08 Time: 0830

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1.	7971 0050 4037	6.		1.	2	6.	
2.	7970 9996 7909	7.		2.	2	7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: 1. I09-005-320, 420
2. S09-010-281, x08-046-114, 119

Corrective Action:

- ☐ Client Contact Name: _____ Informed by: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: [signature] Date: 11-11-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG# SL769

FLUOR HANFORD SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S09-010-281**

Page 1 of 1

Collector F. M. Hall	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. S09-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** 7970 9998 7909
Project Title SURV, OCTOBER 2008	HNF-N-506-17	**Ice Chest No** GWS-029 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7970 9998 7909
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.** N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS **Hold Time**
FY08 and FY09 samples cannot be in the same SDG.
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X8X0		W	11/09/08	1053	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8X0		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
F. M. Hall	F. M. Hall	11-10-08 1400	FED EX		
Relinquished By		Date/Time	Received By		Date/Time
FedEx					11/11/08 0930
Relinquished By		Date/Time	Received By		Date/Time
Relinquished By		Date/Time	Received By		Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) | Disposed By | Date/Time

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TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797099987909	**Reference**	GWS-029
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 10, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 11, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	94.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 11, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:11 AM	At local FedEx facility	EARTH CITY, MO
	5:33 AM	At dest sort facility	BERKELEY, MO
	4:31 AM	Departed FedEx location	MEMPHIS, TN
Nov 10, 2008	5:18 PM	Left FedEx origin facility	PASCO, WA
	3:57 PM	Picked up	PASCO, WA
	11:30 AM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	Language	Exception updates	D u
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8K110262
269

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Condition Upon Receipt Form

Client: CH2M
Quote No: 80162/81100
COC/RFA No: see below
Initiated By: BH
Date: 11/11/08
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7971 0050 4037
2. 7970 9996 1909
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N
Sample Temperature (s):**
1. 2
2. 2
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: 1. I09-005-320, 420
2. S09-010-261, x08-046-114, 199

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: _____ Date: 11-11-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG# SL769

FLUOR HANFORD SL769

Arl 622

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S09-010-279**

Page 1 of 1

Collector A. Ellingsworth	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. S09-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, OCTOBER 2008	HNF-N-506-16	**Ice Chest No.** SAWS-10 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-9979-4736
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS **Hold Time**
FY08 and FY09 samples cannot be in the same SDG.
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X8W8		W	11/6/08	0946	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8W8		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. Ellingsworth	A Ellingsworth		NOV 06 2008	FED EX			NOV 06 2008
Relinquished By			Date/Time	Received By			Date/Time
FedEx				Angela Bryan			11/7/08 9:30
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) | Disposed By | Date/Time

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796099794736	**Reference**	SAWS-10
Signed for by	A.BRUNSON	**Destination**	Earth City, MO
Ship date	Nov 6, 2008	**Delivered to**	Receptionist/Front Desk
Delivery date	Nov 7, 2008 9:17 AM	**Service type**	Priority Overnight
		Weight	89.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 7, 2008	9:17 AM	**Delivered**	Earth City, MO
	8:01 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:18 AM	At local FedEx facility	EARTH CITY, MO
	5:02 AM	At dest sort facility	BERKELEY, MO
	4:18 AM	Departed FedEx location	MEMPHIS, TN
	12:59 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 6, 2008	5:16 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	3:57 PM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	**Language**	**Exception updates**	D u
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8K070326 (331)

- 622 -

Condition Upon Receipt Form

Client: CH2M
Quote No: 8100, 80142

COC/RFA No: See below
Initiated By: AB

Date: 11/7/08
Time: 9:30

Shipping Information

Shipper Name: FF

Shipping # (s):*
1. _____
2. _____
3. TRK# 7960 9979 4736 FOR 020
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Multiple Packages Y (N)

Sample Temperature (s):**
1. 3
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N (11.76)	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: COC - SOP-010-279
XC08-048-184, 129, 179

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: _____ Date: 11-11-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

SDG# SL769

FLUOR HANFORD SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S09-010-282**

Page 1 of 1

Collector Scott E. Hamaker	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. S09-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, OCTOBER 2008	HNF-N-506-20/14	**Ice Chest No.** GWS-007 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS
** **
DDD 11-18-08 CUR 75

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
FY08 and FY09 samples cannot be in the same SDG.
Site-Wide Generator Knowledge Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X8X1		W	11/14/08	1118	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8X1		W	11/14/08	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Scott E. Hamaker / Scott Hamaker	11-17-08 1000	FM Hall / FM Hall	11-17-08 1000
FM Hall / FM Hall	11-17-08 1430	FED EX	
FED EX		Don Di	11-18-08 9:30
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

TestAmerica St. Louis

34 of 106

SDG# SL769

FLUOR HANFORD SL769

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S09-010-283**

Page 1 of 1

Collector J. P. Herrick	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. S09-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, OCTOBER 2008	HWF-W-SD6-16	**Ice Chest No.** GWS 007 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

DDD 11-18-08 C4R 75
EDC 51

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
FY08 and FY09 samples cannot be in the same SDG.
Site-Wide Generator Knowledge Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X8X2		W	11/1/08	1306	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8X2		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	J. P. Herrick	J. Herrick	11-17-08 1000	FM	Hall		11-17-08 1000
Relinquished By			Date/Time	Received By			Date/Time
FM Hall			11-17-08 1930	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx							11-18-08 9:30
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) Disposed By Date/Time

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796120081493	**Reference**	GWS-007
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Nov 17, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 18, 2008 9:19 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 18, 2008	9:19 AM	**Delivered**	Earth City, MO
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:07 AM	At local FedEx facility	EARTH CITY, MO
	6:31 AM	At dest sort facility	BERKELEY, MO
	4:22 AM	Departed FedEx location	MEMPHIS, TN
	12:49 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 17, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	4:08 PM	Picked up	PASCO, WA
	1:24 PM	Package data transmitted to FedEx	

Signature proof E-mail results Track more shipments/o

Subscribe to tracking updates (optional)

Your name: **Your e-mail address:**

E-mail address	Language	Exception updates	D u
	English	☐	
	English	☐	
	English	☐	
	English	☐	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

☐ By selecting this check box and the Submit button, I agree to these Terms and Conditions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): E8K180239
271
276
(282)

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81103, 81486, 81100

COC/RFA No: 109-008-28 (see below) 75

Initiated By: [illegible] Date: 11-18-08 Time: 9:30

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: (Y) N

Shipping # (s):*				Sample Temperature (s):**			
1.	7961 2006 1493	6.		1.	3°C	6.	
2.		7.		2.		7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests; (Liquid) or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y (N) N/A	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

109-001-145,-183, X08-048-104,-109, 509-010 DUP 11-19-08
509-010-282,-283,

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: [signature] Date: 11-24-08

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

GC/MS VOLATILES

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8W8

GC/MS Volatiles

Lot-Sample #...: F8K070335-001 **Work Order #...:** K2HVE1AC **Matrix.....:** WATER
Date Sampled...: 11/06/08 **Date Received..:** 11/07/08
Prep Date.....: 11/17/08 **Analysis Date..:** 11/17/08
Prep Batch #...: 8324243
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND T	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**1.9**	**1.0**	**ug/L**	**0.091**
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(76 - 115)
Dibromofluoromethane	105	(81 - 123)
1,2-Dichloroethane-d4	103	(70 - 130)
4-Bromofluorobenzene	95	(79 - 115)

NOTE(S):

T Spike sample recovery is outside control limits.

CH2M Hill Plateau Remediation DOE RL

B1X8W8

GC/MS Volatiles

Lot-Sample #: F8K070335-001 **Work Order #:** K2HVE1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8X0

GC/MS Volatiles

Lot-Sample #...: F8K110262-001 **Work Order #...:** K2N4M1AC **Matrix.....:** WATER
Date Sampled...: 11/09/08 **Date Received..:** 11/11/08
Prep Date.....: 11/18/08 **Analysis Date..:** 11/18/08
Prep Batch #...: 8327108
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**7.0**	**1.0**	**ug/L**	**0.091**
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 115)
Dibromofluoromethane	101	(81 - 123)
1,2-Dichloroethane-d4	98	(70 - 130)
4-Bromofluorobenzene	109	(79 - 115)

CH2M Hill Plateau Remediation DOE RL

B1X8X0

GC/MS Volatiles

Lot-Sample #: F8K110262-001 **Work Order #:** K2N4M1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8W9

GC/MS Volatiles

Lot-Sample #...: F8K130254-001 **Work Order #...:** K2V2D1AC **Matrix.....:** WATER
Date Sampled...: 11/11/08 **Date Received..:** 11/13/08
Prep Date.....: 11/18/08 **Analysis Date..:** 11/18/08
Prep Batch #...: 8327108
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	ND	1.0	ug/L	0.091
Carbon disulfide	**0.085 J**	**1.0**	**ug/L**	**0.029**
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	**0.58 J**	**1.0**	**ug/L**	**0.080**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 115)
Dibromofluoromethane	99	(81 - 123)
1,2-Dichloroethane-d4	98	(70 - 130)
4-Bromofluorobenzene	111	(79 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1X8W9

GC/MS Volatiles

Lot-Sample #: F8K130254-001 **Work Order #:** K2V2D1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL28

GC/MS Volatiles

Lot-Sample #...: F8K180271-001 **Work Order #...:** K261M1AC **Matrix.....:** WATER
Date Sampled...: 11/16/08 **Date Received..:** 11/18/08
Prep Date.....: 11/24/08 **Analysis Date..:** 11/24/08
Prep Batch #...: 8331388
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetonitrile	ND	5.0	ug/L	4.2
Acrolein	ND	10	ug/L	0.52
Bromodichloromethane	**0.47 J**	**1.0**	**ug/L**	**0.088**
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	2.0	ug/L	0.50
Chlorobenzene	ND	1.0	ug/L	0.48
Chloroprene	ND	1.0	ug/L	0.085
Dibromochloromethane	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.48
Chloroethane	ND	2.0	ug/L	0.085
Chloromethane	**0.24 J**	**2.0**	**ug/L**	**0.036**
Allyl chloride	ND	2.0	ug/L	0.20
1,2-Dibromoethane	ND	1.0	ug/L	0.15
Dibromomethane	ND	1.0	ug/L	0.14
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.75
Dichlorodifluoromethane	ND	2.0	ug/L	0.074
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,2-Dichloroethene (total)	ND	2.0	ug/L	0.14
1,2-Dichloropropane	ND	1.0	ug/L	0.077
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.099
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.080
1,4-Dioxane	ND	20	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Ethyl methacrylate	ND	1.0	ug/L	0.39
Trichlorofluoromethane	ND	1.0	ug/L	0.10
2-Hexanone	ND	5.0	ug/L	0.080
Iodomethane	ND T	2.0	ug/L	0.33
Isobutanol	ND	80	ug/L	6.1
Methacrylonitrile	ND	5.0	ug/L	1.8
Methyl methacrylate	ND	1.0	ug/L	0.62
Styrene	ND	1.0	ug/L	0.079
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.27
1,2,3-Trichloropropane	ND	1.0	ug/L	0.22
Vinyl acetate	ND	2.0	ug/L	0.22
Vinyl chloride	ND	2.0	ug/L	0.13

(Continued on next page)

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL28

GC/MS Volatiles

Lot-Sample #...: F8K180271-001 **Work Order #...:** K261M1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	ND	1.0	ug/L	0.091
Carbon disulfide	**1.7**	**1.0**	**ug/L**	**0.029**
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	**9.1**	**1.0**	**ug/L**	**0.080**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	**6.9**	**1.0**	**ug/L**	**0.11**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	**0.29 J**	**1.0**	**ug/L**	**0.14**
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(76 - 115)
Dibromofluoromethane	90	(81 - 123)
1,2-Dichloroethane-d4	95	(70 - 130)
4-Bromofluorobenzene	112	(79 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

T Spike sample recovery is outside control limits.

CH2M Hill Plateau Remediation DOE RL

B1XL28

GC/MS Volatiles

Lot-Sample #: F8K180271-001 **Work Order #:** K261M1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL28

GC/MS Volatiles

Lot-Sample #...: F8K180271-001 **Work Order #...:** K261M2AC **Matrix.....:** WATER
Date Sampled...: 11/16/08 **Date Received..:** 11/18/08
Prep Date.....: 11/26/08 **Analysis Date..:** 11/26/08
Prep Batch #...: 8336101
Dilution Factor: 50 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**1700 D**		**ug/L**	**2.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 115)
Dibromofluoromethane	104	(81 - 123)
1,2-Dichloroethane-d4	96	(70 - 130)
4-Bromofluorobenzene	107	(79 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8X1

GC/MS Volatiles

Lot-Sample #...: F8K180282-001 **Work Order #...:** K26201AC **Matrix.....:** WATER
Date Sampled...: 11/14/08 **Date Received..:** 11/18/08
Prep Date.....: 11/24/08 **Analysis Date..:** 11/24/08
Prep Batch #...: 8331388
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**0.75 J**	**1.0**	**ug/L**	**0.091**
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 115)
Dibromofluoromethane	100	(81 - 123)
1,2-Dichloroethane-d4	98	(70 - 130)
4-Bromofluorobenzene	105	(79 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1X8X1

GC/MS Volatiles

Lot-Sample #: F8K180282-001 **Work Order #:** K26201AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8X2

GC/MS Volatiles

Lot-Sample #...: F8K180282-002 **Work Order #...:** K26231AC **Matrix.....:** WATER
Date Sampled...: 11/16/08 **Date Received..:** 11/18/08
Prep Date.....: 11/24/08 **Analysis Date..:** 11/24/08
Prep Batch #...: 8331388
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**3.7**	**1.0**	**ug/L**	**0.091**
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(76 - 115)
Dibromofluoromethane	100	(81 - 123)
1,2-Dichloroethane-d4	96	(70 - 130)
4-Bromofluorobenzene	105	(79 - 115)

CH2M Hill Plateau Remediation DOE RL

B1X8X2

GC/MS Volatiles

Lot-Sample #: F8K180282-002 **Work Order #:** K26231AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K28P01AA **Matrix.....:** WATER
MB Lot-Sample #: F8K190000-243

Prep Date.....: 11/17/08
Analysis Date..: 11/17/08 **Prep Batch #...:** 8324243
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	**0.030 J**	**1.0**	**ug/L**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 115)
Dibromofluoromethane	105	(81 - 123)
1,2-Dichloroethane-d4	104	(70 - 130)
4-Bromofluorobenzene	95	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8K190000-243 B **Work Order #:** K28P01AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3HNX1AA **Matrix.....:** WATER
MB Lot-Sample #: F8K220000-108

Prep Date.....: 11/18/08
Analysis Date..: 11/18/08 **Prep Batch #...:** 8327108
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(76 - 115)
Dibromofluoromethane	102	(81 - 123)
1,2-Dichloroethane-d4	98	(70 - 130)
4-Bromofluorobenzene	105	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

CH2M Hill Plateau Remediation DOE RL

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8K220000-108 B **Work Order #:** K3HNX1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VWT1AA **Matrix.....:** WATER
MB Lot-Sample #: F8K260000-388

Prep Date.....: 11/24/08
Analysis Date..: 11/24/08 **Prep Batch #...:** 8331388
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Acetonitrile	ND	5.0	ug/L	SW846 8260B
Acrolein	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Allyl chloride	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	20	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isobutanol	ND	80	ug/L	SW846 8260B
Methacrylonitrile	ND	5.0	ug/L	SW846 8260B
Methyl methacrylate	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VWT1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 115)
Dibromofluoromethane	99	(81 - 123)
1,2-Dichloroethane-d4	92	(70 - 130)
4-Bromofluorobenzene	103	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

CH2M Hill Plateau Remediation DOE RL

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8K260000-388 B **Work Order #:** K3VWT1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VA91AA **Matrix.....:** WATER
MB Lot-Sample #: F8L010000-101

Prep Date.....: 11/26/08
Analysis Date..: 11/26/08 **Prep Batch #...:** 8336101
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(76 - 115)
Dibromofluoromethane	97	(81 - 123)
1,2-Dichloroethane-d4	95	(70 - 130)
4-Bromofluorobenzene	101	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 Work Order #...: K28P01AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8K190000-243 K28P01AD-LCSD
Prep Date.....: 11/17/08 Analysis Date..: 11/17/08
Prep Batch #...: 8324243
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.81	ug/L	98	1.1	SW846 8260B
Ethylbenzene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.4	ug/L	104	0.76	SW846 8260B
1,4-Dioxane	200	211	ug/L	106		SW846 8260B
	200	244	ug/L	122	14	SW846 8260B
Vinyl chloride	10.0	8.54	ug/L	85		SW846 8260B
	10.0	8.16	ug/L	82	4.5	SW846 8260B
Acetone	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.1	ug/L	101	0.79	SW846 8260B
Methylene chloride	10.0	9.80	ug/L	98		SW846 8260B
	10.0	9.83	ug/L	98	0.25	SW846 8260B
Carbon disulfide	10.0	9.04	ug/L	90		SW846 8260B
	10.0	8.87	ug/L	89	1.9	SW846 8260B
1,1-Dichloroethane	10.0	9.43	ug/L	94		SW846 8260B
	10.0	9.32	ug/L	93	1.2	SW846 8260B
2-Butanone	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.3	ug/L	103	6.0	SW846 8260B
Chloroform	10.0	9.68	ug/L	97		SW846 8260B
	10.0	9.70	ug/L	97	0.19	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.96	ug/L	100	2.9	SW846 8260B
Propionitrile	50.0	59.6	ug/L	119		SW846 8260B
	50.0	63.4	ug/L	127	6.2	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.46	ug/L	95	2.7	SW846 8260B
1,1,1-Trichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.61	ug/L	96	6.3	SW846 8260B
Carbon tetrachloride	10.0	10.8	ug/L	108		SW846 8260B
	10.0	10.5	ug/L	105	3.2	SW846 8260B
1,2-Dichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.39	SW846 8260B
Benzene	10.0	9.63	ug/L	96		SW846 8260B
	10.0	9.54	ug/L	95	0.92	SW846 8260B
Trichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.90	ug/L	99	3.7	SW846 8260B
4-Methyl-2-pentanone	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.6	ug/L	106	3.2	SW846 8260B
1,1,2-Trichloroethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.9	ug/L	109	3.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K28P01AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K190000-243 K28P01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.72**	**ug/L**	**97**		**SW846 8260B**
	10.0	**9.78**	**ug/L**	**98**	**0.51**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**57.7**	**ug/L**	**115**		**SW846 8260B**
	50.0	**55.0**	**ug/L**	**110**	**4.7**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.19**	**ug/L**	**92**		**SW846 8260B**
	10.0	**9.37**	**ug/L**	**94**	**1.9**	**SW846 8260B**
1-Butanol	**100**	**95.0**	**ug/L**	**95**		**SW846 8260B**
	100	**91.2**	**ug/L**	**91**	**4.1**	**SW846 8260B**
Toluene	**10.0**	**9.23**	**ug/L**	**92**		**SW846 8260B**
	10.0	**9.12**	**ug/L**	**91**	**1.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(82 - 115)
	98	(82 - 115)
Dibromofluoromethane	105	(79 - 120)
	103	(79 - 120)
1,2-Dichloroethane-d4	101	(62 - 130)
	103	(62 - 130)
4-Bromofluorobenzene	94	(77 - 115)
	97	(77 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3HNX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K220000-108 K3HNX1AD-LCSD
Prep Date.....: 11/18/08 **Analysis Date..:** 11/18/08
Prep Batch #...: 8327108
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.34	ug/L	83		SW846 8260B
	10.0	8.47	ug/L	85	1.5	SW846 8260B
Ethylbenzene	10.0	8.58	ug/L	86		SW846 8260B
	10.0	8.90	ug/L	89	3.7	SW846 8260B
1,4-Dioxane	200	170	ug/L	85		SW846 8260B
	200	200	ug/L	100	16	SW846 8260B
Vinyl chloride	10.0	7.05	ug/L	71		SW846 8260B
	10.0	7.99	ug/L	80	12	SW846 8260B
Acetone	10.0	10.5	ug/L	105		SW846 8260B
	10.0	11.9	ug/L	119	13	SW846 8260B
Methylene chloride	10.0	8.40	ug/L	84		SW846 8260B
	10.0	8.65	ug/L	87	3.0	SW846 8260B
Carbon disulfide	10.0	9.73	ug/L	97		SW846 8260B
	10.0	10.1	ug/L	101	3.3	SW846 8260B
1,1-Dichloroethane	10.0	8.55	ug/L	86		SW846 8260B
	10.0	8.74	ug/L	87	2.2	SW846 8260B
2-Butanone	10.0	5.14	ug/L	51		SW846 8260B
	10.0	5.42	ug/L	54	5.4	SW846 8260B
Chloroform	10.0	8.82	ug/L	88		SW846 8260B
	10.0	9.14	ug/L	91	3.6	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.74	ug/L	87		SW846 8260B
	10.0	9.37	ug/L	94	7.0	SW846 8260B
Propionitrile	50.0	45.5	ug/L	91		SW846 8260B
	50.0	48.9	ug/L	98	7.2	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.70	ug/L	87		SW846 8260B
	10.0	8.99	ug/L	90	3.2	SW846 8260B
1,1,1-Trichloroethane	10.0	8.94	ug/L	89		SW846 8260B
	10.0	9.21	ug/L	92	2.9	SW846 8260B
Carbon tetrachloride	10.0	8.88	ug/L	89		SW846 8260B
	10.0	9.13	ug/L	91	2.8	SW846 8260B
1,2-Dichloroethane	10.0	8.69	ug/L	87		SW846 8260B
	10.0	8.82	ug/L	88	1.5	SW846 8260B
Benzene	10.0	8.46 a	ug/L	85		SW846 8260B
	10.0	8.60 a	ug/L	86	1.7	SW846 8260B
Trichloroethene	10.0	8.64	ug/L	86		SW846 8260B
	10.0	8.90	ug/L	89	3.0	SW846 8260B
4-Methyl-2-pentanone	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.3	ug/L	103	1.7	SW846 8260B
1,1,2-Trichloroethane	10.0	8.89	ug/L	89		SW846 8260B
	10.0	9.44	ug/L	94	6.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3HNX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K220000-108 K3HNX1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**8.85**	**ug/L**	**89**		**SW846 8260B**
	10.0	**9.20**	**ug/L**	**92**	**3.9**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**51.0**	**ug/L**	**102**		**SW846 8260B**
	50.0	**55.0**	**ug/L**	**110**	**7.5**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**8.58**	**ug/L**	**86**		**SW846 8260B**
	10.0	**8.68**	**ug/L**	**87**	**1.2**	**SW846 8260B**
1-Butanol	**100**	**101**	**ug/L**	**101**		**SW846 8260B**
	100	**105**	**ug/L**	**105**	**3.8**	**SW846 8260B**
Toluene	**10.0**	**8.53**	**ug/L**	**85**		**SW846 8260B**
	10.0	**8.75**	**ug/L**	**88**	**2.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(82 - 115)
	97	(82 - 115)
Dibromofluoromethane	101	(79 - 120)
	102	(79 - 120)
1,2-Dichloroethane-d4	97	(62 - 130)
	98	(62 - 130)
4-Bromofluorobenzene	100	(77 - 115)
	98	(77 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 Work Order #...: K3VWT1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8K260000-388 K3VWT1AD-LCSD
Prep Date.....: 11/24/08 Analysis Date..: 11/24/08
Prep Batch #...: 8331388
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Allyl chloride	10.0	9.02	ug/L	90		SW846 8260B
	10.0	8.90	ug/L	89	1.3	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.86	ug/L	99		SW846 8260B
	10.0	9.59	ug/L	96	2.8	SW846 8260B
1,2-Dibromoethane	10.0	9.55	ug/L	95		SW846 8260B
	10.0	9.27	ug/L	93	2.9	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	9.37	ug/L	94		SW846 8260B
	10.0	9.94	ug/L	99	5.8	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	6.83	ug/L	68		SW846 8260B
	10.0	6.63	ug/L	66	2.9	SW846 8260B
Ethyl methacrylate	10.0	9.14	ug/L	91		SW846 8260B
	10.0	9.09	ug/L	91	0.51	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.24	ug/L	92		SW846 8260B
	10.0	8.84	ug/L	88	4.4	SW846 8260B
Dibromochloromethane	10.0	9.59	ug/L	96		SW846 8260B
	10.0	9.26	ug/L	93	3.6	SW846 8260B
Chloromethane	10.0	7.42	ug/L	74		SW846 8260B
	10.0	7.27	ug/L	73	2.1	SW846 8260B
Bromomethane	10.0	14.7 a	ug/L	147		SW846 8260B
	10.0	14.3 a	ug/L	143	2.6	SW846 8260B
Chloroethane	10.0	8.91	ug/L	89		SW846 8260B
	10.0	8.66	ug/L	87	2.9	SW846 8260B
1,1-Dichloroethene	10.0	8.68	ug/L	87		SW846 8260B
	10.0	8.53	ug/L	85	1.8	SW846 8260B
1,2-Dichloroethene (total)	20.0	18.2	ug/L	91		SW846 8260B
	20.0	17.5	ug/L	88	3.9	SW846 8260B
1,2-Dichloropropane	10.0	8.53	ug/L	85		SW846 8260B
	10.0	8.39 a	ug/L	84	1.6	SW846 8260B
Bromodichloromethane	10.0	8.78	ug/L	88		SW846 8260B
	10.0	8.56	ug/L	86	2.5	SW846 8260B
trans-1,3-Dichloropropene	10.0	9.28	ug/L	93		SW846 8260B
	10.0	9.10	ug/L	91	1.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VWT1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K260000-388 K3VWT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2-Hexanone	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.8	ug/L	108	3.2	SW846 8260B
Chlorobenzene	10.0	9.04	ug/L	90		SW846 8260B
	10.0	8.73	ug/L	87	3.5	SW846 8260B
Bromoform	10.0	9.34	ug/L	93		SW846 8260B
	10.0	9.03	ug/L	90	3.4	SW846 8260B
Ethylbenzene	10.0	9.13	ug/L	91		SW846 8260B
	10.0	8.86	ug/L	89	3.0	SW846 8260B
Styrene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.92	ug/L	99	4.1	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.46	ug/L	85		SW846 8260B
	10.0	8.37	ug/L	84	1.1	SW846 8260B
Methyl methacrylate	10.0	9.54	ug/L	95		SW846 8260B
	10.0	9.48	ug/L	95	0.62	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	9.35	ug/L	93		SW846 8260B
	10.0	9.12	ug/L	91	2.4	SW846 8260B
Trichlorofluoromethane	10.0	9.71	ug/L	97		SW846 8260B
	10.0	9.59	ug/L	96	1.2	SW846 8260B
Acetonitrile	50.0	43.0	ug/L	86		SW846 8260B
	50.0	38.8	ug/L	78	10	SW846 8260B
Iodomethane	10.0	14.2 a	ug/L	142		SW846 8260B
	10.0	14.1 a	ug/L	141	0.99	SW846 8260B
Vinyl acetate	10.0	14.4 a	ug/L	144		SW846 8260B
	10.0	14.0	ug/L	140	3.4	SW846 8260B
Acrolein	50.0	60.9	ug/L	122		SW846 8260B
	50.0	48.1 p	ug/L	96	23	SW846 8260B
Isobutanol	200	179	ug/L	89		SW846 8260B
	200	172	ug/L	86	3.6	SW846 8260B
Methacrylonitrile	50.0	47.6	ug/L	95		SW846 8260B
	50.0	46.5	ug/L	93	2.4	SW846 8260B
1,4-Dioxane	200	237	ug/L	118		SW846 8260B
	200	238	ug/L	119	0.63	SW846 8260B
Chloroprene	10.0	9.58	ug/L	96		SW846 8260B
	10.0	9.42	ug/L	94	1.7	SW846 8260B
Vinyl chloride	10.0	8.81	ug/L	88		SW846 8260B
	10.0	8.75	ug/L	88	0.69	SW846 8260B
Acetone	10.0	11.0	ug/L	110		SW846 8260B
	10.0	9.81	ug/L	98	11	SW846 8260B
Methylene chloride	10.0	8.49	ug/L	85		SW846 8260B
	10.0	8.23	ug/L	82	3.0	SW846 8260B
Carbon disulfide	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.75	ug/L	98	3.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VWT1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K260000-388 K3VWT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethane	10.0	8.56	ug/L	86		SW846 8260B
	10.0	8.29 a	ug/L	83	3.2	SW846 8260B
2-Butanone	10.0	8.85	ug/L	88		SW846 8260B
	10.0	5.51 p	ug/L	55	46	SW846 8260B
Chloroform	10.0	8.82	ug/L	88		SW846 8260B
	10.0	8.70	ug/L	87	1.4	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.10	ug/L	91		SW846 8260B
	10.0	8.53	ug/L	85	6.4	SW846 8260B
Propionitrile	50.0	43.1	ug/L	86		SW846 8260B
	50.0	43.0	ug/L	86	0.32	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.13	ug/L	91		SW846 8260B
	10.0	8.99	ug/L	90	1.5	SW846 8260B
1,1,1-Trichloroethane	10.0	9.06	ug/L	91		SW846 8260B
	10.0	8.83	ug/L	88	2.6	SW846 8260B
Carbon tetrachloride	10.0	9.16	ug/L	92		SW846 8260B
	10.0	8.96	ug/L	90	2.2	SW846 8260B
1,2-Dichloroethane	10.0	8.82	ug/L	88		SW846 8260B
	10.0	8.70	ug/L	87	1.4	SW846 8260B
Benzene	10.0	8.59 a	ug/L	86		SW846 8260B
	10.0	8.41 a	ug/L	84	2.2	SW846 8260B
Trichloroethene	10.0	9.23	ug/L	92		SW846 8260B
	10.0	8.94	ug/L	89	3.2	SW846 8260B
4-Methyl-2-pentanone	10.0	12.0	ug/L	120		SW846 8260B
	10.0	11.2	ug/L	112	7.0	SW846 8260B
1,1,2-Trichloroethane	10.0	9.21	ug/L	92		SW846 8260B
	10.0	8.91	ug/L	89	3.3	SW846 8260B
Tetrachloroethene	10.0	9.57	ug/L	96		SW846 8260B
	10.0	9.39	ug/L	94	1.9	SW846 8260B
Tetrahydrofuran	50.0	53.5	ug/L	107		SW846 8260B
	50.0	55.3	ug/L	111	3.4	SW846 8260B
1,4-Dichlorobenzene	10.0	9.21	ug/L	92		SW846 8260B
	10.0	9.03	ug/L	90	2.0	SW846 8260B
1-Butanol	100	87.0	ug/L	87		SW846 8260B
	100	97.0	ug/L	97	11	SW846 8260B
Toluene	10.0	8.88	ug/L	89		SW846 8260B
	10.0	8.62	ug/L	86	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(82 - 115)
	97	(82 - 115)
Dibromofluoromethane	105	(79 - 120)
	100	(79 - 120)
1,2-Dichloroethane-d4	97	(62 - 130)
	101	(62 - 130)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VWT1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8K260000-388 K3VWT1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	102	(77 - 115)
	99	(77 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3VA91AC **Matrix.....:** WATER
LCS Lot-Sample#: F8L010000-101
Prep Date.....: 11/26/08 **Analysis Date..:** 11/26/08
Prep Batch #...: 8336101
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Carbon tetrachloride	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(82 - 115)
Dibromofluoromethane	102	(79 - 120)
1,2-Dichloroethane-d4	95	(62 - 130)
4-Bromofluorobenzene	101	(77 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 Work Order #...: K2HVE1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K070335-001 K2HVE1AE-MSD
Date Sampled...: 11/06/08 Date Received..: 11/07/08
Prep Date.....: 11/17/08 Analysis Date..: 11/17/08
Prep Batch #...: 8324243
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.82	ug/L	98	3.3	SW846 8260B
Ethylbenzene	ND	10.0	9.82	ug/L	98		SW846 8260B
	ND	10.0	9.58	ug/L	96	2.4	SW846 8260B
1,4-Dioxane	ND	200	256	ug/L	128		SW846 8260B
	ND	200	291	ug/L	145	13	SW846 8260B
	Qualifiers:	a,T					
Vinyl chloride	ND	10.0	8.21	ug/L	82		SW846 8260B
	ND	10.0	8.84	ug/L	88	7.3	SW846 8260B
Acetone	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.5	ug/L	115	7.9	SW846 8260B
Methylene chloride	1.9	10.0	11.7	ug/L	97		SW846 8260B
	1.9	10.0	11.7	ug/L	97	0.0	SW846 8260B
Carbon disulfide	ND	10.0	9.41	ug/L	94		SW846 8260B
	ND	10.0	9.65	ug/L	97	2.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.1	SW846 8260B
2-Butanone	ND	10.0	9.66	ug/L	97		SW846 8260B
	ND	10.0	9.94	ug/L	99	2.8	SW846 8260B
Chloroform	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.39	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.6	ug/L	106	0.28	SW846 8260B
Propionitrile	ND	50.0	64.6	ug/L	129		SW846 8260B
	ND	50.0	64.4	ug/L	129	0.31	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	9.60	ug/L	96	0.09	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	10.0	ug/L	100	1.3	SW846 8260B
Carbon tetrachloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	10.6	ug/L	106	3.4	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.7	ug/L	107	0.74	SW846 8260B
Benzene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.1	ug/L	101	2.2	SW846 8260B
Trichloroethene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.4	ug/L	104	4.3	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.82	ug/L	98		SW846 8260B
	ND	10.0	9.51	ug/L	95	3.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K2HVE1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K070335-001 K2HVE1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	ND	10.0	9.88	ug/L	99		SW846 8260B
	ND	10.0	9.38	ug/L	94	5.2	SW846 8260B
Tetrachloroethene	ND	10.0	8.87	ug/L	89		SW846 8260B
	ND	10.0	8.53	ug/L	85	3.9	SW846 8260B
Tetrahydrofuran	ND	50.0	52.6	ug/L	105		SW846 8260B
	ND	50.0	60.4	ug/L	121	14	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	8.21	ug/L	82		SW846 8260B
	ND	10.0	8.40	ug/L	84	2.3	SW846 8260B
1-Butanol	ND	100	103	ug/L	103		SW846 8260B
	ND	100	103	ug/L	103	0.58	SW846 8260B
Toluene	ND	10.0	8.64	ug/L	86		SW846 8260B
	ND	10.0	8.54	ug/L	85	1.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(76 - 115)
	89	(76 - 115)
Dibromofluoromethane	104	(81 - 123)
	105	(81 - 123)
1,2-Dichloroethane-d4	99	(70 - 130)
	104	(70 - 130)
4-Bromofluorobenzene	85	(79 - 115)
	90	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

T Spike sample recovery is outside control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 Work Order #...: K2N4M1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K110262-001 K2N4M1AE-MSD
Date Sampled...: 11/09/08 Date Received..: 11/11/08
Prep Date.....: 11/18/08 Analysis Date..: 11/18/08
Prep Batch #...: 8327108
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.67	ug/L	97	3.4	SW846 8260B
Ethylbenzene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.70	ug/L	97	3.4	SW846 8260B
1,4-Dioxane	ND	200	238	ug/L	119		SW846 8260B
	ND	200	258	ug/L	129	8.1	SW846 8260B
Vinyl chloride	ND	10.0	8.53	ug/L	85		SW846 8260B
	ND	10.0	8.73	ug/L	87	2.3	SW846 8260B
Acetone	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	9.89	ug/L	99	18	SW846 8260B
Methylene chloride	7.0	10.0	16.2	ug/L	92		SW846 8260B
	7.0	10.0	16.3	ug/L	93	0.55	SW846 8260B
Carbon disulfide	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.4	ug/L	114	2.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.72	ug/L	97	3.2	SW846 8260B
2-Butanone	ND	10.0	12.6	ug/L	126		SW846 8260B
	ND	10.0	6.36	ug/L	64 p	66	SW846 8260B
Chloroform	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.1	ug/L	101	2.7	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.76	SW846 8260B
Propionitrile	ND	50.0	62.4	ug/L	125		SW846 8260B
	ND	50.0	59.5	ug/L	119	4.7	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.90	ug/L	99	2.7	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.8	SW846 8260B
Carbon tetrachloride	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.84	ug/L	98	2.6	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.92	ug/L	99	2.8	SW846 8260B
Benzene	ND	10.0	9.87	ug/L	99		SW846 8260B
	ND	10.0	9.43	ug/L	94	4.5	SW846 8260B
Trichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.96	ug/L	100	1.2	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	10.3	ug/L	103	8.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.2	ug/L	102	3.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K2N4M1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K110262-001 K2N4M1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.96**	**ug/L**	**100**		**SW846 8260B**
	ND	**10.0**	**9.88**	**ug/L**	**99**	**0.85**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**60.3**	**ug/L**	**121**		**SW846 8260B**
	ND	**50.0**	**59.2**	**ug/L**	**118**	**1.8**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.78**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**9.62**	**ug/L**	**96**	**1.6**	**SW846 8260B**
1-Butanol	**ND**	**100**	**52.1**	**ug/L**	**52**		**SW846 8260B**
	ND	**100**	**70.4**	**ug/L**	**70 p**	**30**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.86**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**9.54**	**ug/L**	**95**	**3.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(76 - 115)
	94	(76 - 115)
Dibromofluoromethane	101	(81 - 123)
	101	(81 - 123)
1,2-Dichloroethane-d4	105	(70 - 130)
	94	(70 - 130)
4-Bromofluorobenzene	96	(79 - 115)
	96	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K261M1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K180271-001 K261M1AE-MSD
Date Sampled...: 11/16/08 **Date Received..:** 11/18/08
Prep Date.....: 11/24/08 **Analysis Date..:** 11/24/08
Prep Batch #...: 8331388
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	9.53	ug/L	95		SW846 8260B
	ND	10.0	9.69	ug/L	97	1.6	SW846 8260B
Chloromethane	0.24	10.0	9.92	ug/L	97		SW846 8260B
	0.24	10.0	10.1	ug/L	99	1.9	SW846 8260B
Bromomethane	ND	10.0	12.4	ug/L	124		SW846 8260B
	ND	10.0	15.0	ug/L	150	19	SW846 8260B
Chloroethane	ND	10.0	8.77	ug/L	88		SW846 8260B
	ND	10.0	9.17	ug/L	92	4.5	SW846 8260B
1,1-Dichloroethene	ND	10.0	8.87	ug/L	89		SW846 8260B
	ND	10.0	9.31	ug/L	93	4.9	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	18.7	ug/L	94		SW846 8260B
	ND	20.0	19.2	ug/L	96	2.4	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.24	ug/L	92		SW846 8260B
	ND	10.0	9.40	ug/L	94	1.7	SW846 8260B
Bromodichloromethane	0.47	10.0	9.81	ug/L	93		SW846 8260B
	0.47	10.0	10.0	ug/L	96	2.4	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	9.09	ug/L	91		SW846 8260B
	ND	10.0	9.59	ug/L	96	5.4	SW846 8260B
2-Hexanone	ND	10.0	6.97	ug/L	70		SW846 8260B
	ND	10.0	9.58	ug/L	96 p	32	SW846 8260B
Chlorobenzene	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.40	ug/L	94	1.4	SW846 8260B
Bromoform	ND	10.0	9.25	ug/L	92		SW846 8260B
	ND	10.0	9.56	ug/L	96	3.4	SW846 8260B
Ethylbenzene	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.34	ug/L	93	0.55	SW846 8260B
Styrene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.5	ug/L	105	4.2	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	8.67	ug/L	87		SW846 8260B
	ND	10.0	8.78	ug/L	88	1.2	SW846 8260B
Dibromochloromethane	ND	10.0	9.74	ug/L	97		SW846 8260B
	ND	10.0	10.1	ug/L	101	3.4	SW846 8260B
Allyl chloride	ND	10.0	9.39	ug/L	94		SW846 8260B
	ND	10.0	9.69	ug/L	97	3.1	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	8.61	ug/L	86		SW846 8260B
	ND	10.0	9.90	ug/L	99	14	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K261M1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K180271-001 K261M1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	9.66	ug/L	97		SW846 8260B
	ND	10.0	9.87	ug/L	99	2.2	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.42	ug/L	94	0.82	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	6.89	ug/L	69		SW846 8260B
	ND	10.0	7.29	ug/L	73	5.6	SW846 8260B
Ethyl methacrylate	ND	10.0	8.68	ug/L	87		SW846 8260B
	ND	10.0	9.51	ug/L	95	9.1	SW846 8260B
Methyl methacrylate	ND	10.0	9.21	ug/L	92		SW846 8260B
	ND	10.0	9.45	ug/L	95	2.6	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	9.53	ug/L	95		SW846 8260B
	ND	10.0	9.81	ug/L	98	2.9	SW846 8260B
Trichlorofluoromethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.2	SW846 8260B
Acetonitrile	ND	50.0	32.6	ug/L	65		SW846 8260B
	ND	50.0	48.0	ug/L	96 p	38	SW846 8260B
Iodomethane	ND	10.0	3.68	ug/L	37 a,T		SW846 8260B
	ND	10.0	2.97	ug/L	30	21	SW846 8260B
	Qualifiers:	a,p,T					
Vinyl acetate	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.4	ug/L	114	2.8	SW846 8260B
Acrolein	ND	50.0	48.6	ug/L	97		SW846 8260B
	ND	50.0	34.1	ug/L	68 p	35	SW846 8260B
Isobutanol	ND	200	240	ug/L	120		SW846 8260B
	ND	200	298	ug/L	149 p	22	SW846 8260B
Methacrylonitrile	ND	50.0	52.9	ug/L	106		SW846 8260B
	ND	50.0	53.6	ug/L	107	1.5	SW846 8260B
1,4-Dioxane	ND	200	163	ug/L	82		SW846 8260B
	ND	200	219	ug/L	109 p	29	SW846 8260B
Chloroprene	ND	10.0	9.78	ug/L	98		SW846 8260B
	ND	10.0	10.1	ug/L	101	3.3	SW846 8260B
Vinyl chloride	ND	10.0	8.73	ug/L	87		SW846 8260B
	ND	10.0	9.12	ug/L	91	4.3	SW846 8260B
Acetone	ND	10.0	13.4	ug/L	134		SW846 8260B
	ND	10.0	9.53	ug/L	95 p	34	SW846 8260B
Methylene chloride	ND	10.0	9.22	ug/L	92		SW846 8260B
	ND	10.0	9.41	ug/L	94	2.1	SW846 8260B
Carbon disulfide	1.7	10.0	11.6	ug/L	100		SW846 8260B
	1.7	10.0	11.6	ug/L	99	0.43	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K261M1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K180271-001 K261M1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	8.87	ug/L	89		SW846 8260B
	ND	10.0	9.03	ug/L	90	1.8	SW846 8260B
2-Butanone	ND	10.0	6.06	ug/L	61		SW846 8260B
	ND	10.0	6.39	ug/L	64	5.3	SW846 8260B
Chloroform	9.1	10.0	18.6	ug/L	95		SW846 8260B
	9.1	10.0	18.5	ug/L	95	0.27	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.39	ug/L	94		SW846 8260B
	ND	10.0	9.64	ug/L	96	2.7	SW846 8260B
Propionitrile	ND	50.0	48.9	ug/L	98		SW846 8260B
	ND	50.0	50.3	ug/L	101	2.8	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.35	ug/L	93		SW846 8260B
	ND	10.0	9.55	ug/L	96	2.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.3	ug/L	113	2.6	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	9.53	ug/L	95	2.7	SW846 8260B
Benzene	ND	10.0	9.06	ug/L	91		SW846 8260B
	ND	10.0	9.28	ug/L	93	2.4	SW846 8260B
Trichloroethene	6.9	10.0	17.0	ug/L	101		SW846 8260B
	6.9	10.0	17.6	ug/L	107	3.4	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	12.1	ug/L	121	12	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	9.83	ug/L	98	2.3	SW846 8260B
Tetrachloroethene	0.29	10.0	9.99	ug/L	97		SW846 8260B
	0.29	10.0	10.2	ug/L	99	1.6	SW846 8260B
Tetrahydrofuran	ND	50.0	36.5	ug/L	73		SW846 8260B
	ND	50.0	36.1	ug/L	72	1.2	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	9.35	ug/L	93	0.66	SW846 8260B
1-Butanol	ND	100	39.4	ug/L	39		SW846 8260B
	ND	100	59.3	ug/L	59 p	40	SW846 8260B
Toluene	ND	10.0	9.08	ug/L	91		SW846 8260B
	ND	10.0	9.22	ug/L	92	1.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(76 - 115)
	92	(76 - 115)
Dibromofluoromethane	86	(81 - 123)
	84	(81 - 123)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K261M1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K180271-001 K261M1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(70 - 130)
	97	(70 - 130)
4-Bromofluorobenzene	93	(79 - 115)
	95	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

T Spike sample recovery is outside control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL769 **Work Order #...:** K3FW61AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K210246-001 K3FW61AE-MSD
Date Sampled...: 11/19/08 **Date Received..:** 11/21/08
Prep Date.....: 11/26/08 **Analysis Date..:** 11/26/08
Prep Batch #...: 8336101
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Carbon tetrachloride	**0.097**	**10.0**	**9.86**	**ug/L**	**98**		**SW846 8260B**
	0.097	**10.0**	**10.2**	**ug/L**	**101**	**3.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(76 - 115)
	94	(76 - 115)
Dibromofluoromethane	100	(81 - 123)
	102	(81 - 123)
1,2-Dichloroethane-d4	97	(70 - 130)
	98	(70 - 130)
4-Bromofluorobenzene	96	(79 - 115)
	95	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METALS

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ80

DISSOLVED Metals

Lot-Sample #...: F8K110282-001 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**43.0 B**	**200**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	**1.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AE**
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56400 D**	**25000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**6.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**28.5 B**	**100**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10000**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4750 B**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9G1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ80

DISSOLVED Metals

Lot-Sample #...: F8K110282-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	13100	5000	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	285 D	250	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	4.5 B	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	26.5 C	20.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9G1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ81

TOTAL Metals

Lot-Sample #...: F8K110282-002 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K2N9H1AC
Barium	**46.9 B**	**200** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.85	**11/25-11/26/08**	**K2N9H1AD**
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.50	11/25-11/26/08	K2N9H1AE
Cadmium	**2.4 B**	**5.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.45	**11/25-11/26/08**	**K2N9H1AF**
Calcium	**58600**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 18.6	**11/25-11/26/08**	**K2N9H1AG**
Chromium	**43.8**	**10.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 3.1	**11/25-11/26/08**	**K2N9H1AH**
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K2N9H1AJ
Copper	ND	25.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.6	11/25-11/26/08	K2N9H1AK
Iron	**536**	**100** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 16.0	**11/25-11/26/08**	**K2N9H1AL**
Magnesium	**10400**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 110	**11/25-11/26/08**	**K2N9H1AM**
Manganese	**15.0**	**15.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.96	**11/25-11/26/08**	**K2N9H1AN**
Nickel	**24.4 B**	**40.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 13.3	**11/25-11/26/08**	**K2N9H1AP**
Potassium	**4580 B**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 1650	**11/25-11/26/08**	**K2N9H1AQ**
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 6.0	11/25-11/26/08	K2N9H1AR

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ81

TOTAL Metals

Lot-Sample #...: F8K110282-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	13400	5000	ug/L	SW846 6010B	11/25-11/26/08	K2N9H1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	301	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9H1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	5.8 B	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9H1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	29.8 C	20.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9H1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ66

TOTAL Metals

Lot-Sample #...: F8K110282-003 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**60.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**30900**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**92.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	**46.2**	**25.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AK**
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**25.3 B**	**100**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**11500**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**22.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AP**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3890 B**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJ66

TOTAL Metals

Lot-Sample #...: F8K110282-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**4070 B**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**230**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**25.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K2N9K1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9K1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJW9

DISSOLVED Metals

Lot-Sample #...: F8K110282-004 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K2N9N1AA
Barium	**61.2 B**	**200** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.85	**11/25-11/26/08**	**K2N9N1AC**
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.50	11/25-11/26/08	K2N9N1AD
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.45	11/25-11/26/08	K2N9N1AE
Calcium	**31300**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 18.6	**11/25-11/26/08**	**K2N9N1AF**
Chromium	**91.3**	**10.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 3.1	**11/25-11/26/08**	**K2N9N1AG**
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K2N9N1AH
Copper	ND	25.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.6	11/25-11/26/08	K2N9N1AJ
Iron	ND	100 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 16.0	11/25-11/26/08	K2N9N1AK
Magnesium	**11600**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 110	**11/25-11/26/08**	**K2N9N1AL**
Manganese	ND	15.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.96	11/25-11/26/08	K2N9N1AM
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 13.3	11/25-11/26/08	K2N9N1AN
Potassium	**5270**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 1650	**11/25-11/26/08**	**K2N9N1AP**
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 6.0	11/25-11/26/08	K2N9N1AQ

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XJW9

DISSOLVED Metals

Lot-Sample #...: F8K110282-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	4150 B	5000	ug/L	SW846 6010B	11/25-11/26/08	K2N9N1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	233	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9N1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	25.4 B	50.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9N1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.0 B,C	20.0	ug/L	SW846 6010B	11/25-11/26/08	K2N9N1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5F5

DISSOLVED Metals

Lot-Sample #...: F8K180239-001 **Matrix.....:** WATER
Date Sampled...: 11/13/08 **Date Received..:** 11/18/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K26071AA
Barium	**88.1 B**	**200** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.85	**11/25-11/26/08**	**K26071AC**
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.50	11/25-11/26/08	K26071AD
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.45	11/25-11/26/08	K26071AE
Calcium	**33200**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 18.6	**11/25-11/26/08**	**K26071AF**
Chromium	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 3.1	11/25-11/26/08	K26071AG
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	11/25-11/26/08	K26071AH
Copper	ND	25.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.6	11/25-11/26/08	K26071AJ
Iron	**28.1 B**	**100** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 16.0	**11/25-11/26/08**	**K26071AK**
Magnesium	**9380**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 110	**11/25-11/26/08**	**K26071AL**
Manganese	**213**	**15.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.96	**11/25-11/26/08**	**K26071AM**
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 13.3	11/25-11/26/08	K26071AN
Potassium	**4180 B**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 1650	**11/25-11/26/08**	**K26071AP**
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 6.0	11/25-11/26/08	K26071AQ

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5F5

DISSOLVED Metals

Lot-Sample #...: F8K180239-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**5470**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26071AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**236**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26071AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**10.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26071AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**7.6 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26071AV**
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5F6

TOTAL Metals

Lot-Sample #...: F8K180239-002 **Matrix.....:** WATER
Date Sampled...: 11/13/08 **Date Received..:** 11/18/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**88.5 B**	**200**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**32000**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**203**	**100**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**9080**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**289**	**15.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3550 B**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K26091AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5F6

TOTAL Metals

Lot-Sample #...: F8K180239-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**5290**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**228**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**9.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**36.6 C**	**20.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K26091AW**
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5L0

DISSOLVED Metals

Lot-Sample #...: F8K180239-003 **Matrix.....:** WATER
Date Sampled...: 11/13/08 **Date Received..:** 11/18/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**54.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**55200 D**	**25000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**47.8**	**10.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	11/25-11/26/08	K261H1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**11600**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**2620 B**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5L0

DISSOLVED Metals

Lot-Sample #...: F8K180239-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**13100**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**263 D**	**250**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**13.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261H1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	11/25-11/26/08	K261H1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5L1

TOTAL Metals

Lot-Sample #...: F8K180239-004 **Matrix.....:** WATER
Date Sampled...: 11/13/08 **Date Received..:** 11/18/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**55.5 B**	**200**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**55200 D**	**25000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**47.3**	**10.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**32.8 B**	**100**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**11500**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5220**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X5L1

TOTAL Metals

Lot-Sample #...: F8K180239-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12800**	**5000**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**264 D**	**250**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**13.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K261J1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	11/25-11/26/08	K261J1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8K250000-397 **Prep Batch #...:** 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CH
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CJ
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CK
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CL
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CM
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CN
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CP
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CQ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CR
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CT
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CU
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CV
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CW
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1CX
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1C0
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1C1
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1C2
		Dilution Factor: 1				
Zinc	**6.2 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K3MEW1C3**
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8K250000-397 **Prep Batch #...:** 8330397						
Antimony	ND	60.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/25-11/26/08	K3MEW1AU
		Dilution Factor: 1				
Zinc	**6.2 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/25-11/26/08**	**K3MEW1AV**
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8K250000-397 **Prep Batch #...:** 8330397							
Antimony	500	524	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1C4
			Dilution Factor: 1				
Barium	500	541	ug/L	108	SW846 6010B	11/25-11/26/08	K3MEW1C5
			Dilution Factor: 1				
Beryllium	500	564	ug/L	113	SW846 6010B	11/25-11/26/08	K3MEW1C6
			Dilution Factor: 1				
Cadmium	500	543	ug/L	109	SW846 6010B	11/25-11/26/08	K3MEW1C7
			Dilution Factor: 1				
Calcium	10000	10500	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1C8
			Dilution Factor: 1				
Chromium	500	528	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1C9
			Dilution Factor: 1				
Cobalt	500	528	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1DA
			Dilution Factor: 1				
Copper	500	509	ug/L	102	SW846 6010B	11/25-11/26/08	K3MEW1DC
			Dilution Factor: 1				
Iron	500	596	ug/L	119	SW846 6010B	11/25-11/26/08	K3MEW1DD
			Dilution Factor: 1				
Magnesium	10000	10600	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1DE
			Dilution Factor: 1				
Manganese	500	538	ug/L	108	SW846 6010B	11/25-11/26/08	K3MEW1DF
			Dilution Factor: 1				
Nickel	500	533	ug/L	107	SW846 6010B	11/25-11/26/08	K3MEW1DG
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	11/25-11/26/08	K3MEW1DH
			Dilution Factor: 1				
Silver	125	129	ug/L	103	SW846 6010B	11/25-11/26/08	K3MEW1DJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10500	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1DK
			Dilution Factor: 1				
Strontium	500	563	ug/L	113	SW846 6010B	11/25-11/26/08	K3MEW1DL
			Dilution Factor: 1				
Vanadium	500	533	ug/L	107	SW846 6010B	11/25-11/26/08	K3MEW1DM
			Dilution Factor: 1				
Zinc	500	575	ug/L	115	SW846 6010B	11/25-11/26/08	K3MEW1DN
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8K250000-397 **Prep Batch #...:** 8330397							
Antimony	500	524	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1AW
			Dilution Factor: 1				
Barium	500	541	ug/L	108	SW846 6010B	11/25-11/26/08	K3MEW1AX
			Dilution Factor: 1				
Beryllium	500	564	ug/L	113	SW846 6010B	11/25-11/26/08	K3MEW1A0
			Dilution Factor: 1				
Cadmium	500	543	ug/L	109	SW846 6010B	11/25-11/26/08	K3MEW1A1
			Dilution Factor: 1				
Calcium	10000	10500	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1A2
			Dilution Factor: 1				
Chromium	500	528	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1A3
			Dilution Factor: 1				
Cobalt	500	528	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1A4
			Dilution Factor: 1				
Copper	500	509	ug/L	102	SW846 6010B	11/25-11/26/08	K3MEW1A5
			Dilution Factor: 1				
Iron	500	596	ug/L	119	SW846 6010B	11/25-11/26/08	K3MEW1A6
			Dilution Factor: 1				
Magnesium	10000	10600	ug/L	106	SW846 6010B	11/25-11/26/08	K3MEW1A7
			Dilution Factor: 1				
Manganese	500	538	ug/L	108	SW846 6010B	11/25-11/26/08	K3MEW1A8
			Dilution Factor: 1				
Nickel	500	533	ug/L	107	SW846 6010B	11/25-11/26/08	K3MEW1A9
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	11/25-11/26/08	K3MEW1CA
			Dilution Factor: 1				
Silver	125	129	ug/L	103	SW846 6010B	11/25-11/26/08	K3MEW1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10500	ug/L	105	SW846 6010B	11/25-11/26/08	K3MEW1CD
			Dilution Factor: 1				
Strontium	500	563	ug/L	113	SW846 6010B	11/25-11/26/08	K3MEW1CE
			Dilution Factor: 1				
Vanadium	500	533	ug/L	107	SW846 6010B	11/25-11/26/08	K3MEW1CF
			Dilution Factor: 1				
Zinc	500	575	ug/L	115	SW846 6010B	11/25-11/26/08	K3MEW1CG
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8K110282-001 **Prep Batch #...:** 8330397									
Antimony									
	ND	250	201	ug/L	80		SW846 6010B	11/25-11/26/08	K2N9G1AW
	ND	250	253 *	ug/L	101	23	SW846 6010B	11/25-11/26/08	K2N9G1AX
			Dilution Factor: 1						
Barium									
	43.0	1000	1130	ug/L	108		SW846 6010B	11/25-11/26/08	K2N9G1A0
	43.0	1000	1130	ug/L	109	0.47	SW846 6010B	11/25-11/26/08	K2N9G1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.7	ug/L	111		SW846 6010B	11/25-11/26/08	K2N9G1A2
	ND	25.0	28.0	ug/L	112	1.2	SW846 6010B	11/25-11/26/08	K2N9G1A3
			Dilution Factor: 1						
Cadmium									
	1.8	25.0	28.5	ug/L	107		SW846 6010B	11/25-11/26/08	K2N9G1A4
	1.8	25.0	28.2	ug/L	106	0.98	SW846 6010B	11/25-11/26/08	K2N9G1A5
			Dilution Factor: 1						
Calcium									
	56400	25000	82700 D	ug/L	105		SW846 6010B	11/25-11/26/08	K2N9G1A6
	56400	25000	80300 D	ug/L	96	2.9	SW846 6010B	11/25-11/26/08	K2N9G1A7
			Dilution Factor: 5						
Chromium									
	6.4	100	109	ug/L	102		SW846 6010B	11/25-11/26/08	K2N9G1A8
	6.4	100	110	ug/L	103	0.71	SW846 6010B	11/25-11/26/08	K2N9G1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	258	ug/L	103		SW846 6010B	11/25-11/26/08	K2N9G1CA
	ND	250	257	ug/L	103	0.50	SW846 6010B	11/25-11/26/08	K2N9G1CC
			Dilution Factor: 1						
Copper									
	ND	125	128	ug/L	103		SW846 6010B	11/25-11/26/08	K2N9G1CD
	ND	125	128	ug/L	103	0.04	SW846 6010B	11/25-11/26/08	K2N9G1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	28.5	500	586	ug/L	112		SW846 6010B	11/25-11/26/08	K2N9G1CF
	28.5	500	585	ug/L	111	0.09	SW846 6010B	11/25-11/26/08	K2N9G1CG
			Dilution Factor: 1						
Magnesium									
	10000	25000	36300	ug/L	105		SW846 6010B	11/25-11/26/08	K2N9G1CH
	10000	25000	36300	ug/L	105	0.16	SW846 6010B	11/25-11/26/08	K2N9G1CJ
			Dilution Factor: 1						
Manganese									
	3.3	250	268	ug/L	106		SW846 6010B	11/25-11/26/08	K2N9G1CK
	3.3	250	269	ug/L	106	0.28	SW846 6010B	11/25-11/26/08	K2N9G1CL
			Dilution Factor: 1						
Nickel									
	ND	250	265	ug/L	106		SW846 6010B	11/25-11/26/08	K2N9G1CM
	ND	250	263	ug/L	105	0.62	SW846 6010B	11/25-11/26/08	K2N9G1CN
			Dilution Factor: 1						
Potassium									
	4750	12500	19000	ug/L	114		SW846 6010B	11/25-11/26/08	K2N9G1CP
	4750	12500	18400	ug/L	109	3.1	SW846 6010B	11/25-11/26/08	K2N9G1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	26.3	ug/L	105		SW846 6010B	11/25-11/26/08	K2N9G1CR
	ND	25.0	26.3	ug/L	105	0.15	SW846 6010B	11/25-11/26/08	K2N9G1CT
			Dilution Factor: 1						
Sodium									
	13100	12500	26200	ug/L	105		SW846 6010B	11/25-11/26/08	K2N9G1CU
	13100	12500	26600	ug/L	108	1.4	SW846 6010B	11/25-11/26/08	K2N9G1CV
			Dilution Factor: 1						
Strontium									
	285	500	821 D	ug/L	107		SW846 6010B	11/25-11/26/08	K2N9G1CW
	285	500	794 D	ug/L	102	3.3	SW846 6010B	11/25-11/26/08	K2N9G1CX
			Dilution Factor: 5						
Vanadium									
	4.5	250	265	ug/L	104		SW846 6010B	11/25-11/26/08	K2N9G1C0
	4.5	250	267	ug/L	105	0.53	SW846 6010B	11/25-11/26/08	K2N9G1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL769 **Matrix.....:** WATER
Date Sampled...: 11/10/08 **Date Received..:** 11/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	26.5	250	306	ug/L	112		SW846 6010B	11/25-11/26/08	K2N9G1C2
	26.5	250	302	ug/L	110	1.3	SW846 6010B	11/25-11/26/08	K2N9G1C3

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

D Result was obtained from the analysis of a dilution.

* Relative percent difference (RPD) is outside stated control limits.