RECEIVED OCTOBER 24, 2008
080159
TestAmerica St. Louis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

F08-086

Lot #: F8I250185
SDG #: W05508

Mike Neely

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

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EDMC

October 24, 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CH2M Hill Plateau Remediation Company
P.O. Box 1600
MSIN B6-06
Richland, Washington 99352
October 24, 2008
Attention: Mike Neely

SDG	: W05508
Number of Samples	: two samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: September 25, 2008

II. Introduction

On September 25, 2008, two 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: F08-086

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.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CH2M Hill Plateau Remediation Company.
October 24, 2008
SDG: W05508

Semi-Volatiles

Batch: 8273051

There was insufficient sample provided to perform the analysis at the method specified amount, (900 ml). A reduced sample amount was prepared, (751.3 ml). The reporting limit has been elevated accordingly. Additionally there was insuffucient sample volume to prepare the MS/MSD at the minimum volume. The MS/MSD were prepared at half volume.
Affected Samples:
F8I250185 (1): B1TRT0

The MSD surrogate(s) recoveries are outside acceptance limits. MS/MSD spike recoveries are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the MSD and not indicative of the batch.
Affected Samples:
F8I250185 (1): B1TRT0

Pesticides

Batch: 8274342

There was insufficient sample provided to perform the analysis at the method specified amount. A reduced sample amount was prepared. The reporting limit has been elevated accordingly.
Affected Samples:
F8I250185 (1): B1TRT0

To perform an MS/MSD on a sample for organic extractables, the laboratory requires 3 liters of sample. Due to receiving less than the required three liters, the laboratory performed the MS/MSD extraction using half volume.
Affected Samples:
F8I250185 (1): B1TRT0

The MS/MSD RPD for Heptachlor is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8I250185 (1): B1TRT0

Sample surrogate recovery for TCMX is outside established QC limits. There was insufficient sample to perform re-preparation/reanalysis.
Affected Samples:
F8I250185 (1): B1TRT0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CH2M Hill Plateau Remediation Company.
October 24, 2008
SDG: W05508

There were no observations or nonconformances for the following methods:

Volatiles
ICP Metals

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

F8I250185

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Organochlorine Pesticides	SW846 8081A	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

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

SAMPLE SUMMARY

F8I250185

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KXKT1	001	B1TRT0	09/24/08	08:55
KXL5T	002	B1TRT1	09/24/08	08:55

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.

0505-08

Fluor Hanford Inc. | **CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST** | F08-086-016 | PAGE 1 OF 1

COLLECTOR NCO Sampler Rosane / Herrick / White	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** 7N **DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION C-C5356-S	**PROJECT DESIGNATION** Aquifer Tube Installation Sampling and Analysis in the 200-PO-1 OU (Shorel		**SAF NO.** F08-086	**AIR QUALITY** ☐
ICE CHEST NO. GWS-028	**FIELD LOGBOOK NO.** HNF-N-457-3	**ACTUAL SAMPLE DEPTH**	**COA** 122588ES10	**METHOD OF SHIPMENT** FEDERAL EXPRESS
SHIPPED TO TestAmerica St. Louis	**OFFSITE PROPERTY NO.** See PTR 22525		**BILL OF LADING/AIR BILL NO.** See PTR 7911 4590 2992	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HCl or H2SO4 to pH <2/Cool~4C	Cool~4C	HNO3 to pH <2	Cool~4C	None
TYPE OF CONTAINER	aGs*	aG	G/P	aG	P
NO. OF CONTAINER(S)	4	3	1	2	1
VOLUME	40mL	1000mL	500mL	1000mL	20mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	Activity Scan;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	807801	029615	031628	029615	N/A
1TRT0	WATER	9-24-08	0855	✓	✓	✓	✓	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MaWhite MaWhite	9-24-08 1530	FED EX	
FED Ex		Angela Boon	9-25-08 9:15

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.

(1)VOA - 8260B (TCL) {1,1,2,2-Tetrachloroethane, 1,2-Dichloroethane, Benzene, Bromodichloromethane, Carbon tetrachloride, Dibromochloromethane, Methylene chloride, Tetrachloroethene, Trichloroethene, Vinyl chloride} VOA - 8260B (Add-On) {Hexane}

(2)Semi-VOA - 8270B (TCL) {2,4-Dinitrophenol, Bis(2-ethylhexyl) phthalate, Nitrobenzene, Pentachlorophenol} Semi-VOA - 8270B (Add-On) {1,4-Dioxane, Dimethoate}

(3)ICP Metals - 6010B (Supertrace) {Arsenic, Cadmium, Chromium, Lead} ICP Metals - 6010B (Supertrace Add-On) {Antimony, Manganese, Nickel, Thallium, Vanadium, Zinc}

(4)Pesticides - 8081 {Dieldrin, Heptachlor, Heptachlor epoxide}

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

TestAmerica St. Louis

'085508 **Fluor Hanford Inc.**

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F08-086-017 | PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
NCO Sampler Rosane / Herrick / White	Trent, SJ	373-5869	WIDRIG, DL	7N	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
C-C5356-S	Aquifer Tube Installation Sampling and Analysis in the 200-PO-1 OU (Shorel	F08-086	☐

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
GWJ-028	HNF-N-451-3		122588ES10	FEDERAL EXPRESS

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
TestAmerica St. Louis	See PTR 22525	See PTR 7911 4590 2992

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	031628
1TRT1	WATER	9-24-08	0855	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MAWhite MAWhite	9-24-08 / 1530	FED EX	
FedEx		[illegible] on	9-25-08 9:15

SPECIAL INSTRUCTIONS
** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
(1)ICP Metals - 6010B (Supertrace) {Arsenic, Cadmium, Chromium, Lead} ICP Metals - 6010B (Supertrace Add-On) {Antimony, Manganese, Nickel, Thallium, Vanadium, Zinc}

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	791145902992	**Reference**	PTR22525 123566 ES10
Signed for by	S.WILSON		
Ship date	Sep 24, 2008	**Destination**	EARTH CITY, MO
Delivery date	Sep 25, 2008 9:14 AM	**Delivered to**	Shipping/Receiving
		Service type	Priority Overnight
		Weight	42.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Sep 25, 2008	9:14 AM	**Delivered**	EARTH CITY, MO
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:03 AM	At local FedEx facility	EARTH CITY, MO
	5:17 AM	At dest sort facility	BERKELEY, MO
	12:37 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 24, 2008	5:00 PM	Left FedEx origin facility	PASCO, WA
	3:41 PM	Package data transmitted to FedEx	
	2:47 PM	Picked up	PASCO, WA

Signature proof | E-mail results | Track more shipments/o

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica St. Louis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FEI250165

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Condition Upon Receipt Form

Client: Hanford
Quote No: 79521
COC/RFA No: F08-0816-016, 017
Initiated By: AB
Date: 9-25-08
Time: 9:15

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1.		6.	
2.		7.	
3 FINAL	7911 4590 2992	8.	
4.		9.	
5.		10.	

Sample Temperature (s):**

1.	6	6.	
2.		7.	
3.		8.	
4.		9.	
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	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

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

Notes:

Per COC should have received 3XLG of BI TRTO (Item2) only received 2XLG. Received LG of sample ID BI TR Flo (time 08:55 date 9/24/08

Corrective Action:

- ☐ Client Contact Name: _____ Informed by: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____ If released, notify: _____
- Project Management Review: _____ Date: 09-27-08

SDG# WOR5108

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

GC/MS VOLATILES

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1TRT0

GC/MS Volatiles

Lot-Sample #...: F8I250185-001 **Work Order #...:** KXKT11AD **Matrix.....:** WATER
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08
Prep Date.....: 09/30/08 **Analysis Date..:** 09/30/08
Prep Batch #...: 8274250
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzene	ND	5.0	ug/L	0.087
Bromodichloromethane	ND	5.0	ug/L	0.21
Carbon tetrachloride	ND	5.0	ug/L	0.20
Dibromochloromethane	ND	5.0	ug/L	0.12
1,2-Dichloroethane	ND	5.0	ug/L	0.066
Methylene chloride	ND	5.0	ug/L	0.69
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.078
Tetrachloroethene	ND	5.0	ug/L	0.087
Trichloroethene	ND	5.0	ug/L	0.10
Vinyl chloride	ND	5.0	ug/L	0.11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(84 - 122)
Dibromofluoromethane	101	(81 - 125)
1,2-Dichloroethane-d4	104	(77 - 126)
4-Bromofluorobenzene	114	(82 - 116)

CH2M Hill Plateau Remediation DOE RL

B1TRT0

GC/MS Volatiles

Lot-Sample #: F8I250185-001 **Work Order #:** KXKT11AD **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 #...: F8I250185 **Work Order #...:** KXVR71AA **Matrix.....:** WATER
MB Lot-Sample #: F8I300000-250

Prep Date.....: 09/30/08
Analysis Date..: 09/30/08 **Prep Batch #...:** 8274250
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(84 - 122)
Dibromofluoromethane	103	(81 - 125)
1,2-Dichloroethane-d4	103	(77 - 126)
4-Bromofluorobenzene	116	(82 - 116)

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 #: F8I300000-250 B **Work Order #:** KXVR71AA **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 #...: F8I250185 **Work Order #...:** KXVR71AC **Matrix.....:** WATER
LCS Lot-Sample#: F8I300000-250
Prep Date.....: 09/30/08 **Analysis Date..:** 09/30/08
Prep Batch #...: 8274250
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibromochloromethane	**50.0**	**53.5**	**ug/L**	**107**	**SW846 8260B**
Vinyl chloride	**50.0**	**53.3**	**ug/L**	**107**	**SW846 8260B**
Methylene chloride	**50.0**	**56.3**	**ug/L**	**113**	**SW846 8260B**
Carbon tetrachloride	**50.0**	**51.6**	**ug/L**	**103**	**SW846 8260B**
1,2-Dichloroethane	**50.0**	**51.6**	**ug/L**	**103**	**SW846 8260B**
Benzene	**50.0**	**52.4**	**ug/L**	**105**	**SW846 8260B**
Trichloroethene	**50.0**	**51.8**	**ug/L**	**104**	**SW846 8260B**
Bromodichloromethane	**50.0**	**53.9**	**ug/L**	**108**	**SW846 8260B**
1,1,2,2-Tetrachloroethane	**50.0**	**52.4**	**ug/L**	**105**	**SW846 8260B**
Tetrachloroethene	**50.0**	**52.9**	**ug/L**	**106**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(81 - 125)
Dibromofluoromethane	101	(83 - 124)
1,2-Dichloroethane-d4	101	(76 - 124)
4-Bromofluorobenzene	111	(79 - 121)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8I250185 **Work Order #...:** KXKT11AU-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I250185-001 KXKT11AV-MSD
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08
Prep Date.....: 09/30/08 **Analysis Date..:** 09/30/08
Prep Batch #...: 8274250
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl chloride	**ND**	**50.0**	**42.0**	**ug/L**	**84**		**SW846 8260B**
	ND	**50.0**	**52.2**	**ug/L**	**104 p**	**22**	**SW846 8260B**
Methylene chloride	**ND**	**50.0**	**54.2**	**ug/L**	**108**		**SW846 8260B**
	ND	**50.0**	**59.4**	**ug/L**	**119**	**9.1**	**SW846 8260B**
Carbon tetrachloride	**ND**	**50.0**	**50.9**	**ug/L**	**102**		**SW846 8260B**
	ND	**50.0**	**48.9**	**ug/L**	**98**	**3.9**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**50.0**	**51.3**	**ug/L**	**103**		**SW846 8260B**
	ND	**50.0**	**50.0**	**ug/L**	**100**	**2.5**	**SW846 8260B**
Benzene	**ND**	**50.0**	**50.9**	**ug/L**	**102**		**SW846 8260B**
	ND	**50.0**	**50.3**	**ug/L**	**101**	**1.3**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**49.5**	**ug/L**	**99**		**SW846 8260B**
	ND	**50.0**	**49.3**	**ug/L**	**99**	**0.30**	**SW846 8260B**
Bromodichloromethane	**ND**	**50.0**	**52.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**50.0**	**49.8**	**ug/L**	**100**	**5.1**	**SW846 8260B**
1,1,2,2-Tetrachloroethane	**ND**	**50.0**	**53.8**	**ug/L**	**108**		**SW846 8260B**
	ND	**50.0**	**52.1**	**ug/L**	**104**	**3.2**	**SW846 8260B**
Tetrachloroethene	**ND**	**50.0**	**48.1**	**ug/L**	**96**		**SW846 8260B**
	ND	**50.0**	**49.1**	**ug/L**	**98**	**2.0**	**SW846 8260B**
Dibromochloromethane	**ND**	**50.0**	**51.2**	**ug/L**	**102**		**SW846 8260B**
	ND	**50.0**	**51.8**	**ug/L**	**104**	**1.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(84 - 122)
	103	(84 - 122)
Dibromofluoromethane	105	(81 - 125)
	102	(81 - 125)
1,2-Dichloroethane-d4	102	(77 - 126)
	103	(77 - 126)
4-Bromofluorobenzene	112	(82 - 116)
	109	(82 - 116)

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.

GC/MS SEMIVOLATILES

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1TRT0

GC/MS Semivolatiles

Lot-Sample #...: F8I250185-001	**Work Order #...:** KXKT11AC		**Matrix.....:** WATER	
Date Sampled...: 09/24/08	**Date Received..:** 09/25/08			
Prep Date.....: 09/29/08	**Analysis Date..:** 10/01/08			
Prep Batch #...: 8273051				
Dilution Factor: 1	**Method.....:** SW846 8270C			

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	13	ug/L	2.0
Nitrobenzene	ND	13	ug/L	1.0
2,4-Dinitrophenol	ND	66	ug/L	2.0
Dimethoate	ND	27	ug/L	1.1
Pentachlorophenol	ND	13	ug/L	2.0
bis(2-Ethylhexyl) phthalate	**5.4 J**	**13**	**ug/L**	**1.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	45	(15 - 78)
Phenol-d5	33	(15 - 63)
Nitrobenzene-d5	61	(20 - 103)
2-Fluorobiphenyl	66	(20 - 103)
2,4,6-Tribromophenol	70	(20 - 110)
Terphenyl-d14	85	(15 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

B1TRT0

GC/MS Semivolatiles

Lot-Sample #: F8I250185-001 **Work Order #:** KXKT11AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Furan, 2,5-dimethyl-	625-86-5	7.2	M	2.7738	ug/L
Unknown organic acid		5.7	M	3.0516	ug/L
Unknown		29	M	3.6286	ug/L
3-Penten-2-one, 4-methyl-	141-79-7	6.6	M	3.7408	ug/L
Unknown		8.7	M	3.9598	ug/L
Unknown aldol condensate		200	M	4.12	ug/L
Unknown		42	M	4.697	ug/L
Unknown		14	M	4.7664	ug/L
Unknown alkane		28	M	4.884	ug/L
Unknown		24	M	4.9107	ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: F8I250185 **Work Order #...:** KXRF91AA **Matrix.....:** WATER
MB Lot-Sample #: F8I290000-051

Prep Date.....: 09/29/08
Analysis Date..: 10/01/08 **Prep Batch #...:** 8273051
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	13	ug/L	SW846 8270C
Nitrobenzene	ND	13	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	66	ug/L	SW846 8270C
Dimethoate	ND	27	ug/L	SW846 8270C
Pentachlorophenol	ND	13	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	13	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	40	(15 - 78)
Phenol-d5	28	(15 - 63)
Nitrobenzene-d5	59	(20 - 103)
2-Fluorobiphenyl	61	(20 - 103)
2,4,6-Tribromophenol	69	(20 - 110)
Terphenyl-d14	91	(15 - 114)

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 Semivolatiles

Lot-Sample #: F8I290000-051 B **Work Order #:** KXRF91AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		46	M	4.1155	ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I250185 **Work Order #...:** KXRF91AC **Matrix.....:** WATER
LCS Lot-Sample#: F8I290000-051
Prep Date.....: 09/29/08 **Analysis Date..:** 10/01/08
Prep Batch #...: 8273051
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Nitrobenzene	**100**	**79.2**	**ug/L**	**79**	**SW846 8270C**
2,4-Dinitrophenol	**100**	**61.1**	**ug/L**	**61**	**SW846 8270C**
Pentachlorophenol	**100**	**66.0**	**ug/L**	**66**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**100**	**81.8**	**ug/L**	**82**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(15 - 58)
Phenol-d5	38	(10 - 39)
Nitrobenzene-d5	80	(22 - 94)
2-Fluorobiphenyl	78	(20 - 97)
2,4,6-Tribromophenol	81	(23 - 102)
Terphenyl-d14	96	(30 - 114)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I250185 **Work Order #...:** KXKT11AR-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I250185-001 KXKT11AT-MSD
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08
Prep Date.....: 09/29/08 **Analysis Date..:** 10/01/08
Prep Batch #...: 8273051
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Nitrobenzene	**ND**	**268**	**210**	**ug/L**	**79**		**SW846 8270C**
	ND	**273**	**235**	**ug/L**	**86**	**11**	**SW846 8270C**
2,4-Dinitrophenol	**ND**	**268**	**166**	**ug/L**	**62**		**SW846 8270C**
	ND	**273**	**198**	**ug/L**	**73**	**17**	**SW846 8270C**
Pentachlorophenol	**ND**	**268**	**191**	**ug/L**	**71**		**SW846 8270C**
	ND	**273**	**206**	**ug/L**	**76**	**7.8**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**5.4**	**268**	**250**	**ug/L**	**91**		**SW846 8270C**
	5.4	**273**	**247**	**ug/L**	**89**	**1.3**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(15 - 78)
	80 *	(15 - 78)
Phenol-d5	62	(15 - 63)
	66 *	(15 - 63)
Nitrobenzene-d5	77	(20 - 103)
	85	(20 - 103)
2-Fluorobiphenyl	82	(20 - 103)
	88	(20 - 103)
2,4,6-Tribromophenol	80	(20 - 110)
	84	(20 - 110)
Terphenyl-d14	97	(15 - 114)
	103	(15 - 114)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

PESTICIDES

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1TRT0

GC Semivolatiles

Lot-Sample #...: F8I250185-001	**Work Order #...:** KXKT11AE	**Matrix.....:** WATER	
Date Sampled...: 09/24/08	**Date Received..:** 09/25/08		
Prep Date.....: 09/30/08	**Analysis Date..:** 10/20/08		
Prep Batch #...: 8274342			
Dilution Factor: 1	**Method.....:** SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dieldrin	ND	0.069	ug/L	0.0023
Heptachlor	ND	0.069	ug/L	0.0025
Heptachlor epoxide	ND	0.069	ug/L	0.0032

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63 *	(72 - 135)
Decachlorobiphenyl	87	(68 - 133)

NOTE(S):

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: F8I250185 **Work Order #...:** KXXDM1AA **Matrix.....:** WATER
MB Lot-Sample #: F8I300000-342
Prep Date.....: 09/30/08
Analysis Date..: 10/19/08 **Prep Batch #...:** 8274342
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dieldrin	ND	0.069	ug/L	SW846 8081A
Heptachlor	ND	0.069	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.069	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(72 - 135)
Decachlorobiphenyl	101	(68 - 133)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: F8I250185 Work Order #...: KXXDM1AC Matrix.....: WATER
LCS Lot-Sample#: F8I300000-342
Prep Date.....: 09/30/08 Analysis Date..: 10/20/08
Prep Batch #...: 8274342
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Heptachlor	**0.500**	**0.449**	**ug/L**	**90**	**SW846 8081A**
Dieldrin	**0.500**	**0.469**	**ug/L**	**94**	**SW846 8081A**
Heptachlor epoxide	**0.500**	**0.459**	**ug/L**	**92**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(65 - 140)
Decachlorobiphenyl	96	(66 - 137)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: F8I250185 Work Order #...: KXKT11CK-MS Matrix.....: WATER
MS Lot-Sample #: F8I250185-001 KXKT11CL-MSD
Date Sampled...: 09/24/08 Date Received..: 09/25/08
Prep Date.....: 09/30/08 Analysis Date..: 10/20/08
Prep Batch #...: 8274342
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Heptachlor	**ND**	**1.46**	**2.07**	**ug/L**	**142**		**SW846 8081A**
	ND	**1.51**	**1.47**	**ug/L**	**97 p**	**34**	**SW846 8081A**
Dieldrin	**ND**	**1.46**	**1.30**	**ug/L**	**89**		**SW846 8081A**
	ND	**1.51**	**1.52**	**ug/L**	**101**	**15**	**SW846 8081A**
Heptachlor epoxide	**ND**	**1.46**	**1.32**	**ug/L**	**90**		**SW846 8081A**
	ND	**1.51**	**1.49**	**ug/L**	**99**	**13**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(72 - 135)
	97	(72 - 135)
Decachlorobiphenyl	90	(68 - 133)
	100	(68 - 133)

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.

METALS

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1TRT0

DISSOLVED Metals

Lot-Sample #...: F8I250185-001 **Matrix.....:** WATER
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8275114						
Arsenic	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AG
		Dilution Factor: 1		MDL.....: 2.0		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AK
		Dilution Factor: 1		MDL.....: 0.45		
Chromium	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AQ
		Dilution Factor: 1		MDL.....: 3.1		
Manganese	**63.5**	**15.0**	**ug/L**	**SW846 6010B**	**09/30-10/02/08**	**KXKT11AL**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AM
		Dilution Factor: 1		MDL.....: 13.3		
Lead	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AH
		Dilution Factor: 1		MDL.....: 1.3		
Antimony	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AF
		Dilution Factor: 1		MDL.....: 4.0		
Thallium	ND	20.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AJ
		Dilution Factor: 1		MDL.....: 0.88		
Vanadium	**6.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/30-10/02/08**	**KXKT11AN**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/30-10/02/08	KXKT11AP
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

CH2M Hill Plateau Remediation DOE RL

Client Sample ID: B1TRT1

DISSOLVED Metals

Lot-Sample #...: F8I250185-002 Matrix.....: WATER
Date Sampled...: 09/24/08 Date Received..: 09/25/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8275114						
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 2.0	09/30-10/02/08	KXL5T1AC
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.45	09/30-10/02/08	KXL5T1AF
Chromium	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 3.1	09/30-10/02/08	KXL5T1AL
Manganese	**59.7**	**15.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.96	**09/30-10/02/08**	**KXL5T1AG**
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 13.3	09/30-10/02/08	KXL5T1AH
Lead	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 1.3	09/30-10/02/08	KXL5T1AD
Antimony	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	09/30-10/02/08	KXL5T1AA
Thallium	ND	20.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.88	09/30-10/02/08	KXL5T1AE
Vanadium	**5.4 B**	**50.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 4.1	**09/30-10/02/08**	**KXL5T1AJ**
Zinc	**9.4 B**	**20.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 5.2	**09/30-10/02/08**	**KXL5T1AK**

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F8I250185 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8J010000-114 **Prep Batch #...:** 8275114						
Antimony	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AA
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AC
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AL
		Dilution Factor: 1				
Lead	ND	10.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AD
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AG
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AH
		Dilution Factor: 1				
Thallium	ND	20.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AJ
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/30-10/02/08	KXXHV1AK
		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 #...: F8I250185 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8J010000-114 **Prep Batch #...:** 8275114							
Antimony	500	526	ug/L	105	SW846 6010B	09/30-10/02/08	KXXHV1AM
			Dilution Factor: 1				
Arsenic	500	522	ug/L	104	SW846 6010B	09/30-10/02/08	KXXHV1AN
			Dilution Factor: 1				
Lead	500	519	ug/L	104	SW846 6010B	09/30-10/02/08	KXXHV1AP
			Dilution Factor: 1				
Thallium	500	521	ug/L	104	SW846 6010B	09/30-10/02/08	KXXHV1AQ
			Dilution Factor: 1				
Cadmium	500	534	ug/L	107	SW846 6010B	09/30-10/02/08	KXXHV1AR
			Dilution Factor: 1				
Manganese	500	532	ug/L	106	SW846 6010B	09/30-10/02/08	KXXHV1AT
			Dilution Factor: 1				
Nickel	500	523	ug/L	105	SW846 6010B	09/30-10/02/08	KXXHV1AU
			Dilution Factor: 1				
Vanadium	500	525	ug/L	105	SW846 6010B	09/30-10/02/08	KXXHV1AV
			Dilution Factor: 1				
Zinc	500	560	ug/L	112	SW846 6010B	09/30-10/02/08	KXXHV1AW
			Dilution Factor: 1				
Chromium	500	515	ug/L	103	SW846 6010B	09/30-10/02/08	KXXHV1AX
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F8I250185 **Matrix.....:** WATER
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I250185-001 **Prep Batch #...:** 8275114									
Antimony									
	ND	250	260	ug/L	104		SW846 6010B	09/30-10/02/08	KXKT11AW
	ND	250	249	ug/L	100	4.1	SW846 6010B	09/30-10/02/08	KXKT11AX
			Dilution Factor: 1						
Arsenic									
	ND	1000	1060	ug/L	106		SW846 6010B	09/30-10/02/08	KXKT11A0
	ND	1000	1020	ug/L	102	3.6	SW846 6010B	09/30-10/02/08	KXKT11A1
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.6	ug/L	102		SW846 6010B	09/30-10/02/08	KXKT11A6
	ND	25.0	24.6	ug/L	98	3.9	SW846 6010B	09/30-10/02/08	KXKT11A7
			Dilution Factor: 1						
Chromium									
	ND	100	102	ug/L	102		SW846 6010B	09/30-10/02/08	KXKT11CH
	ND	100	98.2	ug/L	98	3.6	SW846 6010B	09/30-10/02/08	KXKT11CJ
			Dilution Factor: 1						
Lead									
	ND	250	257	ug/L	103		SW846 6010B	09/30-10/02/08	KXKT11A2
	ND	250	248	ug/L	99	3.5	SW846 6010B	09/30-10/02/08	KXKT11A3
			Dilution Factor: 1						
Manganese									
	63.5	250	329	ug/L	106		SW846 6010B	09/30-10/02/08	KXKT11A8
	63.5	250	320	ug/L	103	2.6	SW846 6010B	09/30-10/02/08	KXKT11A9
			Dilution Factor: 1						
Nickel									
	ND	250	256	ug/L	102		SW846 6010B	09/30-10/02/08	KXKT11CA
	ND	250	246	ug/L	98	4.0	SW846 6010B	09/30-10/02/08	KXKT11CC
			Dilution Factor: 1						
Thallium									
	ND	1000	1040	ug/L	104		SW846 6010B	09/30-10/02/08	KXKT11A4
	ND	1000	1000	ug/L	100	3.7	SW846 6010B	09/30-10/02/08	KXKT11A5
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F8I250185 **Matrix.....:** WATER
Date Sampled...: 09/24/08 **Date Received..:** 09/25/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	6.7	250	270	ug/L	105		SW846 6010B	09/30-10/02/08	KXKT11CD
	6.7	250	261	ug/L	102	3.5	SW846 6010B	09/30-10/02/08	KXKT11CE
			Dilution Factor: 1						
Zinc									
	ND	250	283	ug/L	113		SW846 6010B	09/30-10/02/08	KXKT11CF
	ND	250	274	ug/L	110	3.3	SW846 6010B	09/30-10/02/08	KXKT11CG
			Dilution Factor: 1						

NOTE(S):

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