RECEIVED DECEMBER 29, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

I09-009

Lot #: F8K190251
SDG #: SL771

Mike Neely

CH2M Hill Plateau Remediation
PO Box 1600, MS B6-06
Richland, WA 99352

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

RECEIVED
FEB 03 2009
EDMC

December 23, 2008

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

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THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CH2MHill Plateau Remediation Company
P.O. Box 1600
MSIN B6-06
Richland, Washington 99352
December 23, 2008
Attention: Mike Neely

TestAmerica Laboratories, Inc.

SDG	: SL771
Number of Samples	: 16 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: November 25, 2008

II. Introduction

Between November 19, 2008 and November 25, 2008, sixteen (16) 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: I09-009, W09-011, I09-005, S09-010, I09-007, and I09-009

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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THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company TestAmerica Laboratories, Inc.
December 23, 2008
SDG: SL771

Volatiles

Batch: 8336101

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for the following compounds: Bromomethane (53.9%), Iodomethane (29.8%), Vinyl acetate (36.2%), Isobutanol (30.1%), Naphthalene (22.4%), 1,2,3-Trichlorobenzene (24.1%), indicating a potential high bias for these analytes in the samples associated with this CCV. These analytes are not detected above the reporting limits or not the target analytes in the associated samples.
Affected Samples:
F8K210246 (1): B1X8X4
F8K210255 (1): B1XKT4

For a large number of analytes in the LCS, 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.
LCS recoveries for Vinyl Acetate, 1,4-Dioxane, and Bromomethane are outside laboratory QC limits and qualified accordingly. Recoveries for Vinyl Acetate and Bromomethane are within marginal exceedance limits, and within the number of analytes allowed. 1,4-Dioxane failed high in the LCS. However the analyte was not detected above the reporting limit in associated samples.
Affected Samples:
F8K210246 (1): B1X8X4
F8K210255 (1): B1XKT4

The MSD recovery for Bromomethane is outside the upper QC limit, indicating a potential positive bias for that analyte(s). This analyte(s) was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.
The MS/MSD RPDs for 2-Hexanone, trans-1,4-Dichloro-2-butene, Ethyl methacrylate, Acrolein, Isobutanol, and 1-Butanol are outside of the QC limits. However their recoveries are within the QC limits.
Affected Samples:
F8K210246 (1): B1X8X4
F8K210255 (1): B1XKT4

Batch: 8339152

The sample was analyzed at dilution due to high concentrations of target analyte. The reporting limit has been adjusted only for the target reported from the dilution run.
Affected Samples:
F8K210255 (1): B1XKT4

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

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THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company TestAmerica Laboratories, Inc.

December 23, 2008
SDG: SL771

Batch: 8343210

For a large number of analytes in the LCS, 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.
LCS recovery for Chloroprene is outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The LCS/LCSD RPDs for Chloromethane, Dichlorodifluoromethane, and Carbon disulfide are outside of the QC limits. The LCS/LCSD recoveries are within QC limits.
Affected Samples:
F8K250315 (1): B1XKY1
F8K250315 (2): B1XKX7
F8K250317 (1): B1XWF6

The MS recovery and MS/MSD RPD for Vinyl acetate are outside the established QC limits due to matrix interference. MS/MSD RPD for Bromomethane and trans-1,4-Dichloro-2-butene are outside the established QC limits. The MS/MSD recoveries for these two analytes are within limits. Method performance is demonstrated by acceptable LCS recoveries
Affected Samples:
F8K250315 (1): B1XKY1
F8K250315 (2): B1XKX7
F8K250317 (1): B1XWF6

Phenol by GC

Batch: 8325226

For a large number of analytes in the LCS, 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.
LCS recovery for 2,3,4,6-Tetrachlorophenol is outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed. Results are reported with this narrative.
Affected Samples:
F8K190255 (1): B1XMT0
F8K190255 (2): B1XMT1

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CH2MHill Plateau Remediation Company

TestAmerica Laboratories, Inc.

December 23, 2008
SDG: SL771

The MSD recovery for 2,3,4,6-Tetrachlorophenol is outside the established QC limits. The RPD is not within method acceptance criteria. There was insufficient sample to perform re-preparation/re-analysis.
Affected Samples:
F8K190255 (1): B1XMT0
F8K190255 (2): B1XMT1

The closing CCV recovery for OCAL952 was outside the upper QC limit (greater than 15% RSD) for 4,6-Dinitro-2-Methylphenol indicating a potential high bias for this analyte in the samples associated with this CCV. This analyte was not detected above the reporting limit in the associated samples.
Affected Samples:
F8K190255 (1): B1XMT0
F8K190255 (2): B1XMT1

ICP Metals

Batch: 8339356

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:
F8K190251 (1): B1XLP3
F8K190251 (2): B1XLP4
F8K210257 (3): B1XLH2
F8K210257 (4): B1XLH3
F8K210257 (5): B1XLC6
F8K210257 (6): B1XLC7

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THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company

TestAmerica Laboratories, Inc.

December 23, 2008
SDG: SL771

There were no observations or nonconformances for the following methods:

Total Organic Halogens
Ammonia

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

SL771

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Phenols by GC	SW846 8040A	SW846 3520
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

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

SAMPLE SUMMARY

SL771 : F8K190251

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K29FT	001	B1XLP3	11/17/08	11:30
K29F6	002	B1XLP4	11/17/08	11:30

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

SL771 : F8K190255

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K29F9	001	B1XMT0	11/17/08	11:35
K29GD	002	B1XMT1	11/17/08	11:35

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL771 : F8K210245

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3FTH	001	B1XHC4	11/19/08	11:05

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.
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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

SL771 : F8K210246

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3FW6	001	B1X8X4	11/19/08	12:17

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

SL771 : F8K210255

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3FXD	001	B1XKT4	11/19/08	12:17

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

SL771 : F8K210257

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3FXL	001	B1XL98	11/19/08	08:50
K3FXT	002	B1XL99	11/19/08	08:50
K3FXW	003	B1XLH2	11/19/08	11:05
K3FXX	004	B1XLH3	11/19/08	11:05
K3FX0	005	B1XLC6	11/19/08	09:51
K3FX3	006	B1XLC7	11/19/08	09:51

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

SL771 : F8K250315

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3M9R	001	B1XKY1	11/23/08	09:58
K3M90	002	B1XKX7	11/23/08	09:58

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

SL771 : F8K250317

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K3NAK	001	B1XWF6	11/23/08	09:58

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.

SDG# SL771

CHPRC COC 202 SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-007-102

Collector JP Herrick	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I09-007	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 2UP1, NOVEMBER 2008	HNF-N-506-18/49	Ice Chest No. Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7971 3417 1395
Protocol SURV	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.
200 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
B1XKY1		W	11/23/08	0958	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1XKY1		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JP Herrick	J. Hall		11-24-08 0930	FM HALL			11-24-08 0930
FM HALL			11-24-08 1400	FED EX			
FED EX							
							11/25/08 0915

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
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

SDG# SL771

CHPRC SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-007-94

Page 1 of 1

Collector: JP Herrick	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I09-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1, NOVEMBER 2008	HNE-N-506-18/49	Ice Chest No. Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7971 3417 1395
Protocol: SURV	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.
200 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
B1XKX7		W	11/23/08	0958	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1XKX7		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JP Herrick	[illegible]	[illegible]	0930 11-24-08	FM	HALL	[illegible]	0930 11-24-08
FM HALL		[illegible]	1400 11-24-08	FED EX			
FEDEX				[illegible]			11/25/08 0915

Matrix *

S = Soil	DS = Drum Solid		
SE = Sediment	DL = Drum Liqui		
SO = Solid	T = Tissue		
SL = Sludge	WI = Wipe		
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	797134171395	**Reference**	GWS-032
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 24, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 25, 2008 9:11 AM	**Service type**	Priority Overnight
		Weight	13.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 25, 2008	9:11 AM	**Delivered**	Earth City, MO
	6:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:46 AM	At local FedEx facility	EARTH CITY, MO
	5:45 AM	At dest sort facility	BERKELEY, MO
	4:53 AM	Departed FedEx location	MEMPHIS, TN
	12:40 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 24, 2008	5:24 PM	Left FedEx origin facility	PASCO, WA
	4:26 PM	Picked up	PASCO, WA
	1:09 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): F8K250315
317

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81487, 81491

COC/RFA No: See below

202

Initiated By: DA Date: 11/25/08 Time: 0915

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7971 3417 1395	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: COC
W09-011-188
I09-007-94
↓ 102

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: 11-25-08

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# SL771

CHPRC CWL 132 SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-009-26

Page 1 of 1

Collector R. D. Julian	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I09-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title ISRM, NOVEMBER 2008	HNF-N-506-20	Ice Chest No. ASF-04032 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7961 3051 1491
Protocol CERCLA	Priority: 45 Days	Offsite Property No. N/A

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.
200 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
B1XL98 (F)		W	11-19-08	0850	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XL98 (F)		W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XL99		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XL99		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XL99		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. D. Julian	11-19-08 1200	KB Hulse	11-19-08 1200
KB Hulse	11-19-08 1345	TA Frazier	11-19-08 1345
TA Frazier	11-19-08 1347	KB Hulse	11-19-08 1347
KB Hulse	11-20-08 1430	FEDEX	

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

FEDEX Ruby B 11/21/08 0930

TestAmerica St. Louis

SDG# SL771

CHPRC 5C771	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I09-009-76 Page 1 of 1

Collector: B. D. Julian	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I09-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: ISRM. NOVEMBER 2008	HNF-N-506-20	Ice Chest No. ASF-04-032 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7961 3051 1491
Protocol: CERCLA	Priority: 45 Days	Offsite Property No. N/A

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.
200 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
B1XLH2 (F)		W	11-19-08	1105	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLH2 (F)		W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLH3		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLH3		W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLH3		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. D. Julian	11-19-08 1200	KB Hulse	11-19-08 1200
KB Hulse	11-19-08 1345	TA Brazim	11-19-08 1345
TA Brazim	11-19-08 1347	KB Hulse	11-19-08 1347
KB Hulse	11-20-08 1430	FED EX	

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

FEDEX

Rec by B-L 11/21/08 0930

TestAmerica St. Louis

SDG# SL771

CHPRC SL771	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I09-009-48 Page 1 of 1

Collector R. D. Julian	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I09-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title ISRM, NOVEMBER 2008	HNF-N-506-20	Ice Chest No. ASF-04-032 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7961 3051 1491
Protocol CERCLA	Priority: 45 Days	Offsite Property No. N/A

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.
200 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
B1XLC6 (F)		W	11-19-08	0951	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLC6 (F)		W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLC7		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLC7		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLC7		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. D. Julian	11-19-08 1200	KB Hulse	11-19-08 1200
KB Hulse	11-19-08 1345	TA Pinazim Tenuta	11-19-08 1345
TA Pinazim Tenuta	11-19-08 1347	KB Hulse	11-19-08 1347
KB Hulse	11-20-08 1430	FED EX	

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

FedEx Rec by 11/21/08 0930

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796130511491	**Reference**	AFS-04-032
Signed for by	S.WILSON	**Destination**	EARTH CITY, MO
Ship date	Nov 20, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 21, 2008 9:20 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 21, 2008	9:20 AM	**Delivered**	EARTH CITY, MO
	6:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:12 AM	At local FedEx facility	EARTH CITY, MO
	5:26 AM	At dest sort facility	BERKELEY, MO
Nov 20, 2008	5:30 PM	Left FedEx origin facility	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): F8K210245, 246, 255, 257

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHEM PA

Quote No: 81402, 81100, 81487, 81484

COC/RFA No: See below

132

Initiated By: bn Date: 11/21/08 Time: 0930

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7961 3051 1491	6.	1. 2	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: COCs
I09-005-58
-009-26
-76
-48
007-42
S09-010-285

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.

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SDG# SL771

CHPRC CUL 132
SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-007-42

Collector: D. Woehle	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I09-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1, NOVEMBER 2008	HWF-W-506/6	Ice Chest No.: ASF-04-032 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7961 3051 1491
Protocol: SURV	Priority: 45 Days	Offsite Property No.: N/A

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.
200 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
B1XKT4		W	11/19/08	1217	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1XKT4		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
D. Woehle / Doug Woehle	11-20-08 1130	RB Hulse / RB Hulse	11-20-08 1130
RB Hulse / RB Hulse	11-20-08 1430	FEDEX	
FedEx		B-2	11/21/08 0932

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	796130511491	**Reference**	AFS-04-032
Signed for by	S.WILSON	**Destination**	EARTH CITY, MO
Ship date	Nov 20, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 21, 2008 9:20 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 21, 2008	9:20 AM	**Delivered**	EARTH CITY, MO
	6:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:12 AM	At local FedEx facility	EARTH CITY, MO
	5:26 AM	At dest sort facility	BERKELEY, MO
Nov 20, 2008	5:30 PM	Left FedEx origin facility	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): F8R210245, 246, 255, 257

CONDITION UPON RECEIPT FORM

Client: CHEM PA

Quote No: 81402, 81100, 81487, 81484

COC/RFA No: See below

132

Initiated By: BA Date: 11/21/08 Time: 0930

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7961 3057 1491	6.	1. 2	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: COCs
I09-005-58
-009-26
-76
-48
007-42
S09-010-285

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.

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SDG# SL771

FLUOR HANFORD CUL132 SL771	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # S09-010-285 Page 1 of 1

Collector: D. Woehle	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-5616	Ice Chest No. ASE-04-030 Temp. 35-16.5
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7961 3051 1491
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
B1X8X4		W	11/19/08	1217	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X8X4		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle		[signature]	11/20/08 1130	RB Hulse		[signature]	11-20-08 1130
RB Hulse		[signature]	11/20/08 1930	FEDEX			
FEDEX				[signature]			11/21/08 0930

Matrix *

S = Soil	DS = Drum Solid		
SE = Sediment	DL = Drum Liquid		
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	796130511491	**Reference**	AFS-04-032
Signed for by	S.WILSON	**Destination**	EARTH CITY, MO
Ship date	Nov 20, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 21, 2008 9:20 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 21, 2008	9:20 AM	**Delivered**	EARTH CITY, MO
	6:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:12 AM	At local FedEx facility	EARTH CITY, MO
	5:26 AM	At dest sort facility	BERKELEY, MO
Nov 20, 2008	5:30 PM	Left FedEx origin facility	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): F8K210245 (246) 255 257

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHEM PA

Quote No: 81400, 81100, 81487, 81484

COC/RFA No: See below

132

Initiated By: BA Date: 11/21/08 Time: 0930

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7961 3051 1491	6.	1. 2	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: COCs
I09-005-58
-009-26
-76
-48
007-42
S09-010-285

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.

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SDG# SL771

CHPRC CUL132 SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I09-005-58

Page 1 of 1

Collector R. D. Julian	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	HNF-N-506 20	Ice Chest No. ASF-04032 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7961 3051 1491
Protocol CERCLA	Priority: 45 Days	Offsite Property No. N/A

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
B1XHC4		W	11-19-08	1105	1x60-mL G/P	350.1_AMMONIA: Ammonia (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1XHC4		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. D. Julian	11-19-08 1200	KB Hulse	11-19-08 1200
KB Hulse	11-19-08 1345	TA Brazim	11-19-08 1345
TA Brazim	11-19-08 1347	KB Hulse	11-19-08 1347
KB Hulse	11-20-08 1430	FED EX	

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

RDJ

Rec by 11/21/08 0930

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796130511491	**Reference**	AFS-04-032
Signed for by	S.WILSON	**Destination**	EARTH CITY, MO
Ship date	Nov 20, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 21, 2008 9:20 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 21, 2008	9:20 AM	**Delivered**	EARTH CITY, MO
	6:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:12 AM	At local FedEx facility	EARTH CITY, MO
	5:26 AM	At dest sort facility	BERKELEY, MO
Nov 20, 2008	5:30 PM	Left FedEx origin facility	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): F8R210245, 246, 255, 257

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHEM PA

Quote No: 81402, 81100, 81487, 81484

COC/RFA No: See below

132

Initiated By: bn Date: 11/21/08 Time: 0930

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7961 3057 1491	6.	1. 2	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: COCs
I09-005-58
-009-26
-76
-48
007-42
S09-010-285

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.

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SDG# SL771

CHPRC SL771	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W09-011-146 Page 1 of 1

Collector: Roy Shepard	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: W09-011 Fluor Hanford	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, NOVEMBER 2008	HWF-W-506-16	Ice Chest No.: GWSC-99 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7971 2046 4069
Protocol: RCRA	Priority: 45 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
** **
CUR 78

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XMT0		W	11/17/08	1135	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	7/40 Days	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1XMT0		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1XMT0		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C

Relinquished By	Date/Time	Received By	Date/Time
Print: Roy Shepard Sign: [signature] Fluor Hanford	11/18/08 1200	Print: KB Hulse Sign: [signature]	11/18/08 1200
KB Hulse [signature]	11/18/08 1430	FED EX	
FEDEX		[signature]	11-19-08 930

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

SDG# SL771

CHPRC

SL771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W09-011-147

Collector: Roy Shepard ~~Fluor Hanford~~	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: W09-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA NOVEMBER 2008	HWF-N-506/6	Ice Chest No.: GWSC-99 Temp.: 5816.5
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7971 2046 4064
Protocol: RCRA	Priority: 45 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
** **
CUR 78

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XMT1		W	11/17/08	1135	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	7/40 Days	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1XMT1		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1XMT1		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Shepard Fluor Hanford	11/18/08 1200	KB Hulse	11/18/08 1200
KB Hulse	11/18/08 1430	FED EX	
FED EX			11-19-08 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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797120464064	**Reference**	GWSC
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 18, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 19, 2008 9:24 AM	**Service type**	Priority Overnight
		Weight	58.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Nov 19, 2008	9:24 AM	**Delivered**	Earth City, MO
	6:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:47 AM	At local FedEx facility	EARTH CITY, MO
	5:50 AM	At dest sort facility	BERKELEY, MO
	4:46 AM	Departed FedEx location	MEMPHIS, TN
	12:55 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 18, 2008	5:20 PM	Left FedEx origin facility	PASCO, WA
	4:14 PM	Picked up	PASCO, WA
	2:09 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): F8K190251 (258)

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81489, 81491

COC/RFA No: See below

78

Initiated By: DDD Date: 11-19-08 Time: 930

Shipping Information

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

Shipping # (s):*

1. 7971 2046 4064
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 3.7 DDD 11-19-08
2. 3.0
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 DDD 11-19-08

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:

1 D9-009-156, W09-011-146, W09-011-147,

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.

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SDG# SL771

CHPRC SL771	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I09-009-156 Page 1 of 1

Collector R. D. Julian	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I09-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title ISRM, NOVEMBER 2008	HNF-N-506-17	Ice Chest No. 6WSC-99 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7971 2046 4064
Protocol CERCLA	Priority: 45 Days	Offsite Property No. N/A

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)
CUR 78

SPECIAL INSTRUCTIONS Hold Time
FY08 and FY09 samples cannot be in the same SDG.
200 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
B1XLP3 (F)		W	11-17-08	1130	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLP3 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLP4		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1XLP4		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	6 Months	HNO3 to pH <2
B1XLP4		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. D. Julian	11/18/08 1200	KB Hulse	11/18/08 1200
KB Hulse	11/18/08 1430	FED EX	DD 11-19-08 11-19-08
		Dan Di	11-19-08 930

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
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	797120464064	**Reference**	GWSC
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 18, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 19, 2008 9:24 AM	**Service type**	Priority Overnight
		Weight	58.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 19, 2008	9:24 AM	**Delivered**	Earth City, MO
	6:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:47 AM	At local FedEx facility	EARTH CITY, MO
	5:50 AM	At dest sort facility	BERKELEY, MO
	4:46 AM	Departed FedEx location	MEMPHIS, TN
	12:55 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 18, 2008	5:20 PM	Left FedEx origin facility	PASCO, WA
	4:14 PM	Picked up	PASCO, WA
	2:09 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): F8K190251 255

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81489, 81491

COC/RFA No: See below

78

Initiated By: DDD Date: 11-19-08 Time: 930

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7971 2046 4064	6.	1. 3.7 DDD 11-19-08	6.
2.	7.	2. 3.0	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 DDD 11-19-08

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:

1 09-009-156, W09-011-146, W09-011-147

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.

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SDG# SL7

CHPRC COC 202
52771

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W09-011-188

Page 1 of 1

Collector JP Herrick	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. W09-011	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, NOVEMBER 2008	HNF-N-506-18/49	Ice Chest No. GWS-032 Temp. 13/6
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7971 3417 1395
Protocol RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XWF6		W	11/23/08	0958	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	14 Days	HCl or H2SO4 to pH <2 Cool~4C
B1XWF6		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JP Herrick			0930 11-24-08	Fed	Hall		0930 11-24-08
Fed	Hall		1400 11-24-08	FED EX			
Fed Ex							
							11/25/08 0915

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
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	797134171395	**Reference**	GWS-032
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Nov 24, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Nov 25, 2008 9:11 AM	**Service type**	Priority Overnight
		Weight	13.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Nov 25, 2008	9:11 AM	**Delivered**	Earth City, MO
	6:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	6:46 AM	At local FedEx facility	EARTH CITY, MO
	5:45 AM	At dest sort facility	BERKELEY, MO
	4:53 AM	Departed FedEx location	MEMPHIS, TN
	12:40 AM	Arrived at FedEx location	MEMPHIS, TN
Nov 24, 2008	5:24 PM	Left FedEx origin facility	PASCO, WA
	4:26 PM	Picked up	PASCO, WA
	1:09 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): F8K250315
317

TestAmerica St. Louis

CONDITION UPON RECEIPT FORM

Client: CHPRC

Quote No: 81487, 81491

COC/RFA No: See below

202

Initiated By: DA Date: 11/25/08 Time: 0915

Shipping Information

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

Shipping # (s):*		Sample Temperature (s):**	
1. 7971 3417 1395	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: COC
W09-011-188
I09-007-94
102

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: 11-25-08

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.

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GC/MS VOLATILES

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1X8X4

GC/MS Volatiles

Lot-Sample #...: F8K210246-001 Work Order #...: K3FW61AC Matrix.....: WATER
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 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	**30**	**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	**0.097 J**	**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	102	(81 - 123)
1,2-Dichloroethane-d4	102	(70 - 130)
4-Bromofluorobenzene	107	(79 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1X8X4

GC/MS Volatiles

Lot-Sample #: F8K210246-001 **Work Order #:** K3FW61AC **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: B1XKT4

GC/MS Volatiles

Lot-Sample #...: F8K210255-001 Work Order #...: K3FXD1AC Matrix.....: WATER
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 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	ND	1.0	ug/L	0.088
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND T	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	ND	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	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

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XKT4

GC/MS Volatiles

Lot-Sample #...: F8K210255-001 Work Order #...: K3FXD1AC 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	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	**3.1**	**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	**0.60 J**	**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	97	(76 - 115)
Dibromofluoromethane	115	(81 - 123)
1,2-Dichloroethane-d4	97	(70 - 130)
4-Bromofluorobenzene	106	(79 - 115)

NOTE(S):

T Spike sample recovery is outside control limits.

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1XKT4

GC/MS Volatiles

Lot-Sample #: F8K210255-001 **Work Order #:** K3FXD1AC **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: B1XKT4

GC/MS Volatiles

Lot-Sample #...:	F8K210255-001	Work Order #...:	K3FXD2AC	Matrix.....:	WATER
Date Sampled...:	11/19/08	Date Received..:	11/21/08		
Prep Date.....:	12/02/08	Analysis Date..:	12/02/08		
Prep Batch #...:	8339152				
Dilution Factor:	10	Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	170 D	10	ug/L	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(76 - 115)
Dibromofluoromethane	112	(81 - 123)
1,2-Dichloroethane-d4	100	(70 - 130)
4-Bromofluorobenzene	89	(79 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XKY1

GC/MS Volatiles

Lot-Sample #...: F8K250315-001 Work Order #...: K3M9R2AC Matrix.....: WATER
Date Sampled...: 11/23/08 Date Received..: 11/25/08
Prep Date.....: 12/05/08 Analysis Date..: 12/05/08
Prep Batch #...: 8343210
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	ND	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	**0.15 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	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 T	2.0	ug/L	0.22
Vinyl chloride	ND	2.0	ug/L	0.13

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XKY1

GC/MS Volatiles

Lot-Sample #...: F8K250315-001 Work Order #...: K3M9R2AC 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	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	**1.8**	**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	**8.3**	**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	**0.28 J**	**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	108	(76 - 115)
Dibromofluoromethane	90	(81 - 123)
1,2-Dichloroethane-d4	90	(70 - 130)
4-Bromofluorobenzene	104	(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

B1XKY1

GC/MS Volatiles

Lot-Sample #: F8K250315-001 **Work Order #:** K3M9R2AC **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: B1XKX7

GC/MS Volatiles

Lot-Sample #...: F8K250315-002 Work Order #...: K3M901AC Matrix.....: WATER
Date Sampled...: 11/23/08 Date Received..: 11/25/08
Prep Date.....: 12/05/08 Analysis Date..: 12/05/08
Prep Batch #...: 8343210
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	ND	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	**0.11 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	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 T	2.0	ug/L	0.22
Vinyl chloride	ND	2.0	ug/L	0.13

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XKX7

GC/MS Volatiles

Lot-Sample #...: F8K250315-002 Work Order #...: K3M901AC 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	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	**1.7**	**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	**8.7**	**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	**0.26 J**	**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	104	(76 - 115)
Dibromofluoromethane	94	(81 - 123)
1,2-Dichloroethane-d4	94	(70 - 130)
4-Bromofluorobenzene	104	(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

B1XKX7

GC/MS Volatiles

Lot-Sample #: F8K250315-002 **Work Order #:** K3M901AC **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: B1XWF6

GC/MS Volatiles

Lot-Sample #...: F8K250317-001 **Work Order #...:** K3NAK1AC **Matrix.....:** WATER
Date Sampled...: 11/23/08 **Date Received..:** 11/25/08
Prep Date.....: 12/05/08 **Analysis Date..:** 12/05/08
Prep Batch #...: 8343210
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	**0.20 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	105	(76 - 115)
Dibromofluoromethane	89	(81 - 123)
1,2-Dichloroethane-d4	93	(70 - 130)
4-Bromofluorobenzene	101	(79 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1XWF6

GC/MS Volatiles

Lot-Sample #: F8K250317-001 **Work Order #:** K3NAK1AC **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 #...: SL771 **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
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	20	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	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
1,2-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
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
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
Vinyl acetate	ND	2.0	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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3VA91AA 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	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.

CH2M Hill Plateau Remediation DOE RL

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8L010000-101 B **Work Order #:** K3VA91AA **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 #...: SL771 **Work Order #...:** K32DE1AA **Matrix.....:** WATER
MB Lot-Sample #: F8L040000-152

Prep Date.....: 12/02/08
Analysis Date..: 12/02/08 **Prep Batch #...:** 8339152
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	96	(76 - 115)
Dibromofluoromethane	94	(81 - 123)
1,2-Dichloroethane-d4	84	(70 - 130)
4-Bromofluorobenzene	85	(79 - 115)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K38951AA Matrix.....: WATER
MB Lot-Sample #: F8L080000-210

Prep Date.....: 12/05/08
Analysis Date..: 12/05/08 Prep Batch #...: 8343210
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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
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
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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K38951AA 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	106	(76 - 115)
Dibromofluoromethane	92	(81 - 123)
1,2-Dichloroethane-d4	94	(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 #: F8L080000-210 B **Work Order #:** K38951AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 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
trans-1,4-Dichloro-2-butene	10.0	12.5	ug/L	125	SW846 8260B
Acetonitrile	50.0	53.1	ug/L	106	SW846 8260B
Iodomethane	10.0	14.0	ug/L	140	SW846 8260B
Vinyl acetate	10.0	14.3 a	ug/L	143	SW846 8260B
Acrolein	50.0	45.9	ug/L	92	SW846 8260B
Isobutanol	200	234	ug/L	117	SW846 8260B
Methacrylonitrile	50.0	53.6	ug/L	107	SW846 8260B
1,4-Dioxane	200	326 a	ug/L	163	SW846 8260B
Chloroprene	10.0	10.6	ug/L	106	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	9.31	ug/L	93	SW846 8260B
Ethyl methacrylate	10.0	10.6	ug/L	106	SW846 8260B
Methyl methacrylate	10.0	10.6	ug/L	106	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	10.5	ug/L	105	SW846 8260B
Trichlorofluoromethane	10.0	10.6	ug/L	106	SW846 8260B
cis-1,3-Dichloropropene	10.0	10.2	ug/L	102	SW846 8260B
Dibromochloromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	8.85	ug/L	89	SW846 8260B
Bromomethane	10.0	14.8 a	ug/L	148	SW846 8260B
Chloroethane	10.0	10.5	ug/L	105	SW846 8260B
1,1-Dichloroethene	10.0	9.19	ug/L	92	SW846 8260B
1,2-Dichloroethene (total)	20.0	20.2	ug/L	101	SW846 8260B
1,2-Dichloropropane	10.0	9.96	ug/L	100	SW846 8260B
Bromodichloromethane	10.0	10.2	ug/L	102	SW846 8260B
trans-1,3-Dichloropropene	10.0	9.99	ug/L	100	SW846 8260B
2-Hexanone	10.0	12.0	ug/L	120	SW846 8260B
Chlorobenzene	10.0	9.88	ug/L	99	SW846 8260B
Bromoform	10.0	10.0	ug/L	100	SW846 8260B
Ethylbenzene	10.0	10.1	ug/L	101	SW846 8260B
Styrene	10.0	11.1	ug/L	111	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.91	ug/L	99	SW846 8260B
Allyl chloride	10.0	9.91	ug/L	99	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3VA91AC Matrix.....: WATER
LCS Lot-Sample#: F8L010000-101

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.5	ug/L	115	SW846 8260B
1,2-Dibromoethane	10.0	10.7	ug/L	107	SW846 8260B
Vinyl chloride	10.0	9.82	ug/L	98	SW846 8260B
Acetone	10.0	12.9	ug/L	129	SW846 8260B
Methylene chloride	10.0	9.72	ug/L	97	SW846 8260B
Carbon disulfide	10.0	9.66	ug/L	97	SW846 8260B
1,1-Dichloroethane	10.0	9.63	ug/L	96	SW846 8260B
2-Butanone	10.0	12.0	ug/L	120	SW846 8260B
Chloroform	10.0	10.1	ug/L	101	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.4	ug/L	104	SW846 8260B
Propionitrile	50.0	55.4	ug/L	111	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.78	ug/L	98	SW846 8260B
1,1,1-Trichloroethane	10.0	10.3	ug/L	103	SW846 8260B
Carbon tetrachloride	10.0	10.4	ug/L	104	SW846 8260B
1,2-Dichloroethane	10.0	10.2	ug/L	102	SW846 8260B
Benzene	10.0	9.72	ug/L	97	SW846 8260B
Trichloroethene	10.0	10.3	ug/L	103	SW846 8260B
4-Methyl-2-pentanone	10.0	12.5	ug/L	125	SW846 8260B
1,1,2-Trichloroethane	10.0	10.5	ug/L	105	SW846 8260B
Tetrachloroethene	10.0	10.4	ug/L	104	SW846 8260B
Tetrahydrofuran	50.0	65.3	ug/L	131	SW846 8260B
1,4-Dichlorobenzene	10.0	10.1	ug/L	101	SW846 8260B
1-Butanol	100	128	ug/L	128	SW846 8260B
Toluene	10.0	10.0	ug/L	100	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

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 **Work Order #...:** K32DE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8L040000-152 K32DE1AD-LCSD
Prep Date.....: 12/02/08 **Analysis Date..:** 12/02/08
Prep Batch #...: 8339152
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Carbon tetrachloride	**10.0**	**10.8**	**ug/L**	**108**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**7.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(82 - 115)
	97	(82 - 115)
Dibromofluoromethane	110	(79 - 120)
	114	(79 - 120)
1,2-Dichloroethane-d4	106	(62 - 130)
	97	(62 - 130)
4-Bromofluorobenzene	88	(77 - 115)
	86	(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 #...: SL771 Work Order #...: K38951AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8L080000-210 K38951AD-LCSD
Prep Date.....: 12/05/08 Analysis Date..: 12/05/08
Prep Batch #...: 8343210
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	10.0	11.4	ug/L	114		SW846 8260B
	10.0	10.5	ug/L	105	8.4	SW846 8260B
Dibromochloromethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.0	ug/L	100	6.1	SW846 8260B
Chloromethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	8.15 p	ug/L	82	24	SW846 8260B
Bromomethane	10.0	13.3	ug/L	133		SW846 8260B
	10.0	12.3	ug/L	123	8.0	SW846 8260B
Chloroethane	10.0	11.1	ug/L	111		SW846 8260B
	10.0	9.21	ug/L	92	18	SW846 8260B
1,1-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	8.58	ug/L	86	17	SW846 8260B
1,2-Dichloroethene (total)	20.0	21.2	ug/L	106		SW846 8260B
	20.0	18.5	ug/L	92	14	SW846 8260B
1,2-Dichloropropane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.38	ug/L	94	8.5	SW846 8260B
Bromodichloromethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	9.88	ug/L	99	9.8	SW846 8260B
trans-1,3-Dichloropropene	10.0	11.6	ug/L	116		SW846 8260B
	10.0	10.8	ug/L	108	7.0	SW846 8260B
2-Hexanone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	11.0	ug/L	110	5.2	SW846 8260B
Chlorobenzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.49	ug/L	95	5.4	SW846 8260B
Bromoform	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.39	ug/L	94	10	SW846 8260B
Ethylbenzene	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.2	ug/L	102	7.4	SW846 8260B
Styrene	10.0	11.4	ug/L	114		SW846 8260B
	10.0	10.8	ug/L	108	5.8	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.55	ug/L	96		SW846 8260B
	10.0	9.04	ug/L	90	5.4	SW846 8260B
Allyl chloride	10.0	11.4	ug/L	114		SW846 8260B
	10.0	9.34	ug/L	93	20	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.86	ug/L	99		SW846 8260B
	10.0	10.0	ug/L	100	1.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K38951AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8L080000-210 K38951AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dibromoethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.63	ug/L	96	5.4	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	9.17	ug/L	92	14	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	11.1	ug/L	111		SW846 8260B
	10.0	7.96 p	ug/L	80	33	SW846 8260B
Ethyl methacrylate	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.5	ug/L	105	6.4	SW846 8260B
Methyl methacrylate	10.0	11.0	ug/L	110		SW846 8260B
	10.0	9.51	ug/L	95	15	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.85	ug/L	98	4.5	SW846 8260B
Trichlorofluoromethane	10.0	11.9	ug/L	119		SW846 8260B
	10.0	9.88	ug/L	99	18	SW846 8260B
Acetonitrile	50.0	53.1	ug/L	106		SW846 8260B
	50.0	47.8	ug/L	96	10	SW846 8260B
Iodomethane	10.0	11.7	ug/L	117		SW846 8260B
	10.0	11.3	ug/L	113	4.1	SW846 8260B
Vinyl acetate	10.0	12.2	ug/L	122		SW846 8260B
	10.0	12.1	ug/L	121	0.65	SW846 8260B
Acrolein	50.0	54.3	ug/L	109		SW846 8260B
	50.0	55.7	ug/L	111	2.5	SW846 8260B
Isobutanol	200	181	ug/L	90		SW846 8260B
	200	189	ug/L	95	4.6	SW846 8260B
Methacrylonitrile	50.0	59.0	ug/L	118		SW846 8260B
	50.0	52.6	ug/L	105	11	SW846 8260B
1,4-Dioxane	200	192	ug/L	96		SW846 8260B
	200	194	ug/L	97	1.4	SW846 8260B
Chloroprene	10.0	12.7 a	ug/L	127		SW846 8260B
	10.0	10.9	ug/L	109	15	SW846 8260B
Vinyl chloride	10.0	12.0	ug/L	120		SW846 8260B
	10.0	9.94	ug/L	99	18	SW846 8260B
Acetone	10.0	11.9	ug/L	119		SW846 8260B
	10.0	11.1	ug/L	111	7.0	SW846 8260B
Methylene chloride	10.0	9.52	ug/L	95		SW846 8260B
	10.0	8.59	ug/L	86	10	SW846 8260B
Carbon disulfide	10.0	11.6	ug/L	116		SW846 8260B
	10.0	9.35 p	ug/L	94	21	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K38951AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8L080000-210 K38951AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	8.94	ug/L	89	15	SW846 8260B
2-Butanone	10.0	9.46	ug/L	95		SW846 8260B
	10.0	8.80	ug/L	88	7.2	SW846 8260B
Chloroform	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.35	ug/L	93	10	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	9.42	ug/L	94	11	SW846 8260B
Propionitrile	50.0	58.0	ug/L	116		SW846 8260B
	50.0	52.2	ug/L	104	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.7	ug/L	107		SW846 8260B
	10.0	9.07	ug/L	91	16	SW846 8260B
1,1,1-Trichloroethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	9.54	ug/L	95	14	SW846 8260B
Carbon tetrachloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	9.76	ug/L	98	13	SW846 8260B
1,2-Dichloroethane	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.10	ug/L	91	10	SW846 8260B
Benzene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.20	ug/L	92	12	SW846 8260B
Trichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.25	ug/L	92	11	SW846 8260B
4-Methyl-2-pentanone	10.0	11.7	ug/L	117		SW846 8260B
	10.0	12.3	ug/L	123	5.2	SW846 8260B
1,1,2-Trichloroethane	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.97	ug/L	100	1.3	SW846 8260B
Tetrachloroethene	10.0	9.62	ug/L	96		SW846 8260B
	10.0	8.93	ug/L	89	7.4	SW846 8260B
Tetrahydrofuran	50.0	59.4	ug/L	119		SW846 8260B
	50.0	55.4	ug/L	111	7.1	SW846 8260B
1,4-Dichlorobenzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	8.86	ug/L	89	9.3	SW846 8260B
1-Butanol	100	98.3	ug/L	98		SW846 8260B
	100	94.7	ug/L	95	3.8	SW846 8260B
Toluene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	9.66	ug/L	97	8.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(82 - 115)
	110	(82 - 115)
Dibromofluoromethane	106	(79 - 120)
	102	(79 - 120)
1,2-Dichloroethane-d4	108	(62 - 130)
	103	(62 - 130)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 **Work Order #...:** K38951AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8L080000-210 K38951AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	102	(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

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

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3FXD1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K210255-001 K3FXD1AE-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
cis-1,3-Dichloropropene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	8.70	ug/L	87	14	SW846 8260B
Chloromethane	ND	10.0	8.34	ug/L	83		SW846 8260B
	ND	10.0	7.17	ug/L	72	15	SW846 8260B
Bromomethane	ND	10.0	15.3	ug/L	153		SW846 8260B
	Qualifiers:	a,T					
	ND	10.0	13.8	ug/L	138	10	SW846 8260B
Chloroethane	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	8.05	ug/L	81	14	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	8.16	ug/L	82	13	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	19.9	ug/L	99		SW846 8260B
	ND	20.0	17.0	ug/L	85	16	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.72	ug/L	97		SW846 8260B
	ND	10.0	8.06	ug/L	81	19	SW846 8260B
Bromodichloromethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	8.49	ug/L	85	17	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	9.92	ug/L	99		SW846 8260B
	ND	10.0	8.57	ug/L	86	15	SW846 8260B
2-Hexanone	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	8.83	ug/L	88 p	24	SW846 8260B
Chlorobenzene	ND	10.0	9.62	ug/L	96		SW846 8260B
	ND	10.0	8.28	ug/L	83	15	SW846 8260B
Bromoform	ND	10.0	9.68	ug/L	97		SW846 8260B
	ND	10.0	8.09	ug/L	81	18	SW846 8260B
Ethylbenzene	ND	10.0	9.59	ug/L	96		SW846 8260B
	ND	10.0	8.27	ug/L	83	15	SW846 8260B
Styrene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	9.50	ug/L	95	17	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	9.32	ug/L	93		SW846 8260B
	ND	10.0	7.93	ug/L	79	16	SW846 8260B
Dibromochloromethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	8.69	ug/L	87	15	SW846 8260B
Allyl chloride	ND	10.0	9.85	ug/L	98		SW846 8260B
	ND	10.0	8.83	ug/L	88	11	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3FXD1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K210255-001 K3FXD1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	9.86	ug/L	99		SW846 8260B
	ND	10.0	8.93	ug/L	89	9.8	SW846 8260B
1,2-Dibromoethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	8.91	ug/L	89	15	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	7.96	ug/L	80 p	31	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	6.87	ug/L	69		SW846 8260B
	ND	10.0	5.65	ug/L	56	20	SW846 8260B
Ethyl methacrylate	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	8.05	ug/L	80 p	21	SW846 8260B
Methyl methacrylate	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	9.06	ug/L	91	19	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	8.53	ug/L	85	15	SW846 8260B
Trichlorofluoromethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	8.93	ug/L	89	16	SW846 8260B
Acetonitrile	ND	50.0	50.0	ug/L	100		SW846 8260B
	ND	50.0	47.0	ug/L	94	6.3	SW846 8260B
Iodomethane	ND	10.0	13.8	ug/L	138		SW846 8260B
	ND	10.0	12.1	ug/L	121	14	SW846 8260B
Vinyl acetate	ND	10.0	13.5	ug/L	135		SW846 8260B
	ND	10.0	12.6	ug/L	126	6.9	SW846 8260B
Acrolein	ND	50.0	50.8	ug/L	102		SW846 8260B
	ND	50.0	37.8	ug/L	76 p	30	SW846 8260B
Isobutanol	ND	200	178	ug/L	89		SW846 8260B
	ND	200	246	ug/L	123 p	32	SW846 8260B
Methacrylonitrile	ND	50.0	53.8	ug/L	108		SW846 8260B
	ND	50.0	47.2	ug/L	94	13	SW846 8260B
1,4-Dioxane	ND	200	184	ug/L	92		SW846 8260B
	ND	200	192	ug/L	96	4.5	SW846 8260B
Chloroprene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	9.04	ug/L	90	16	SW846 8260B
Vinyl chloride	ND	10.0	9.48	ug/L	95		SW846 8260B
	ND	10.0	8.12	ug/L	81	15	SW846 8260B
Acetone	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.0	ug/L	100	3.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3FXD1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K210255-001 K3FXD1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Methylene chloride	ND	10.0	9.45	ug/L	94		SW846 8260B
	ND	10.0	7.96	ug/L	80	17	SW846 8260B
Carbon disulfide	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	9.52	ug/L	95	15	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.62	ug/L	96		SW846 8260B
	ND	10.0	8.08	ug/L	81	17	SW846 8260B
2-Butanone	ND	10.0	7.96	ug/L	80		SW846 8260B
	ND	10.0	9.49	ug/L	95	18	SW846 8260B
Chloroform	3.1	10.0	12.9	ug/L	98		SW846 8260B
	3.1	10.0	11.5	ug/L	84	12	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.82	ug/L	98		SW846 8260B
	ND	10.0	8.53	ug/L	85	14	SW846 8260B
Propionitrile	ND	50.0	54.3	ug/L	109		SW846 8260B
	ND	50.0	45.3	ug/L	91	18	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	8.46	ug/L	85	17	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	8.78	ug/L	88	16	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	8.48	ug/L	85	18	SW846 8260B
Benzene	ND	10.0	9.45	ug/L	94		SW846 8260B
	ND	10.0	8.24	ug/L	82	14	SW846 8260B
Trichloroethene	0.60	10.0	10.4	ug/L	98		SW846 8260B
	0.60	10.0	9.05	ug/L	85	14	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	13.0	ug/L	130		SW846 8260B
	ND	10.0	11.2	ug/L	112	15	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	8.58	ug/L	86	16	SW846 8260B
Tetrachloroethene	ND	10.0	9.57	ug/L	96		SW846 8260B
	ND	10.0	8.04	ug/L	80	17	SW846 8260B
Tetrahydrofuran	ND	50.0	65.0	ug/L	130		SW846 8260B
	ND	50.0	56.3	ug/L	113	14	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	8.22	ug/L	82	15	SW846 8260B
1-Butanol	ND	100	89.9	ug/L	90		SW846 8260B
	ND	100	52.3	ug/L	52 p	53	SW846 8260B
Toluene	ND	10.0	9.48	ug/L	95		SW846 8260B
	ND	10.0	8.26	ug/L	83	14	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(76 - 115)
	95	(76 - 115)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 **Work Order #...:** K3FXD1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K210255-001 K3FXD1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(81 - 123)
	115	(81 - 123)
1,2-Dichloroethane-d4	98	(70 - 130)
	98	(70 - 130)
4-Bromofluorobenzene	97	(79 - 115)
	98	(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 #...: SL771 Work Order #...: K3M9R1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K250315-001 K3M9R1AE-MSD
Date Sampled...: 11/23/08 Date Received..: 11/25/08
Prep Date.....: 12/05/08 Analysis Date..: 12/05/08
Prep Batch #...: 8343210
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	7.27	ug/L	73		SW846 8260B
	ND	10.0	7.09	ug/L	71	2.6	SW846 8260B
Chloromethane	0.15	10.0	7.15	ug/L	70		SW846 8260B
	0.15	10.0	7.94	ug/L	78	10	SW846 8260B
Bromomethane	ND	10.0	5.36	ug/L	54		SW846 8260B
	ND	10.0	8.29	ug/L	83 p	43	SW846 8260B
Chloroethane	ND	10.0	8.73	ug/L	87		SW846 8260B
	ND	10.0	8.74	ug/L	87	0.03	SW846 8260B
1,1-Dichloroethene	ND	10.0	8.11	ug/L	81		SW846 8260B
	ND	10.0	7.96	ug/L	80	2.0	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	17.2	ug/L	86		SW846 8260B
	ND	20.0	16.6	ug/L	83	3.8	SW846 8260B
1,2-Dichloropropane	ND	10.0	8.54	ug/L	85		SW846 8260B
	ND	10.0	8.16	ug/L	82	4.5	SW846 8260B
Bromodichloromethane	ND	10.0	9.03	ug/L	90		SW846 8260B
	ND	10.0	9.15	ug/L	92	1.3	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	6.40	ug/L	64		SW846 8260B
	ND	10.0	6.46	ug/L	65	0.94	SW846 8260B
2-Hexanone	ND	10.0	7.78	ug/L	78		SW846 8260B
	ND	10.0	8.37	ug/L	84	7.2	SW846 8260B
Chlorobenzene	ND	10.0	8.19	ug/L	82		SW846 8260B
	ND	10.0	7.90	ug/L	79	3.5	SW846 8260B
Bromoform	ND	10.0	8.36	ug/L	84		SW846 8260B
	ND	10.0	8.38	ug/L	84	0.22	SW846 8260B
Ethylbenzene	ND	10.0	8.82	ug/L	88		SW846 8260B
	ND	10.0	8.53	ug/L	85	3.4	SW846 8260B
Styrene	ND	10.0	8.39	ug/L	84		SW846 8260B
	ND	10.0	8.58	ug/L	86	2.2	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	7.75	ug/L	77		SW846 8260B
	ND	10.0	7.84	ug/L	78	1.2	SW846 8260B
Dibromochloromethane	ND	10.0	8.57	ug/L	86		SW846 8260B
	ND	10.0	8.49	ug/L	85	0.96	SW846 8260B
Allyl chloride	ND	10.0	8.39	ug/L	84		SW846 8260B
	ND	10.0	8.61	ug/L	86	2.5	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	6.61	ug/L	66		SW846 8260B
	ND	10.0	7.78	ug/L	78	16	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3M9R1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K250315-001 K3M9R1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	7.99	ug/L	80		SW846 8260B
	ND	10.0	7.71	ug/L	77	3.6	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	2.78	ug/L	28		SW846 8260B
	ND	10.0	3.58	ug/L	36 p	25	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	8.10	ug/L	81		SW846 8260B
	ND	10.0	8.13	ug/L	81	0.35	SW846 8260B
Ethyl methacrylate	ND	10.0	8.73	ug/L	87		SW846 8260B
	ND	10.0	8.76	ug/L	88	0.41	SW846 8260B
Methyl methacrylate	ND	10.0	9.06	ug/L	91		SW846 8260B
	ND	10.0	8.63	ug/L	86	4.9	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	8.46	ug/L	85		SW846 8260B
	ND	10.0	8.17	ug/L	82	3.5	SW846 8260B
Trichlorofluoromethane	ND	10.0	8.94	ug/L	89		SW846 8260B
	ND	10.0	9.10	ug/L	91	1.7	SW846 8260B
Acetonitrile	ND	50.0	47.9	ug/L	96		SW846 8260B
	ND	50.0	42.2	ug/L	84	13	SW846 8260B
Iodomethane	ND	10.0	7.40	ug/L	74		SW846 8260B
	ND	10.0	8.94	ug/L	89	19	SW846 8260B
Vinyl acetate	ND	10.0	3.06	ug/L	31 a,T		SW846 8260B
	ND	10.0	3.88	ug/L	39 p	24	SW846 8260B
Acrolein	ND	50.0	43.8	ug/L	88		SW846 8260B
	ND	50.0	43.2	ug/L	86	1.5	SW846 8260B
Isobutanol	ND	200	134	ug/L	67		SW846 8260B
	ND	200	130	ug/L	65	2.6	SW846 8260B
Methacrylonitrile	ND	50.0	49.1	ug/L	98		SW846 8260B
	ND	50.0	46.6	ug/L	93	5.2	SW846 8260B
1,4-Dioxane	ND	200	191	ug/L	96		SW846 8260B
	ND	200	161	ug/L	81	17	SW846 8260B
Chloroprene	ND	10.0	9.82	ug/L	98		SW846 8260B
	ND	10.0	9.81	ug/L	98	0.13	SW846 8260B
Vinyl chloride	ND	10.0	7.72	ug/L	77		SW846 8260B
	ND	10.0	8.25	ug/L	82	6.5	SW846 8260B
Acetone	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	13.9	ug/L	139	15	SW846 8260B
Methylene chloride	ND	10.0	7.54	ug/L	75		SW846 8260B
	ND	10.0	7.65	ug/L	76	1.4	SW846 8260B
Carbon disulfide	ND	10.0	9.08	ug/L	91		SW846 8260B
	ND	10.0	8.62	ug/L	86	5.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 Work Order #...: K3M9R1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8K250315-001 K3M9R1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	8.67	ug/L	87		SW846 8260B
	ND	10.0	8.48	ug/L	85	2.3	SW846 8260B
2-Butanone	ND	10.0	7.60	ug/L	76		SW846 8260B
	ND	10.0	7.03	ug/L	70	7.8	SW846 8260B
Chloroform	1.8	10.0	10.6	ug/L	88		SW846 8260B
	1.8	10.0	10.1	ug/L	83	4.7	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.00	ug/L	90		SW846 8260B
	ND	10.0	8.65	ug/L	87	3.9	SW846 8260B
Propionitrile	ND	50.0	46.7	ug/L	93		SW846 8260B
	ND	50.0	41.6	ug/L	83	11	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.20	ug/L	82		SW846 8260B
	ND	10.0	7.89	ug/L	79	3.8	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.71	ug/L	87		SW846 8260B
	ND	10.0	8.57	ug/L	86	1.6	SW846 8260B
Carbon tetrachloride	8.3	10.0	16.9	ug/L	86		SW846 8260B
	8.3	10.0	17.1	ug/L	88	0.82	SW846 8260B
1,2-Dichloroethane	ND	10.0	8.52	ug/L	85		SW846 8260B
	ND	10.0	8.31	ug/L	83	2.4	SW846 8260B
Benzene	ND	10.0	8.45	ug/L	84		SW846 8260B
	ND	10.0	8.22	ug/L	82	2.7	SW846 8260B
Trichloroethene	0.28	10.0	9.24	ug/L	90		SW846 8260B
	0.28	10.0	8.46	ug/L	82	8.8	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.25	ug/L	92		SW846 8260B
	ND	10.0	8.59	ug/L	86	7.4	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.57	ug/L	86		SW846 8260B
	ND	10.0	8.32	ug/L	83	2.9	SW846 8260B
Tetrachloroethene	ND	10.0	8.01	ug/L	80		SW846 8260B
	ND	10.0	7.77	ug/L	78	2.9	SW846 8260B
Tetrahydrofuran	ND	50.0	45.1	ug/L	90		SW846 8260B
	ND	50.0	43.8	ug/L	88	2.8	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	7.53	ug/L	75		SW846 8260B
	ND	10.0	7.37	ug/L	74	2.1	SW846 8260B
1-Butanol	ND	100	75.3	ug/L	75		SW846 8260B
	ND	100	86.9	ug/L	87	14	SW846 8260B
Toluene	ND	10.0	8.69	ug/L	87		SW846 8260B
	ND	10.0	8.40	ug/L	84	3.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(76 - 115)
	102	(76 - 115)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL771 **Work Order #...:** K3M9R1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K250315-001 K3M9R1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(81 - 123)
	92	(81 - 123)
1,2-Dichloroethane-d4	96	(70 - 130)
	96	(70 - 130)
4-Bromofluorobenzene	92	(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.

PHENOL BY GC

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XMT0

GC Semivolatiles

Lot-Sample #...: F8K190255-001 Work Order #...: K29F91AC Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08
Prep Date.....: 11/20/08 Analysis Date..: 12/01/08
Prep Batch #...: 8325226
Dilution Factor: 1 Method.....: SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND N	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(44 - 110)
2-Fluorophenol	54	(37 - 96)

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XMT1

GC Semivolatiles

Lot-Sample #...: F8K190255-002 Work Order #...: K29GD1AC Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08
Prep Date.....: 11/20/08 Analysis Date..: 12/01/08
Prep Batch #...: 8325226
Dilution Factor: 1 Method.....: SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND N	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	69	(44 - 110)
2-Fluorophenol	56	(37 - 96)

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL771 **Work Order #...:** K3A151AA **Matrix.....:** WATER
MB Lot-Sample #: F8K200000-226

Prep Date.....: 11/20/08
Analysis Date..: 12/01/08 **Prep Batch #...:** 8325226
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Chlorophenol	ND	5.0	ug/L	SW846 8040A
4-Chloro-3-methylphenol	ND	5.0	ug/L	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	SW846 8040A
2-Methylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,6-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4-Dimethylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8040A
Dinoseb	ND	5.0	ug/L	SW846 8040A
2-Nitrophenol	ND	5.0	ug/L	SW846 8040A
4-Nitrophenol	ND	5.0	ug/L	SW846 8040A
Pentachlorophenol	ND	5.0	ug/L	SW846 8040A
Phenol	ND	5.0	ug/L	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,5-Trichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichlorophenol	ND	5.0	ug/L	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(44 - 110)
2-Fluorophenol	57	(37 - 96)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL771 Work Order #...: K3A151AC Matrix.....: WATER
LCS Lot-Sample#: F8K200000-226
Prep Date.....: 11/20/08 Analysis Date..: 12/01/08
Prep Batch #...: 8325226
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	71.7	ug/L	72	SW846 8040A
4-Chloro-3-methylphenol	100	78.3	ug/L	78	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	73.8	ug/L	74	SW846 8040A
2-Methylphenol	100	71.6	ug/L	72	SW846 8040A
2,4-Dichlorophenol	100	72.1	ug/L	72	SW846 8040A
2,6-Dichlorophenol	100	74.0	ug/L	74	SW846 8040A
2,4-Dimethylphenol	100	72.9	ug/L	73	SW846 8040A
2,4-Dinitrophenol	100	86.2	ug/L	86	SW846 8040A
4,6-Dinitro-2-methylphenol	100	94.0	ug/L	94	SW846 8040A
Dinoseb	100	95.5	ug/L	96	SW846 8040A
2-Nitrophenol	100	78.4	ug/L	78	SW846 8040A
4-Nitrophenol	100	89.6	ug/L	90	SW846 8040A
Pentachlorophenol	100	87.8	ug/L	88	SW846 8040A
Phenol	100	71.8	ug/L	72	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	39.6 N	ug/L	40	SW846 8040A
2,4,5-Trichlorophenol	100	78.5	ug/L	78	SW846 8040A
2,4,6-Trichlorophenol	100	79.4	ug/L	79	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(50 - 107)
2-Fluorophenol	57	(50 - 91)

NOTE(S):

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

Bold print denotes control parameters

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL771 Work Order #...: K29F91AE-MS Matrix.....: WATER
MS Lot-Sample #: F8K190255-001 K29F91AF-MSD
Date Sampled...: 11/17/08 Date Received..: 11/19/08
Prep Date.....: 11/20/08 Analysis Date..: 12/01/08
Prep Batch #...: 8325226
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.3	76.0	ug/L	80		SW846 8040A
	ND	95.0	66.4	ug/L	70	13	SW846 8040A
4-Chloro-3-methylphenol	ND	95.3	82.5	ug/L	87		SW846 8040A
	ND	95.0	71.2	ug/L	75	15	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.3	77.5	ug/L	81		SW846 8040A
	ND	95.0	67.2	ug/L	71	14	SW846 8040A
2-Methylphenol	ND	95.3	75.1	ug/L	79		SW846 8040A
	ND	95.0	66.0	ug/L	69	13	SW846 8040A
2,4-Dichlorophenol	ND	95.3	75.8	ug/L	80		SW846 8040A
	ND	95.0	66.0	ug/L	70	14	SW846 8040A
2,6-Dichlorophenol	ND	95.3	77.5	ug/L	81		SW846 8040A
	ND	95.0	67.7	ug/L	71	14	SW846 8040A
2,4-Dimethylphenol	ND	95.3	74.0	ug/L	78		SW846 8040A
	ND	95.0	61.6	ug/L	65	18	SW846 8040A
2,4-Dinitrophenol	ND	95.3	90.8	ug/L	95		SW846 8040A
	ND	95.0	80.5	ug/L	85	12	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.3	106	ug/L	111		SW846 8040A
	ND	95.0	94.6	ug/L	100	11	SW846 8040A
Dinoseb	ND	95.3	102	ug/L	107		SW846 8040A
	ND	95.0	89.2	ug/L	94	14	SW846 8040A
2-Nitrophenol	ND	95.3	84.7	ug/L	89		SW846 8040A
	ND	95.0	72.5	ug/L	76	16	SW846 8040A
4-Nitrophenol	ND	95.3	94.5	ug/L	99		SW846 8040A
	ND	95.0	82.1	ug/L	86	14	SW846 8040A
Pentachlorophenol	ND	95.3	88.0	ug/L	92		SW846 8040A
	ND	95.0	83.5	ug/L	88	5.3	SW846 8040A
Phenol	ND	95.3	75.4	ug/L	79		SW846 8040A
	ND	95.0	64.3	ug/L	68	16	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.3	85.2	ug/L	89		SW846 8040A
	ND	95.0	25.7	ug/L	27 N,p	107	SW846 8040A
2,4,5-Trichlorophenol	ND	95.3	83.3	ug/L	87		SW846 8040A
	ND	95.0	71.8	ug/L	76	15	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL771 **Work Order #...:** K29F91AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F8K190255-001 K29F91AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.3**	**84.5**	**ug/L**	**89**		**SW846 8040A**
	ND	**95.0**	**75.0**	**ug/L**	**79**	**12**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(44 - 110)
	74	(44 - 110)
2-Fluorophenol	63	(37 - 96)
	55	(37 - 96)

NOTE(S):

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

Bold print denotes control parameters

N Spiked analyte recovery is outside stated control limits.

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

METALS

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLP3

DISSOLVED Metals

Lot-Sample #...: F8K190251-001 Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	**8.0 B**	**60.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AA**
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**68.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**66300 C,D**	**25000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**467**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3120 B**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K29FT1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLP3

DISSOLVED Metals

Lot-Sample #...: F8K190251-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	11700	5000	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	405 D	250	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	10.2 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	50.1 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K29FT1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	5.8 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K29FT1AW
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLP4

TOTAL Metals

Lot-Sample #...: F8K190251-002 Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	7.5 B	60.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	63.9 B	200	ug/L	SW846 6010B	12/04-12/05/08	K29F61AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	63900 C,D	25000	ug/L	SW846 6010B	12/04-12/05/08	K29F61AG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	438	10.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	126	100	ug/L	SW846 6010B	12/04-12/05/08	K29F61AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	15500	5000	ug/L	SW846 6010B	12/04-12/05/08	K29F61AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5500	5000	ug/L	SW846 6010B	12/04-12/05/08	K29F61AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLP4

TOTAL Metals

Lot-Sample #...: F8K190251-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	11000	5000	ug/L	SW846 6010B	12/04-12/05/08	K29F61AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	389 D	250	ug/L	SW846 6010B	12/04-12/05/08	K29F61AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	9.2 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	48.2 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K29F61AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	4.4 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K29F61AX
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL98

DISSOLVED Metals

Lot-Sample #...: F8K210257-001 Matrix.....: WATER
Date Sampled...: 11/19/08 Date Received..: 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	ND	60.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**39.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**31800 C**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**59.4**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12600**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**20.6**	**15.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**57800**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXL1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL98

DISSOLVED Metals

Lot-Sample #...: F8K210257-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	7790	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	241	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	20.2 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXL1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	5.1 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FXL1AW
		Dilution Factor: 1		MDL.....: 1.9		

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: B1XL99

TOTAL Metals

Lot-Sample #...: F8K210257-002 **Matrix.....:** WATER
Date Sampled...: 11/19/08 **Date Received..:** 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	ND	60.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**38.1 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**32500 C**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**90.4**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**2110**	**100**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12800**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**30.7**	**15.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**59800**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXT1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XL99

TOTAL Metals

Lot-Sample #...: F8K210257-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	8000	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	246	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	114 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXT1AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	5.7 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FXT1AX
		Dilution Factor: 1		MDL.....: 1.9		

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: B1XLH2

DISSOLVED Metals

Lot-Sample #...: F8K210257-003 **Matrix.....:** WATER
Date Sampled...: 11/19/08 **Date Received..:** 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	**4.2 B**	**60.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AA**
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**149 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**65500 C,D**	**25000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**170**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**339**	**100**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**14000**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**23.1**	**15.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**23800**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXW1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLH2

DISSOLVED Metals

Lot-Sample #...: F8K210257-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	23900	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	397 D	250	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	7.3 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	125 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXW1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	3.1 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FXW1AW
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLH3

TOTAL Metals

Lot-Sample #...: F8K210257-004 Matrix.....: WATER
Date Sampled...: 11/19/08 Date Received..: 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	ND	60.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**137 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**64200 C,D**	**25000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**171**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**543**	**100**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12900**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**25.3**	**15.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**20700**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FXX1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLH3

TOTAL Metals

Lot-Sample #...: F8K210257-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	22000	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	389 D	250	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	6.5 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	125 C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FXX1AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	3.9 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FXX1AX
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLC6

DISSOLVED Metals

Lot-Sample #...: F8K210257-005 Matrix.....: WATER
Date Sampled...: 11/19/08 Date Received..: 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	**12.2 B**	**60.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AA**
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**61.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**98200 C,D**	**25000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**839**	**10.0**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**21300**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5190**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K3FX01AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AQ
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLC6

DISSOLVED Metals

Lot-Sample #...: F8K210257-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	16300	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	543 D	250	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	5.3 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX01AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	4.5 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FX01AW
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLC7

TOTAL Metals

Lot-Sample #...: F8K210257-006 Matrix.....: WATER
Date Sampled...: 11/19/08 Date Received..: 11/21/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8339356						
Antimony	12.9 B	60.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	69.7 B	200	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	98600 C,D	25000	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	786	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	736	100	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	19900	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	28.6	15.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3110 B	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AR
		Dilution Factor: 1		MDL.....: 6.0		

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CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XLC7

TOTAL Metals

Lot-Sample #...: F8K210257-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	14600	5000	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	542 D	250	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	6.2 B	50.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.0 B,C	20.0	ug/L	SW846 6010B	12/04-12/05/08	K3FX31AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8346244						
Arsenic	3.2 B,C	10.0	ug/L	SW846 6020	12/11-12/17/08	K3FX31AX
		Dilution Factor: 1		MDL.....: 1.9		

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.

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL771 **Matrix.....:** WATER

MB Lot-Sample #: F8L040000-356 **Prep Batch #...:** 8339356

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	60.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AE
		Dilution Factor: 1				
Calcium	**40.4 B**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K33HK1AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL771 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AU
		Dilution Factor: 1				
Zinc	5.2 B	20.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1AV
		Dilution Factor: 1				

MB Lot-Sample #: F8L110000-244 Prep Batch #...: 8346244

Arsenic	2.5 B	10.0	ug/L	SW846 6020	12/11-12/17/08	K4G391AA
		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 #...: SL771 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8L040000-356 **Prep Batch #...:** 8339356						
Antimony	ND	60.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CK
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CL
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CM
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CN
		Dilution Factor: 1				
Calcium	**40.4 B**	**5000**	**ug/L**	**SW846 6010B**	**12/04-12/05/08**	**K33HK1CP**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CQ
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CR
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CT
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CU
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CV
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CW
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1CX
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C0
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C1
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C2
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL771 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C3
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C4
		Dilution Factor: 1				
Zinc	5.2 B	20.0	ug/L	SW846 6010B	12/04-12/05/08	K33HK1C5
		Dilution Factor: 1				

MB Lot-Sample #: F8L110000-244 Prep Batch #...: 8346244

Arsenic	2.5 B	10.0	ug/L	SW846 6020	12/11-12/17/08	K4G391AD
		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 #...: SL771 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8L040000-356 **Prep Batch #...:** 8339356							
Antimony	500	522	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1AX
			Dilution Factor: 1				
Barium	500	526	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1A0
			Dilution Factor: 1				
Beryllium	500	558	ug/L	112	SW846 6010B	12/04-12/05/08	K33HK1A1
			Dilution Factor: 1				
Cadmium	500	539	ug/L	108	SW846 6010B	12/04-12/05/08	K33HK1A2
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1A3
			Dilution Factor: 1				
Chromium	500	520	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1A4
			Dilution Factor: 1				
Cobalt	500	518	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1A5
			Dilution Factor: 1				
Copper	500	493	ug/L	99	SW846 6010B	12/04-12/05/08	K33HK1A6
			Dilution Factor: 1				
Iron	500	592	ug/L	118	SW846 6010B	12/04-12/05/08	K33HK1A7
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1A8
			Dilution Factor: 1				
Manganese	500	527	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1A9
			Dilution Factor: 1				
Nickel	500	527	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1CA
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1CC
			Dilution Factor: 1				
Silver	125	129	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1CD
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL771 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10200	ug/L	102	SW846 6010B	12/04-12/05/08	K33HK1CE
			Dilution Factor: 1				
Strontium	500	560	ug/L	112	SW846 6010B	12/04-12/05/08	K33HK1CF
			Dilution Factor: 1				
Vanadium	500	523	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1CG
			Dilution Factor: 1				
Zinc	500	575	ug/L	115	SW846 6010B	12/04-12/05/08	K33HK1CH
			Dilution Factor: 1				

LCS Lot-Sample#: F8L110000-244 **Prep Batch #...:** 8346244

Arsenic	500	529	ug/L	106	SW846 6020	12/11-12/17/08	K4G391AC
			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 #...: SL771 **Matrix.....:** WATER

LCS Lot-Sample#: F8L040000-356 **Prep Batch #...:** 8339356

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	522	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1C7
			Dilution Factor: 1				
Barium	500	526	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1C8
			Dilution Factor: 1				
Beryllium	500	558	ug/L	112	SW846 6010B	12/04-12/05/08	K33HK1C9
			Dilution Factor: 1				
Cadmium	500	539	ug/L	108	SW846 6010B	12/04-12/05/08	K33HK1DA
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1DC
			Dilution Factor: 1				
Chromium	500	520	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1DD
			Dilution Factor: 1				
Cobalt	500	518	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1DE
			Dilution Factor: 1				
Copper	500	493	ug/L	99	SW846 6010B	12/04-12/05/08	K33HK1DF
			Dilution Factor: 1				
Iron	500	592	ug/L	118	SW846 6010B	12/04-12/05/08	K33HK1DG
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	12/04-12/05/08	K33HK1DH
			Dilution Factor: 1				
Manganese	500	527	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1DJ
			Dilution Factor: 1				
Nickel	500	527	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1DK
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1DL
			Dilution Factor: 1				
Silver	125	129	ug/L	103	SW846 6010B	12/04-12/05/08	K33HK1DM
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL771 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10200	ug/L	102	SW846 6010B	12/04-12/05/08	K33HK1DN
			Dilution Factor: 1				
Strontium	500	560	ug/L	112	SW846 6010B	12/04-12/05/08	K33HK1DP
			Dilution Factor: 1				
Vanadium	500	523	ug/L	105	SW846 6010B	12/04-12/05/08	K33HK1DQ
			Dilution Factor: 1				
Zinc	500	575	ug/L	115	SW846 6010B	12/04-12/05/08	K33HK1DR
			Dilution Factor: 1				

LCS Lot-Sample#: F8L110000-244 **Prep Batch #...:** 8346244

Arsenic	500	529	ug/L	106	SW846 6020	12/11-12/17/08	K4G391AE
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL771 **Matrix.....:** WATER
Date Sampled...: 11/24/08 **Date Received..:** 12/03/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8L030274-002 **Prep Batch #...:** 8339356									
Antimony									
	ND	250	253	ug/L	101		SW846 6010B	12/04-12/05/08	K31FQ1A0
	ND	250	256	ug/L	103	1.4	SW846 6010B	12/04-12/05/08	K31FQ1A1
			Dilution Factor: 1						
Barium									
	55.6	1000	1090	ug/L	104		SW846 6010B	12/04-12/05/08	K31FQ1A2
	55.6	1000	1110	ug/L	106	1.6	SW846 6010B	12/04-12/05/08	K31FQ1A3
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.2	ug/L	109		SW846 6010B	12/04-12/05/08	K31FQ1A4
	ND	25.0	27.7	ug/L	111	1.6	SW846 6010B	12/04-12/05/08	K31FQ1A5
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.8	ug/L	103		SW846 6010B	12/04-12/05/08	K31FQ1A6
	ND	25.0	26.0	ug/L	104	1.1	SW846 6010B	12/04-12/05/08	K31FQ1A7
			Dilution Factor: 1						
Calcium									
	42100	25000	64800 D	ug/L	91		SW846 6010B	12/04-12/05/08	K31FQ1A8
	42100	25000	62300 D	ug/L	81	3.9	SW846 6010B	12/04-12/05/08	K31FQ1A9
			Dilution Factor: 5						
Chromium									
	90.1	100	177	ug/L	87		SW846 6010B	12/04-12/05/08	K31FQ1CA
	90.1	100	181	ug/L	91	1.9	SW846 6010B	12/04-12/05/08	K31FQ1CC
			Dilution Factor: 1						
Cobalt									
	ND	250	242	ug/L	97		SW846 6010B	12/04-12/05/08	K31FQ1CD
	ND	250	246	ug/L	98	1.4	SW846 6010B	12/04-12/05/08	K31FQ1CE
			Dilution Factor: 1						
Copper									
	ND	125	122	ug/L	97		SW846 6010B	12/04-12/05/08	K31FQ1CF
	ND	125	123	ug/L	99	1.6	SW846 6010B	12/04-12/05/08	K31FQ1CG
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL771 **Matrix.....:** WATER
Date Sampled...: 11/24/08 **Date Received..:** 12/03/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	114	500	612	ug/L	100		SW846 6010B	12/04-12/05/08	K31FQ1CH
	114	500	627	ug/L	103	2.4	SW846 6010B	12/04-12/05/08	K31FQ1CJ
			Dilution Factor: 1						
Magnesium									
	12200	25000	36500	ug/L	97		SW846 6010B	12/04-12/05/08	K31FQ1CK
	12200	25000	36800	ug/L	98	0.66	SW846 6010B	12/04-12/05/08	K31FQ1CL
			Dilution Factor: 1						
Manganese									
	2.7	250	256	ug/L	102		SW846 6010B	12/04-12/05/08	K31FQ1CM
	2.7	250	260	ug/L	103	1.4	SW846 6010B	12/04-12/05/08	K31FQ1CN
			Dilution Factor: 1						
Nickel									
	ND	250	252	ug/L	101		SW846 6010B	12/04-12/05/08	K31FQ1CP
	ND	250	256	ug/L	102	1.4	SW846 6010B	12/04-12/05/08	K31FQ1CQ
			Dilution Factor: 1						
Potassium									
	ND	12500	14600	ug/L	117		SW846 6010B	12/04-12/05/08	K31FQ1CR
	ND	12500	14900	ug/L	119	1.8	SW846 6010B	12/04-12/05/08	K31FQ1CT
			Dilution Factor: 1						
Silver									
	ND	25.0	26.1	ug/L	104		SW846 6010B	12/04-12/05/08	K31FQ1CU
	ND	25.0	26.5	ug/L	106	1.3	SW846 6010B	12/04-12/05/08	K31FQ1CV
			Dilution Factor: 1						
Sodium									
	5810	12500	17800	ug/L	96		SW846 6010B	12/04-12/05/08	K31FQ1CW
	5810	12500	17800	ug/L	96	0.24	SW846 6010B	12/04-12/05/08	K31FQ1CX
			Dilution Factor: 1						
Strontium									
	323	500	830 D	ug/L	101		SW846 6010B	12/04-12/05/08	K31FQ1C0
	323	500	799 D	ug/L	95	3.8	SW846 6010B	12/04-12/05/08	K31FQ1C1
			Dilution Factor: 5						
Vanadium									
	9.2	250	261	ug/L	101		SW846 6010B	12/04-12/05/08	K31FQ1C2
	9.2	250	265	ug/L	102	1.6	SW846 6010B	12/04-12/05/08	K31FQ1C3
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL771 **Matrix.....:** WATER
Date Sampled...: 11/24/08 **Date Received..:** 12/03/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	8.0	250	278	ug/L	108		SW846 6010B	12/04-12/05/08	K31FQ1C4
	8.0	250	284	ug/L	110	2.0	SW846 6010B	12/04-12/05/08	K31FQ1C5

Dilution Factor: 1

MS Lot-Sample #: F8L030274-002 **Prep Batch #...:** 8346244

Arsenic									
	3.9	1000	1000	ug/L	100		SW846 6020	12/11-12/17/08	K31FQ1C6
	3.9	1000	955	ug/L	95	5.1	SW846 6020	12/11-12/17/08	K31FQ1C7

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.

WET CHEMISTRY

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XMT0

General Chemistry

Lot-Sample #...: F8K190255-001 Work Order #...: K29F9 Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	4.7 B	5.0	ug/L	SW846 9020B	11/26-12/01/08	8337053

Dilution Factor: 1 MDL.....: 3.5

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XMT1

General Chemistry

Lot-Sample #...: F8K190255-002 Work Order #...: K29GD Matrix.....: WATER
Date Sampled...: 11/17/08 Date Received..: 11/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	5.1	5.0	ug/L	SW846 9020B	11/26-12/01/08	8337053

Dilution Factor: 1 MDL.....: 3.5

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1XHC4

General Chemistry

Lot-Sample #...: F8K210245-001 Work Order #...: K3FTH Matrix.....: WATER
Date Sampled...: 11/19/08 Date Received..: 11/21/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	13.7 B,C	50.0	ug/L	MCAWW 350.1	12/17/08	8344124

Dilution Factor: 1 MDL.....: 7.8

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

C Analyte detected in method blank above the MDL/IDL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL771 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia		Work Order #: K4WRF1AA		MB Lot-Sample #:	F8L090000-124	
	12.1 B	**50.0**	**ug/L**	**MCAWW 350.1**	**12/17/08**	**8344124**
		Dilution Factor: 1				
TOX		Work Order #: K3V911AA		MB Lot-Sample #:	F8L020000-053	
	ND	5.0	ug/L	SW846 9020B	11/26-12/01/08	8337053
		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

General Chemistry

Lot-Sample #...: SL771 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia		WO#:K4WRF1AC-LCS/K4WRF1AD-LCSD				LCS Lot-Sample#: F8L090000-124		
	500	484	ug/L	97		MCAWW 350.1	12/17/08	8344124
	500	484	ug/L	97	0.04	MCAWW 350.1	12/17/08	8344124

Dilution Factor: 1

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL771 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #: K3V911AC		LCS Lot-Sample#: F8L020000-053		
	100	98.6	ug/L	99	SW846 9020B	11/26-12/01/08	8337053
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL771 **Matrix.....:** WATER
Date Sampled...: 11/19/08 **Date Received..:** 11/21/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia			Work Order #...:		K3FTH1AD		MS Lot-Sample #:	F8K210245-001
	13.7	500	498	ug/L	97	MCAWW 350.1	12/17/08	8344124
			Dilution Factor: 1					
TOX			Work Order #...:		K2QMX1AP		MS Lot-Sample #:	F8K120180-001
	96.3	100	192	ug/L	96	SW846 9020B	11/26-12/01/08	8337053
			Dilution Factor: 1					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8K190251 **Work Order #...:** K2QMX-SMP K2QMX-DUP **Matrix.....:** WATER

Date Sampled...: 11/11/08 **Date Received..:** 11/12/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F8K120180-001	
	96.3	95.4	ug/L	0.93	(0-20)	SW846 9020B	11/26-12/01/08	8337053

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8K190251 **Work Order #...:** K3FTH-SMP K3FTH-DUP **Matrix.....:** WATER

Date Sampled...: 11/19/08 **Date Received..:** 11/21/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F8K210245-001	
	13.7 B,C	10.4 B	ug/L	28	(0-20)	MCAWW 350.1	12/17/08	83441.24

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.

C Analyte detected in method blank above the MDL/IDL.