RECEIVED FEBRUARY 29, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

G08-012

Lot #: F8A300219
SDG #: SL726

Steve Trent

Fluor Hanford Inc
PO Box 1000
MSIN E6-35
Richland, WA 99352

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

February 28, 2008

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford, Inc.
P.O. Box 1000
MSIN E6-35
Richland, Washington 99352
January 31, 2008
Attention: Steve Trent

SDG	: SL726
Number of Samples	: 31 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: February 12, 2008

II. Introduction

Between between January 30, 2008 and February 11, 2008, thirty one (31) samples 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.

The container for Mercury analysis for sample B1RVY9 was received broken. Per IRF # 08-015, the Mercury analysis for this sample was cancelled. See the attached IRF.

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: G08-012, W08-001, and S08-012

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.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
February 29, 2008
SDG: SL726

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.

Phenols

Batch: 8043272

The surrogate recoveries for 2,4,6-Tribromophenol in sample F8B110164-002 and both 2,4,6-Tribromophenol and 2-Fluorophenol in sample F8B110164-004 are outside the upper QC limit, indicating a potential positive bias. There were no target analytes observed above the reporting limit in the sample; therefore the sample data was not adversely affected by this excursion.
Affected Samples:
F8B110164 (2): B1RW43
F8B110164 (4): B1RW27

The closing CCV recovery for OCAL021 was outside the upper QC limit (greater than 15% RSD) for 2,3,4,6-Tetrachlorophenol, 4,6-dinitro-o-Cresol, and Dinoseb indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.
Affected Samples:
F8B110164 (2): B1RW43
F8B110164 (4): B1RW27
F8B110164 (6): B1RW23
F8B110168 (2): B1RVW5
F8B110168 (4): B1RW55
F8B110168 (6): B1RW59

The ICV recovery was outside the upper QC limits (greater than 15% D) for 2-Chlorophenol, m,p-Cresol, 2-Nitrophenol, 2,6-Dichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 4-Nitrophenol, 2,4-Dinitrophenol, 4,6-dinitro-o-Cresol, and Dinoseb indicating a potential high bias for these analytes in the associated samples. These analytes were not detected above the reporting limits in the associated samples thus this excursion does not affect the data results.
Affected Samples:
F8B110164 (2): B1RW43
F8B110164 (4): B1RW27
F8B110164 (6): B1RW23
F8B110168 (2): B1RVW5
F8B110168 (4): B1RW55
F8B110168 (6): B1RW59

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
February 29, 2008
SDG: SL726

Batch: 8038104

The closing CCV recovery was outside the upper QC limit (greater than 15% RSD) for 2,4-dinitro-o-Cresol and Dinoseb indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.
Affected Samples:
F8B050233 (1): B1RVB8
F8B050233 (2): B1RVD0
F8B050233 (4): B1RVV3
F8B060253 (2): B1RVX7
F8B070155 (2): B1RVY9
F8B070155 (4): B1RW11

The MS recovery for 4-Nitrophenol is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. The surrogate recovery for 2,4,6-Tribromophenol in the MS is outside acceptable QC limits, but acceptable in the samples and MSD indicating that this surrogate excursion is isolated to the MS and not indicative of the batch. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F8B050233 (1): B1RVB8
F8B050233 (2): B1RVD0
F8B050233 (4): B1RVV3
F8B060253 (2): B1RVX7
F8B070155 (2): B1RVY9
F8B070155 (4): B1RW11

There were no observations or nonconformances for the following methods:

Mercury
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**

STL – St Louis ISSUE RESOLUTION FORM FOR CONTRACT 615 WITH BHI/WMH/PNNL

PNNL TRACKING NUMBER: 08-015

Date: Feb. 04 2008 SAF Nos. W08-001

SDG: **SL726** LOGIN No.: TEST: Mercury

Sample No.(s) B1RVY9

Submitted By: Mike Franks Submitted To: Heidi Hampt

Phone No. 314-298-8566 x206 Phone No. 509-376-4319

Fax No. 314-298-8757 Fax No. 866-252-5816

ISSUE	PROPOSED RESOLUTION
The container for Mercury analysis was received broken. Only other containers received for this sample are for 8040_Phenol (different preservative) and Activity Screen (no preservative and insufficient volume for Hg analysis)	1) Cancel HG analysis for this sample. Noted accordingly in the case narrative. 2) Supply another container for the sample.

BHI/WMH/PNNL COMMENTS

Accept proposed resolution 1 – cancel the analysis.

Heidi Hampt 2/7/08
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL726

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Phenols by GC	SW846 8040A	SW846 3520

References:

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

SAMPLE SUMMARY

SL726 : F8A300219

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGAPC	001	B1R9M1	01/24/08	12:31
KGAPF	002	B1R9M2	01/24/08	12:31

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

SL726 : F8A300223

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGAPK	001	B1RVF2	01/25/08	12:01

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL726 : F8B050233

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGKMC	001	B1RVB8	02/01/08	11:57
KGKMK	002	B1RVD0	02/04/08	09:02
KGKMQ	003	B1RVV2	01/31/08	11:28
KGKM0	004	B1RVV3	01/31/08	11:28

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

(Continued on next page)

SAMPLE SUMMARY

SL726 : F8B060253

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGMPD	001	B1RVX6	02/05/08	11:41
KGMPG	002	B1RVX7	02/05/08	11:41

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL726 : F8B070155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGN8H	001	B1RVY8	01/30/08	14:24
KGN8M	002	B1RVY9	01/30/08	14:24
KGN8P	003	B1RW10	01/30/08	10:39
KGN8W	004	B1RW11	01/30/08	10:39

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL726 : F8B070315

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGQH0	001	B1RCL3	02/06/08	08:15
KGQH5	002	B1RCL4	02/06/08	08:15
KGQH9	003	B1RCK7	02/06/08	12:14
KGQJC	004	B1RCK8	02/06/08	12:14

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL726 : F8B110164

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGW5C	001	B1RW42	02/06/08	11:06
KGW5D	002	B1RW43	02/06/08	11:06
KGW5F	003	B1RW26	02/06/08	09:33
KGW5H	004	B1RW27	02/06/08	09:33
KGW5N	005	B1RW22	02/06/08	09:33
KGW5T	006	B1RW23	02/06/08	09:33

NOTE(S):

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- 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

SL726 : F8B110168

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KGW6E	001	B1RVW4	02/06/08	14:46
KGW6F	002	B1RVW5	02/06/08	14:46
KGW6L	003	B1RW54	02/06/08	12:48
KGW6Q	004	B1RW55	02/06/08	12:48
KGW60	005	B1RW58	02/06/08	12:48
KGW62	006	B1RW59	02/06/08	12:48
KGW67	007	B1RCH7	02/06/08	11:40
KGW7C	008	B1RCH8	02/06/08	11:40

NOTE(S):

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- 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.

FLUOR HANFORD

CVR 1806

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G08-012-58**

Page 1 of 1

Collector: Josh Herrick	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: G08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: INR2-RB, DECEMBER 2007	HNF-N-506-14	Ice Chest No.: 31201 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 79249606 8140
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** Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R9M1 (F)		W	1-24-08	1231	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9M2		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9M2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Josh Herrick	1-29-08/1100	JG HOGAN	1-29-08/1100
JG HOGAN	1-29-08/1430	FEDEX	
FEDEX	1-30-08 09:15		1-30-08/0915

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

SDG # S[illegible]

TestAmerica St. Louis

Page 1 of 18

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792496068140	**Reference**	031201
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jan 29, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Jan 30, 2008 9:18 AM	**Service type**	Priority Overnight
		Weight	38.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jan 30, 2008	9:18 AM	**Delivered**	Earth City, MO	
	7:31 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:23 AM	At local FedEx facility	EARTH CITY, MO	
	6:30 AM	At dest sort facility	BERKELEY, MO	
	4:26 AM	Departed FedEx location	MEMPHIS, TN	
	3:04 AM	Arrived at FedEx location	MEMPHIS, TN	
Jan 29, 2008	4:47 PM	Left origin	PASCO, WA	
	3:19 PM	Picked up	PASCO, WA	
	1:41 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1806 - Lot #(s): F8A300219
223

Condition Upon Receipt Form

Client: Hanford
Quote No: 77932, 78052
COC/RFA No: W08001-118, G08-012-58
Initiated By: MH
Date: 1-30-08
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7924 9606 8140
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: Times do not match for Sample B1R9M1. COC says 1231 but the labels say 0931
Log per COC per Mike Franks

G08-012-58

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 02-12-08

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.

FLUOR HANFORD

SL 726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-178

Page 1 of 1

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506 14	Ice Chest No.: 031201 Temp.: 6°C JA 1-29-08
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7924960685140
Protocol: RCRA	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 reasonable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RVF2		W	1-25-08	1201	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RVF2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN			1-29-08 1400	JA 1-29-08 FED EX	JG HOGAN		1-29-08 1400
JG HOGAN			1-29-08/1430	FEDEX			
FEDEX			1-30-08 09:15				1-30-08/0915
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil	DS = Drum Solid		
SE = Sediment	DL = Drum Liqui		
SO = Solid	T = Tissue		
SL = Sludge	WI = 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

SDG # 9 of 118

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792496068140	**Reference**	031201
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jan 29, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Jan 30, 2008 9:18 AM	**Service type**	Priority Overnight
		Weight	38.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jan 30, 2008	9:18 AM	**Delivered**	Earth City, MO	
	7:31 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:23 AM	At local FedEx facility	EARTH CITY, MO	
	6:30 AM	At dest sort facility	BERKELEY, MO	
	4:26 AM	Departed FedEx location	MEMPHIS, TN	
	3:04 AM	Arrived at FedEx location	MEMPHIS, TN	
Jan 29, 2008	4:47 PM	Left origin	PASCO, WA	
	3:19 PM	Picked up	PASCO, WA	
	1:41 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1806 - Lot #(s): F8A300219 (223)

Condition Upon Receipt Form

Client: Hanford
Quote No: 77932, 76052
COC/RFA No: W08001-118, G08-012-58
Initiated By: TH
Date: 1-30-08
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7924 9606 8140
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: Times do not match for Sample B1R9M1. COC says 1231 but the labels say 0931
Log per COC per Mike Franks

W08-001-178

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 02-13-08

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 # SL726

CUR 1844

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-001-162**

Page 1 of 1

FLUOR HANFORD		
Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
RF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506 14	Ice Chest No.: GRP-03-012 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 4261 2595
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
1RVB8		W	2-1-08	1157	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
1RVB8		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN	Ron F Carrigan		1400 2-4-08	FED EX			
Relinquished By: FED EX			Date/Time: 2-5-08 09:15	Received By: M. Hilgir			Date/Time: 2-5-08 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

21 0118

FLOOR HANNFORD

SPG # SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-170

Page 1 of 1

Collector D. J. Sparks	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
AF No. W08-001	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, JANUARY 2008	HNF-N-506-11	Ice Chest No. GRP 03-012 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7926 4261 2595
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RVD0		W	2-4-08	0902	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RVD0		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			2-4-08 1400	Fedex			
Relinquished By			Date/Time	Received By			Date/Time
FED Ex			2-5-08 0915	Michael Higer			02-05-08 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

FLOOR HANFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-001-80**

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506-14	Ice Chest No.: GRP-03012 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 4261 2595
Protocol: RCRA	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 reasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RVV2 (F)		W	1/31/08	1129	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RVV3		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RVV3		W			1x20-mL P	Activity Scan	None
31RVV3		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	D. J. Sparks		2-4-08 940 JAN 3 1 2008	FEd EX			
Relinquished By			Date/Time 31-08	Received By			Date/Time
FED EX			2-5-08 09:15	Michael Hilger			02-05-08 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liqui
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= 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

SDG # 0717 Page 3 of 118

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792642612595	**Reference**	GRP-03-012
Signed for by	M.HELGER	**Destination**	Earth City, MO
Ship date	Feb 4, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 5, 2008 9:17 AM	**Service type**	Priority Overnight
		Weight	81.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 5, 2008	9:17 AM	**Delivered**	Earth City, MO	
	6:44 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:40 AM	At local FedEx facility	EARTH CITY, MO	
	5:22 AM	At dest sort facility	BERKELEY, MO	
	4:19 AM	Departed FedEx location	MEMPHIS, TN	
	12:53 AM	Arrived at FedEx location	MEMPHIS, TN	
Feb 4, 2008	5:08 PM	Left origin	PASCO, WA	
	3:58 PM	Picked up	PASCO, WA	
	1:43 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1844 - Lot #(s): F8B050233

Condition Upon Receipt Form

Client: Hanford
Quote No: 78052
COC/RFA No: W08-001-162,170,80
Initiated By: [illegible]
Date: 2-5-08
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*

1.	7926 4261 2595	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

Multiple Packages Y (N)
Sample Temperature (s):**

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

**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:

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: [illegible] Date: 02-13-08

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.

FLOOR HANFORD

SL726

Cur 1997

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-92

Page 1 of 1

Collector: R. D. Julian	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506 12	Ice Chest No.: GEL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7918446605025
Protocol: RCRA	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 reasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RVX6 (F)		W	2-5-08	1141	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RVX7		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RVX7		W			1x20-mL P	Activity Scan	None
31RVX7		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. D. Julian			FEB 05 2008	FED EX			FEB 05 2008
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			2-6-08 09:00	Angela Brunson		ABrunson	2/6/08 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791844605025	**Reference**	GEL
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Feb 5, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 6, 2008 9:04 AM	**Service type**	Priority Overnight
		Weight	34.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 6, 2008	9:04 AM	**Delivered**	Earth City, MO	
	7:35 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:30 AM	At local FedEx facility	EARTH CITY, MO	
	6:23 AM	At dest sort facility	BERKELEY, MO	
	4:46 AM	Departed FedEx location	MEMPHIS, TN	
	1:20 AM	Arrived at FedEx location	MEMPHIS, TN	
Feb 5, 2008	4:50 PM	Left origin	PASCO, WA	
	3:42 PM	Picked up	PASCO, WA	
	3:19 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1997 - Lot #(s): F8B060253

Condition Upon Receipt Form

Client: Flwor Hanford COC/RFA No: W08-001-92 Date: 2-6-08
Quote No: 78052 Initiated By: AB Time: 9:00

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1. 7918 4460 5025	6.	1. 2	6.
2.	7.	2.	7.
3.	8.	3.	8.
4.	9.	4.	9.
5.	10.	5.	10.

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below) AB 2-8-08
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:

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

Project Management Review: Date: 02-13-08

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.

FLUOR HANFORD

SDG # SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-98

Page 1 of 1

Collector: KARL HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JANUARY 2008	1fN F-W-506-14	Ice Chest No. SAWS 1B Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7968-6392-1203
Protocol: RCRA	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 easable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RVY8 (F)		W	1-30-08	1424	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RVY9		W		2	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RVY9		W			1x20-mL P	Activity Scan	None
31RVY9		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
				AB 2/7/08	Broken		

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
KARL HULSE				FEd EX			
FEDEX			2-1-08 12:00				

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

FLOOR HANFORD

SDG # SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-104

Page 1 of 1

Collector: KARL HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HWF-W-506-14	Ice Chest No.: SAW5 118 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7968-6392-1203
Protocol: RCRA	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
Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RW10 (F)		W	1/30/08	1639	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RW11		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RW11		W			1x20-mL P	Activity Scan	None
B1RW11		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
KARL HULSE	JAN 30 2008 1-30-08	FED EX	
FED EX	2-1-08 12:00		1200 2-1-08

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

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798863921203	**Reference**	SAWS-118
Signed for by	A.BUSON	**Destination**	Earth City, MO
Ship date	Jan 31, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 1, 2008 11:52 AM	**Service type**	Priority Overnight
		Weight	46.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 1, 2008	11:52 AM	**Delivered**	Earth City, MO	
	9:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	9:09 AM	At local FedEx facility	EARTH CITY, MO	
	6:24 AM	At dest sort facility	BERKELEY, MO	
	5:32 AM	Departed FedEx location	MEMPHIS, TN	
	3:33 AM	In transit	MEMPHIS, TN	
	1:37 AM	Arrived at FedEx location	MEMPHIS, TN	
Jan 31, 2008	5:09 PM	Left origin	PASCO, WA	
	4:03 PM	Picked up	PASCO, WA	
	10:52 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1823 - Lot #(s): F8B070155

Condition Upon Receipt Form

Client: Hanford
Quote No: 78052
COC/RFA No: W08-001-98, -104
Initiated By: [illegible]
Date: 2-1-08
Time: 1200

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1.	7988 6392 1203	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

Sample Temperature (s):**

1.	2	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: Received B1RV79 1Lg and 500g Broken
Sample B1RW11 was received with PH of 5
Added 6mils of HNO_3 from lot E06062 to sample B1RW11
per Mike Franks

Mercury Analysis on sample B1RV79 cancelled - see IRF

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: [illegible] Date: 02-13-08

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 # SL726

FIOR HANHORD

SL726

COR PHS

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-012-386

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: S08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, DECEMBER 2007	HNF-N-506 12	Ice Chest No.: GRP 06-004 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7988 6868 6281
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** Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RCL3 (F)		W	2-6-08	0815	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RCL4		W	↓	↓	1x20-mL P	Activity Scan	None
B1RCL4		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			FEB 0 6 2008 1400	FED EX			
FEDEX			2-7-08 09:30	M.H			2-7-08 0930

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

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SDG # SL726

FLOOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S08-012-385**

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. DECEMBER 2007	HNF-N-506 12	Ice Chest No.: GRP 06-004 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 798868686281
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RCK7 (F)		W	2-6-08	1214	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RCK8		W	↓	↓	1x20-mL P	Activity Scan	None
B1RCK8		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			FEB 0 6 2008 1400	FED EX			
FEDEX			2-7-08 09:30				2-7-08 0930

Matrix *

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

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

TestAmerica St. Louis

SDG 3 of 18

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798868686281	**Reference**	GRP-06-004
Signed for by	M.HELGER	**Destination**	Earth City, MO
Ship date	Feb 6, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 7, 2008 9:22 AM	**Service type**	Priority Overnight
		Weight	30.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 7, 2008	9:22 AM	**Delivered**	Earth City, MO	
	6:44 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:39 AM	At local FedEx facility	EARTH CITY, MO	
	5:24 AM	At dest sort facility	BERKELEY, MO	
	4:34 AM	Departed FedEx location	MEMPHIS, TN	
Feb 6, 2008	5:06 PM	Left origin	PASCO, WA	
	4:04 PM	Package data transmitted to FedEx		
	3:39 PM	Picked up	PASCO, WA	

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1945 - Lot #(s): FBB070315

Condition Upon Receipt Form

Client: Hanford
Quote No: 77930
COC/RFA No: 508-012-385, 386
Initiated By: TKH
Date: 2-7-08
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7988 6868 6281
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**

1. 20
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

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: 02-13-08

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.

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-116

Page 1 of 1

Collector: K. B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JANUARY 2008	HNF-W-5674	Ice Chest No.: EBC-02-B03 Temp.: 7.9 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 0146 5314
Protocol: RCRA	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 reasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RW42 (F)		W	2/6/08	1106	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RW43		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RW43		W			1x20-mL P	Activity Scan	None
31RW43		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K. B. HULSE			2/7/08 1400	FEd Ex			
Relinquished By: FEd Ex			Date/Time: 2-11-08 07:20	Received By: B-21			Date/Time: 2/11/8 0920
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDS # S7226

TestAmerica St. Louis

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SDG # S7296

FLUOR HANNFORD

SL-726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-111

Page 1 of 1

Collector: K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JANUARY 2008	HWF-W-506-14	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 0146 5314
Protocol: RCRA	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
Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RW26 (F)		W	2-6-08	0933	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RW27		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RW27		W			1x20-mL P	Activity Scan	None
B1RW27		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.B. HULSE			2/7/08 1400	FEDEX			
FEDEX			2-11-08 0920				2/11/08 0920

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 # S7236

FLOOR HANFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-110

Page 1 of 1

Collector: K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HWF-N-506-14	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 0146 5314
Protocol: RCRA	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 Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RW22 (F)		W	2/6/08	0933	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RW23		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RW23		W			1x20-mL P	Activity Scan	None
B1RW23		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.B. HULSE			2/7/08 1400	FEd Ex			
FED Ex			2-11-08 09:30				2/11/08 0920

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

Quick Help

Tracking number	792001465314	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Feb 7, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 8, 2008 9:18 AM	**Service type**	Priority Overnight
		Weight	79.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 8, 2008	9:18 AM	**Delivered**	Earth City, MO	
	7:42 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:35 AM	At local FedEx facility	EARTH CITY, MO	
	5:40 AM	At dest sort facility	BERKELEY, MO	
	3:50 AM	Departed FedEx location	MEMPHIS, TN	
	12:42 AM	Arrived at FedEx location	MEMPHIS, TN	
Feb 7, 2008	5:15 PM	Left origin	PASCO, WA	
	3:56 PM	Picked up	PASCO, WA	
	10:40 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1906 - Lot #(s): F8B110164

Condition Upon Receipt Form

Client: Hanford
Quote No: 78052
COC/RFA No: See below
Initiated By: GD
Date: 2/11/08
Time: 0920

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7997 9812 6598
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: * Received chains for W08-001-116-111 & 110, received samples for S08-012-345, W08-001-123, 122, 86

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 02-13-08

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 # SL726

FLOOR HANNFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-001-86**

Page 1 of 1

Collector K.B. HULSE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
AF No. W08-001	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, JANUARY 2008	HNF-N-566-14	**Ice Chest No.** SML-137 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7992 9812 6598
Protocol RCRA	**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** Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RVW4 (F)		W	2/6/08	1446	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RVW5		W	↓	↓	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RVW5		W	↓	↓	1x20-mL P	Activity Scan	None
31RVW5		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.B. HULSE		[signature]	2/7/08 1400	FEdEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			2-8-08 09:20	[signature]			2/8/08 0920
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liqui
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= 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

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SDG # SL726

FLUOR HANNFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-001-122**

Page 1 of 1

Collector: K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506-14	Ice Chest No. SML-137 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7987 9812 6598
Protocol: RCRA	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** Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RW54 (F)		W	2/6/08	1248	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RW55		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RW55		W			1x20-mL P	Activity Scan	None
B1RW55		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
K.B. HULSE	2/7/08 1400	FED EX	
FEDEX	2-8-08 09:00		2/8/08 0920

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 # SL726

FLUOR HANFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-001-123**

Page 1 of 1

Collector: K.R. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HWF-N-506-14	Ice Chest No.: SML-137 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7997 9812 6598
Protocol: RCRA	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** Total Activity Exemption: Yes ☑ No ☐
Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RW58 (F)		W	2/6/08	1248	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
31RW59		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
31RW59		W			1x20-mL P	Activity Scan	None
31RW59		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
K.R. HULSE / [signature]	2/7/08 1400	FED EX	
RDFx	2-8-08 09:20	[signature]	2/8/08 0920

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

441 0718

FLOOR HANFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S08-012-365**

Page 1 of 1

ollector D. J. Sparks	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
AF No. S08-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
roject Title SURV DECEMBER 2007	HNF-N-506-11	Ice Chest No. ~~[illegible]~~ / SML 137 Temp. 6.7
inned To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7997 9812 6588
rotocol SURV	Priority: 45 Days	Offsite Property No. N/A

OSSIBLE SAMPLE HAZARDS/REMARKS
* **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
31RCH7 (F)		W	2-6-08	1140	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
31RCH8		W	↓	↓	1x20-mL P	Activity Scan	None
31RCH8		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			2/7/08 0800	KB Hulse			2/7/08 0800
Relinquished By			Date/Time	Received By			Date/Time
KB Hulse			2/7/08 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			2-8-08 0900	B-N			2/8/08 0920
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = 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

SDG # S2[illegible]

TestAmerica St. Louis

4 of 18

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799798126598	**Reference**	SML-137
Signed for by	A.BUNSON	**Destination**	Earth City, MO
Ship date	Feb 7, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 11, 2008 9:12 AM	**Service type**	Priority Overnight
		Weight	67.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 11, 2008	9:12 AM	**Delivered**	Earth City, MO	
	6:04 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	5:57 AM	At local FedEx facility	EARTH CITY, MO	
Feb 9, 2008	5:12 AM	At dest sort facility	BERKELEY, MO	
	4:19 AM	Departed FedEx location	MEMPHIS, TN	
Feb 7, 2008	5:15 PM	Left origin	PASCO, WA	
	3:56 PM	Picked up	PASCO, WA	
	10:42 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1907 - Lot #(s): F8B110168

Condition Upon Receipt Form

Client: Hanford
Quote No: 78052
COC/RFA No: See below
Initiated By: BD
Date: 2/13/08
Time: 0800

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7920 0146 5314
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
* Received chains for SOB-012-365, WOB-001-123, 122 & 86,
Received samples for WOB-001-116, 111 & 110

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Michelle Date: 02-13-08

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 # SL726

FLUOR HANHFORD

SL726

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-292

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: S08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. OCTOBER 2007	HNF-N-506-15	Ice Chest No. GRP-05-001 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7909 3664 7214
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 Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2B5		W	2-11-08	1413	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R2B5		W	1	1	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	FEB 11 2008 1400	FedEx	
FedEx	2-12-08 10:20		02/12/08 1020

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

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790936647214	**Reference**	GRP-05-001
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Feb 11, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 12, 2008 10:17 AM	**Service type**	Priority Overnight
		Weight	25.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 12, 2008	10:17 AM	**Delivered**	Earth City, MO	
	7:14 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:09 AM	At local FedEx facility	EARTH CITY, MO	
	6:12 AM	At dest sort facility	BERKELEY, MO	
	4:39 AM	Departed FedEx location	MEMPHIS, TN	
	1:09 AM	Arrived at FedEx location	MEMPHIS, TN	
Feb 11, 2008	5:09 PM	Left origin	PASCO, WA	
	4:07 PM	Picked up	PASCO, WA	
	2:24 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

E-mail address	**Language**	**Exception updates**	**Delivery 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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2035 - Lot #(s): F8B120244, 248, 130118

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: W08-012-107; see below Date: 02.12.08
Quote No: 77381, 77929 Initiated By: Time: 1020

Shipping Information

Shipper Name: FedEx
Multiple Packages (Y) N

Shipping # (s):*
1. 7918 4738 6990
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
508-010-292
X08-024-49, 54

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 02-13-08

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.

PHENOLS BY GC

Fluor Hanford Inc

Client Sample ID: B1RVF2

GC Semivolatiles

Lot-Sample #...: F8A300223-001 **Work Order #...:** KGAPK1AC **Matrix.....:** WATER
Date Sampled...: 01/25/08 **Date Received..:** 01/30/08
Prep Date.....: 02/01/08 **Analysis Date..:** 02/13/08
Prep Batch #...: 8033021
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(44 - 110)
2-Fluorophenol	63	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVB8

GC Semivolatiles

Lot-Sample #...: F8B050233-001 **Work Order #...:** KGKMC1AC **Matrix.....:** WATER
Date Sampled...: 02/01/08 **Date Received..:** 02/05/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	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	96	(44 - 110)
2-Fluorophenol	82	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVD0

GC Semivolatiles

Lot-Sample #...: F8B050233-002 **Work Order #...:** KGKMK1AC **Matrix.....:** WATER
Date Sampled...: 02/04/08 **Date Received..:** 02/05/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	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	84	(44 - 110)
2-Fluorophenol	67	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVV3

GC Semivolatiles

Lot-Sample #...: F8B050233-004 **Work Order #...:** KGKM01AC **Matrix.....:** WATER
Date Sampled...: 01/31/08 **Date Received..:** 02/05/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	100	(44 - 110)
2-Fluorophenol	79	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVX7

GC Semivolatiles

Lot-Sample #...: F8B060253-002 **Work Order #...:** KGMPG1AC **Matrix.....:** WATER
Date Sampled...: 02/05/08 **Date Received..:** 02/06/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(44 - 110)
2-Fluorophenol	80	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVY9

GC Semivolatiles

Lot-Sample #...: F8B070155-002 **Work Order #...:** KGN8M1AC **Matrix.....:** WATER
Date Sampled...: 01/30/08 **Date Received..:** 02/01/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	108	(44 - 110)
2-Fluorophenol	80	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RW11

GC Semivolatiles

Lot-Sample #...: F8B070155-004 **Work Order #...:** KGN8W1AC **Matrix.....:** WATER
Date Sampled...: 01/30/08 **Date Received..:** 02/01/08
Prep Date.....: 02/07/08 **Analysis Date..:** 02/25/08
Prep Batch #...: 8038104
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	103	(44 - 110)
2-Fluorophenol	80	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RW43

GC Semivolatiles

Lot-Sample #...: F8B110164-002 **Work Order #...:** KGW5D1AE **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	113 *	(44 - 110)
2-Fluorophenol	93	(37 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1RW27

GC Semivolatiles

Lot-Sample #...: F8B110164-004 **Work Order #...:** KGW5H1AA **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	112 *	(44 - 110)
2-Fluorophenol	101 *	(37 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1RW23

GC Semivolatiles

Lot-Sample #...: F8B110164-006 **Work Order #...:** KGW5T1AC **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	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	98	(44 - 110)
2-Fluorophenol	84	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVW5

GC Semivolatiles

Lot-Sample #...: F8B110168-002 **Work Order #...:** KGW6F1AC **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	102	(44 - 110)
2-Fluorophenol	91	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RW55

GC Semivolatiles

Lot-Sample #...: F8B110168-004 **Work Order #...:** KGW6Q1AC **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(44 - 110)
2-Fluorophenol	88	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RW59

GC Semivolatiles

Lot-Sample #...: F8B110168-006 **Work Order #...:** KGW621AC **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08
Prep Date.....: 02/12/08 **Analysis Date..:** 02/22/08
Prep Batch #...: 8043272
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	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(44 - 110)
2-Fluorophenol	93	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KGGLW1AA **Matrix.....:** WATER
MB Lot-Sample #: F8B020000-021

Prep Date.....: 02/01/08
Analysis Date..: 02/13/08 **Prep Batch #...:** 8033021
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	67	(44 - 110)
2-Fluorophenol	64	(37 - 96)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KGPV71AA **Matrix.....:** WATER
MB Lot-Sample #: F8B070000-104

Prep Date.....: 02/07/08
Analysis Date..: 02/25/08 **Prep Batch #...:** 8038104
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-Trichloro-phenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	101	(44 - 110)
2-Fluorophenol	82	(37 - 96)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KG0Q41AA **Matrix.....:** WATER
MB Lot-Sample #: F8B120000-272

Prep Date.....: 02/12/08
Analysis Date..: 02/22/08 **Prep Batch #...:** 8043272
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	94	(44 - 110)
2-Fluorophenol	85	(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 #...: SL726 Work Order #...: KGGLW1AC Matrix.....: WATER
LCS Lot-Sample#: F8B020000-021
Prep Date.....: 02/01/08 Analysis Date..: 02/13/08
Prep Batch #...: 8033021
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	80.9	ug/L	81	SW846 8040A
4-Chloro-3-methylphenol	100	86.6	ug/L	87	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	83.0	ug/L	83	SW846 8040A
2-Methylphenol	100	82.2	ug/L	82	SW846 8040A
2,4-Dichlorophenol	100	82.6	ug/L	83	SW846 8040A
2,6-Dichlorophenol	100	83.9	ug/L	84	SW846 8040A
2,4-Dimethylphenol	100	81.3	ug/L	81	SW846 8040A
2,4-Dinitrophenol	100	94.2	ug/L	94	SW846 8040A
4,6-Dinitro-2-methylphenol	100	91.4	ug/L	91	SW846 8040A
Dinoseb	100	116	ug/L	116	SW846 8040A
2-Nitrophenol	100	92.8	ug/L	93	SW846 8040A
4-Nitrophenol	100	95.3	ug/L	95	SW846 8040A
Pentachlorophenol	100	104	ug/L	104	SW846 8040A
Phenol	100	80.5	ug/L	80	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	83.7	ug/L	84	SW846 8040A
2,4,5-Trichlorophenol	100	83.2	ug/L	83	SW846 8040A
2,4,6-Trichlorophenol	100	84.5	ug/L	85	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(50 - 107)
2-Fluorophenol	77	(50 - 91)

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 Semivolatiles

Client Lot #...: SL726 Work Order #...: KGPV71AC Matrix.....: WATER
LCS Lot-Sample#: F8B070000-104
Prep Date.....: 02/07/08 Analysis Date..: 02/25/08
Prep Batch #...: 8038104
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	91.9	ug/L	92	SW846 8040A
4-Chloro-3-methylphenol	100	94.8	ug/L	95	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	94.7	ug/L	95	SW846 8040A
2-Methylphenol	100	93.8	ug/L	94	SW846 8040A
2,4-Dichlorophenol	100	92.6	ug/L	93	SW846 8040A
2,6-Dichlorophenol	100	95.0	ug/L	95	SW846 8040A
2,4-Dimethylphenol	100	91.7	ug/L	92	SW846 8040A
2,4-Dinitrophenol	100	96.6	ug/L	97	SW846 8040A
4,6-Dinitro-2-methylphenol	100	102	ug/L	102	SW846 8040A
Dinoseb	100	113	ug/L	113	SW846 8040A
2-Nitrophenol	100	89.5	ug/L	90	SW846 8040A
4-Nitrophenol	100	110	ug/L	110	SW846 8040A
Pentachlorophenol	100	101	ug/L	101	SW846 8040A
Phenol	100	93.4	ug/L	93	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	94.0	ug/L	94	SW846 8040A
2,4,5-Trichlorophenol	100	92.6	ug/L	93	SW846 8040A
2,4,6-Trichlorophenol	100	93.7	ug/L	94	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	102	(50 - 107)
2-Fluorophenol	82	(50 - 91)

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 Semivolatiles

Client Lot #...: SL726 Work Order #...: KG0Q41AC Matrix.....: WATER
LCS Lot-Sample#: F8B120000-272
Prep Date.....: 02/12/08 Analysis Date..: 02/22/08
Prep Batch #...: 8043272
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	86.8	ug/L	87	SW846 8040A
4-Chloro-3-methylphenol	100	79.1	ug/L	79	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	82.8	ug/L	83	SW846 8040A
2-Methylphenol	100	84.5	ug/L	85	SW846 8040A
2,4-Dichlorophenol	100	81.2	ug/L	81	SW846 8040A
2,6-Dichlorophenol	100	83.1	ug/L	83	SW846 8040A
2,4-Dimethylphenol	100	80.4	ug/L	80	SW846 8040A
2,4-Dinitrophenol	100	77.5	ug/L	78	SW846 8040A
4,6-Dinitro-2-methylphenol	100	70.1	ug/L	70	SW846 8040A
Dinoseb	100	74.9	ug/L	75	SW846 8040A
2-Nitrophenol	100	71.6	ug/L	72	SW846 8040A
4-Nitrophenol	100	74.1	ug/L	74	SW846 8040A
Pentachlorophenol	100	73.2	ug/L	73	SW846 8040A
Phenol	100	84.6	ug/L	85	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	74.4	ug/L	74	SW846 8040A
2,4,5-Trichlorophenol	100	78.6	ug/L	79	SW846 8040A
2,4,6-Trichlorophenol	100	80.0	ug/L	80	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(50 - 107)
2-Fluorophenol	80	(50 - 91)

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 #...: SL726 Work Order #...: KGAPK1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8A300223-001 KGAPK1AE-MSD
Date Sampled...: 01/25/08 Date Received..: 01/30/08
Prep Date.....: 02/01/08 Analysis Date..: 02/13/08
Prep Batch #...: 8033021
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	191	156	ug/L	82		SW846 8040A
	ND	191	154	ug/L	81	1.3	SW846 8040A
4-Chloro-3-methylphenol	ND	191	170	ug/L	89		SW846 8040A
	ND	191	165	ug/L	86	3.2	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	191	159	ug/L	83		SW846 8040A
	ND	191	159	ug/L	83	0.12	SW846 8040A
2-Methylphenol	ND	191	158	ug/L	83		SW846 8040A
	ND	191	157	ug/L	82	0.70	SW846 8040A
2,4-Dichlorophenol	ND	191	157	ug/L	83		SW846 8040A
	ND	191	157	ug/L	82	0.25	SW846 8040A
2,6-Dichlorophenol	ND	191	160	ug/L	84		SW846 8040A
	ND	191	160	ug/L	84	0.31	SW846 8040A
2,4-Dimethylphenol	ND	191	156	ug/L	82		SW846 8040A
	ND	191	156	ug/L	82	0.38	SW846 8040A
2,4-Dinitrophenol	ND	191	191	ug/L	100		SW846 8040A
	ND	191	187	ug/L	98	2.1	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	191	184	ug/L	96		SW846 8040A
	ND	191	183	ug/L	96	0.10	SW846 8040A
Dinoseb	ND	191	233	ug/L	122		SW846 8040A
	ND	191	231	ug/L	121	0.90	SW846 8040A
2-Nitrophenol	ND	191	177	ug/L	93		SW846 8040A
	ND	191	174	ug/L	91	1.7	SW846 8040A
4-Nitrophenol	ND	191	183	ug/L	96		SW846 8040A
	ND	191	182	ug/L	96	0.54	SW846 8040A
Pentachlorophenol	ND	191	210	ug/L	110		SW846 8040A
	ND	191	206	ug/L	108	2.1	SW846 8040A
Phenol	ND	191	154	ug/L	81		SW846 8040A
	ND	191	152	ug/L	80	1.2	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	191	169	ug/L	89		SW846 8040A
	ND	191	159	ug/L	83	6.3	SW846 8040A
2,4,5-Trichloro-phenol	ND	191	161	ug/L	85		SW846 8040A
	ND	191	156	ug/L	82	3.5	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KGAPK1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8A300223-001 KGAPK1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**191**	**160**	**ug/L**	**84**		**SW846 8040A**
	ND	**191**	**154**	**ug/L**	**81**	**3.8**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	94	(44 - 110)
	89	(44 - 110)
2-Fluorophenol	77	(37 - 96)
	75	(37 - 96)

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 #...: SL726 Work Order #...: KGKMC1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8B050233-001 KGKMC1AE-MSD
Date Sampled...: 02/01/08 Date Received..: 02/05/08
Prep Date.....: 02/07/08 Analysis Date..: 02/25/08
Prep Batch #...: 8038104
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	94.7	88.3	ug/L	93		SW846 8040A
	ND	96.2	90.0	ug/L	93	1.9	SW846 8040A
4-Chloro-3-methylphenol	ND	94.7	93.1	ug/L	98		SW846 8040A
	ND	96.2	95.8	ug/L	100	2.8	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	94.7	92.0	ug/L	97		SW846 8040A
	ND	96.2	91.9	ug/L	95	0.06	SW846 8040A
2-Methylphenol	ND	94.7	90.9	ug/L	96		SW846 8040A
	ND	96.2	90.8	ug/L	94	0.11	SW846 8040A
2,4-Dichlorophenol	ND	94.7	90.4	ug/L	95		SW846 8040A
	ND	96.2	89.9	ug/L	93	0.54	SW846 8040A
2,6-Dichlorophenol	ND	94.7	92.5	ug/L	98		SW846 8040A
	ND	96.2	92.3	ug/L	96	0.19	SW846 8040A
2,4-Dimethylphenol	ND	94.7	90.0	ug/L	95		SW846 8040A
	ND	96.2	90.3	ug/L	94	0.24	SW846 8040A
2,4-Dinitrophenol	ND	94.7	101	ug/L	107		SW846 8040A
	ND	96.2	103	ug/L	107	2.2	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	94.7	107	ug/L	113		SW846 8040A
	ND	96.2	107	ug/L	111	0.28	SW846 8040A
Dinoseb	ND	94.7	118	ug/L	125		SW846 8040A
	ND	96.2	117	ug/L	122	0.59	SW846 8040A
2-Nitrophenol	ND	94.7	95.5	ug/L	101		SW846 8040A
	ND	96.2	97.4	ug/L	101	2.0	SW846 8040A
4-Nitrophenol	ND	94.7	116	ug/L	123 N		SW846 8040A
	ND	96.2	115	ug/L	119	1.5	SW846 8040A
Pentachlorophenol	ND	94.7	107	ug/L	113		SW846 8040A
	ND	96.2	106	ug/L	110	0.93	SW846 8040A
Phenol	ND	94.7	90.7	ug/L	96		SW846 8040A
	ND	96.2	90.9	ug/L	94	0.19	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	94.7	102	ug/L	107		SW846 8040A
	ND	96.2	104	ug/L	109	2.7	SW846 8040A
2,4,5-Trichlorophenol	ND	94.7	93.3	ug/L	98		SW846 8040A
	ND	96.2	95.7	ug/L	99	2.5	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KGKMC1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B050233-001 KGKMC1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**94.7**	**92.5**	**ug/L**	**98**		**SW846 8040A**
	ND	**96.2**	**94.3**	**ug/L**	**98**	**1.9**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	111 *	(44 - 110)
	110	(44 - 110)
2-Fluorophenol	82	(37 - 96)
	81	(37 - 96)

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.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL726 Work Order #...: KGW5D1AF-MS Matrix.....: WATER
MS Lot-Sample #: F8B110164-002 KGW5D1AG-MSD
Date Sampled...: 02/06/08 Date Received..: 02/11/08
Prep Date.....: 02/12/08 Analysis Date..: 02/22/08
Prep Batch #...: 8043272
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	94.6	94.1	ug/L	99		SW846 8040A
	ND	94.9	93.6	ug/L	99	0.54	SW846 8040A
4-Chloro-3-methylphenol	ND	94.6	95.4	ug/L	101		SW846 8040A
	ND	94.9	95.8	ug/L	101	0.39	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	94.6	94.5	ug/L	100		SW846 8040A
	ND	94.9	94.1	ug/L	99	0.43	SW846 8040A
2-Methylphenol	ND	94.6	93.3	ug/L	99		SW846 8040A
	ND	94.9	92.6	ug/L	98	0.79	SW846 8040A
2,4-Dichlorophenol	ND	94.6	93.6	ug/L	99		SW846 8040A
	ND	94.9	93.1	ug/L	98	0.47	SW846 8040A
2,6-Dichlorophenol	ND	94.6	95.5	ug/L	101		SW846 8040A
	ND	94.9	95.0	ug/L	100	0.48	SW846 8040A
2,4-Dimethylphenol	ND	94.6	92.0	ug/L	97		SW846 8040A
	ND	94.9	91.2	ug/L	96	0.86	SW846 8040A
2,4-Dinitrophenol	ND	94.6	102	ug/L	107		SW846 8040A
	ND	94.9	102	ug/L	107	0.29	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	94.6	113	ug/L	120		SW846 8040A
	ND	94.9	110	ug/L	116	3.0	SW846 8040A
Dinoseb	ND	94.6	120	ug/L	127		SW846 8040A
	ND	94.9	116	ug/L	122	3.3	SW846 8040A
2-Nitrophenol	ND	94.6	98.8	ug/L	104		SW846 8040A
	ND	94.9	96.8	ug/L	102	2.0	SW846 8040A
4-Nitrophenol	ND	94.6	106	ug/L	112		SW846 8040A
	ND	94.9	106	ug/L	111	0.28	SW846 8040A
Pentachlorophenol	ND	94.6	100	ug/L	106		SW846 8040A
	ND	94.9	99.1	ug/L	104	0.88	SW846 8040A
Phenol	ND	94.6	93.1	ug/L	98		SW846 8040A
	ND	94.9	93.1	ug/L	98	0.06	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	94.6	120	ug/L	127		SW846 8040A
	ND	94.9	116	ug/L	122	3.5	SW846 8040A
2,4,5-Trichloro-phenol	ND	94.6	97.7	ug/L	103		SW846 8040A
	ND	94.9	98.2	ug/L	103	0.51	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL726 **Work Order #...:** KGW5D1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B110164-002 KGW5D1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**94.6**	**96.3**	**ug/L**	**102**		**SW846 8040A**
	ND	**94.9**	**96.6**	**ug/L**	**102**	**0.29**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	107	(44 - 110)
	105	(44 - 110)
2-Fluorophenol	89	(37 - 96)
	87	(37 - 96)

NOTE(S):

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

Bold print denotes control parameters

METALS

Fluor Hanford Inc

Client Sample ID: B1R9M1

DISSOLVED Metals

Lot-Sample #...: F8A300219-001 **Matrix.....:** WATER
Date Sampled...: 01/24/08 **Date Received..:** 01/30/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8038170						
Antimony	ND	60.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**17.5 B**	**200**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**22.7 B,C**	**100**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**2810 B**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9M1

DISSOLVED Metals

Lot-Sample #...: F8A300219-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**73.4**	**50.0**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPC1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPC1AV
		Dilution Factor: 1		MDL.....: 9.6		

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.

Fluor Hanford Inc

Client Sample ID: B1R9M2

TOTAL Metals

Lot-Sample #...: F8A300219-002 **Matrix.....:** WATER
Date Sampled...: 01/24/08 **Date Received..:** 01/30/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8038170						
Antimony	ND	60.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**19.7 B**	**200**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**13600**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AH
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**48.9 B,C**	**100**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**2740 B**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**36.2**	**15.0**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AN**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**1780 B**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9M2

TOTAL Metals

Lot-Sample #...: F8A300219-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16400**	**5000**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**71.6**	**50.0**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGAPF1AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AV
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	02/07-02/08/08	KGAPF1AW
		Dilution Factor: 1		MDL.....: 9.6		

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.

Fluor Hanford Inc

Client Sample ID: B1RVV2

DISSOLVED Metals

Lot-Sample #...: F8B050233-003 **Matrix.....:** WATER
Date Sampled...: 01/31/08 **Date Received..:** 02/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGKMQ1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVV3

TOTAL Metals

Lot-Sample #...: F8B050233-004 **Matrix.....:** WATER
Date Sampled...: 01/31/08 **Date Received..:** 02/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGKM01AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVX6

DISSOLVED Metals

Lot-Sample #...: F8B060253-001 **Matrix.....:** WATER
Date Sampled...: 02/05/08 **Date Received..:** 02/06/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGMPD1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVX7

TOTAL Metals

Lot-Sample #...: F8B060253-002 **Matrix.....:** WATER
Date Sampled...: 02/05/08 **Date Received..:** 02/06/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGMPG1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVY8

DISSOLVED Metals

Lot-Sample #...: F8B070155-001 **Matrix.....:** WATER
Date Sampled...: 01/30/08 **Date Received..:** 02/01/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGN8H1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW10

DISSOLVED Metals

Lot-Sample #...: F8B070155-003 **Matrix.....:** WATER
Date Sampled...: 01/30/08 **Date Received..:** 02/01/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGN8P1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW11

TOTAL Metals

Lot-Sample #...: F8B070155-004 **Matrix.....:** WATER
Date Sampled...: 01/30/08 **Date Received..:** 02/01/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGN8W1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCL3

DISSOLVED Metals

Lot-Sample #...: F8B070315-001 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGQH01AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCL4

TOTAL Metals

Lot-Sample #...: F8B070315-002 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGQH51AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCK7

DISSOLVED Metals

Lot-Sample #...: F8B070315-003 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGQH91AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCK8

TOTAL Metals

Lot-Sample #...: F8B070315-004 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGQJC1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW42

DISSOLVED Metals

Lot-Sample #...: F8B110164-001 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5C1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW43

TOTAL Metals

Lot-Sample #...: F8B110164-002 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5D1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW26

DISSOLVED Metals

Lot-Sample #...: F8B110164-003 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5F1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW27

TOTAL Metals

Lot-Sample #...: F8B110164-004 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5H1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW22

DISSOLVED Metals

Lot-Sample #...: F8B110164-005 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5N1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW23

TOTAL Metals

Lot-Sample #...: F8B110164-006 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW5T1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVW4

DISSOLVED Metals

Lot-Sample #...: F8B110168-001 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW6E1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVW5

TOTAL Metals

Lot-Sample #...: F8B110168-002 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW6F1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW54

DISSOLVED Metals

Lot-Sample #...: F8B110168-003 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW6L1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW55

TOTAL Metals

Lot-Sample #...: F8B110168-004 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW6Q1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW58

DISSOLVED Metals

Lot-Sample #...: F8B110168-005 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW601AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RW59

TOTAL Metals

Lot-Sample #...: F8B110168-006 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW621AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCH7

DISSOLVED Metals

Lot-Sample #...: F8B110168-007 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045067						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW671AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RCH8

TOTAL Metals

Lot-Sample #...: F8B110168-008 **Matrix.....:** WATER
Date Sampled...: 02/06/08 **Date Received..:** 02/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8045066						
Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KGW7C1AD
		Dilution Factor: 1		MDL.....: 0.093		

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL726 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8B070000-170 **Prep Batch #...:** 8038170						
Antimony	ND	60.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	02/07-02/08/08	KGN221AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A5
		Dilution Factor: 1				
Iron	**21.0 B**	**100**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGN221A6**
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221A9
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221CD
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL726 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221CG
		Dilution Factor: 1				

MB Lot-Sample #: F8B140000-066 **Prep Batch #...:** 8045066

Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KG3NG1AA
		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 #...: SL726 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8B070000-170 **Prep Batch #...:** 8038170						
Antimony	ND	60.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	02/07-02/08/08	KGN221AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AJ
		Dilution Factor: 1				
Iron	**21.0 B**	**100**	**ug/L**	**SW846 6010B**	**02/07-02/08/08**	**KGN221AK**
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	02/07-02/08/08	KGN221AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL726 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	02/07-02/08/08	KGN221AV
		Dilution Factor: 1				

MB Lot-Sample #: F8B140000-067 **Prep Batch #...:** 8045067

Mercury	ND	0.20	ug/L	SW846 7470A	02/14/08	KG3NJ1AA
		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 #...: SL726 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8B070000-170 **Prep Batch #...:** 8038170							
Antimony	500	549	ug/L	110	SW846 6010B	02/07-02/08/08	KGN221C4
			Dilution Factor: 1				
Barium	500	541	ug/L	108	SW846 6010B	02/07-02/08/08	KGN221C5
			Dilution Factor: 1				
Beryllium	500	565	ug/L	113	SW846 6010B	02/07-02/08/08	KGN221C6
			Dilution Factor: 1				
Cadmium	500	547	ug/L	109	SW846 6010B	02/07-02/08/08	KGN221C7
			Dilution Factor: 1				
Calcium	10000	10500	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221C8
			Dilution Factor: 1				
Chromium	500	529	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221C9
			Dilution Factor: 1				
Cobalt	500	525	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221DA
			Dilution Factor: 1				
Copper	500	511	ug/L	102	SW846 6010B	02/07-02/08/08	KGN221DC
			Dilution Factor: 1				
Iron	500	587	ug/L	117	SW846 6010B	02/07-02/08/08	KGN221DD
			Dilution Factor: 1				
Magnesium	10000	10000	ug/L	100	SW846 6010B	02/07-02/08/08	KGN221DE
			Dilution Factor: 1				
Manganese	500	536	ug/L	107	SW846 6010B	02/07-02/08/08	KGN221DF
			Dilution Factor: 1				
Nickel	500	534	ug/L	107	SW846 6010B	02/07-02/08/08	KGN221DG
			Dilution Factor: 1				
Potassium	10000	10800	ug/L	108	SW846 6010B	02/07-02/08/08	KGN221DH
			Dilution Factor: 1				
Silver	125	131	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221DJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL726 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221DK
			Dilution Factor: 1				
Strontium	500	564	ug/L	113	SW846 6010B	02/07-02/08/08	KGN221DL
			Dilution Factor: 1				
Vanadium	500	529	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221DM
			Dilution Factor: 1				
Zinc	500	523	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221DN
			Dilution Factor: 1				

LCS Lot-Sample#: F8B140000-066 **Prep Batch #...:** 8045066

Mercury	1.00	0.964	ug/L	96	SW846 7470A	02/14/08	KG3NG1AC
			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 #...: SL726 **Matrix.....:** WATER

LCS Lot-Sample#: F8B070000-170 **Prep Batch #...:** 8038170

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	549	ug/L	110	SW846 6010B	02/07-02/08/08	KGN221CH
			Dilution Factor: 1				
Barium	500	541	ug/L	108	SW846 6010B	02/07-02/08/08	KGN221CJ
			Dilution Factor: 1				
Beryllium	500	565	ug/L	113	SW846 6010B	02/07-02/08/08	KGN221CK
			Dilution Factor: 1				
Cadmium	500	547	ug/L	109	SW846 6010B	02/07-02/08/08	KGN221CL
			Dilution Factor: 1				
Calcium	10000	10500	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221CM
			Dilution Factor: 1				
Chromium	500	529	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221CN
			Dilution Factor: 1				
Cobalt	500	525	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221CP
			Dilution Factor: 1				
Copper	500	511	ug/L	102	SW846 6010B	02/07-02/08/08	KGN221CQ
			Dilution Factor: 1				
Iron	500	587	ug/L	117	SW846 6010B	02/07-02/08/08	KGN221CR
			Dilution Factor: 1				
Magnesium	10000	10000	ug/L	100	SW846 6010B	02/07-02/08/08	KGN221CT
			Dilution Factor: 1				
Manganese	500	536	ug/L	107	SW846 6010B	02/07-02/08/08	KGN221CU
			Dilution Factor: 1				
Nickel	500	534	ug/L	107	SW846 6010B	02/07-02/08/08	KGN221CV
			Dilution Factor: 1				
Potassium	10000	10800	ug/L	108	SW846 6010B	02/07-02/08/08	KGN221CW
			Dilution Factor: 1				
Silver	125	131	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221CX
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL726 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221C0
			Dilution Factor: 1				
Strontium	500	564	ug/L	113	SW846 6010B	02/07-02/08/08	KGN221C1
			Dilution Factor: 1				
Vanadium	500	529	ug/L	106	SW846 6010B	02/07-02/08/08	KGN221C2
			Dilution Factor: 1				
Zinc	500	523	ug/L	105	SW846 6010B	02/07-02/08/08	KGN221C3
			Dilution Factor: 1				

LCS Lot-Sample#: F8B140000-067 **Prep Batch #...:** 8045067

Mercury	1.00	0.963	ug/L	96	SW846 7470A	02/14/08	KG3NJ1AC
			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 #...: SL726 **Matrix.....:** WATER
Date Sampled...: 01/31/08 **Date Received..:** 02/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8B050233-004 **Prep Batch #...:** 8045066									
Mercury									
	ND	1.00	0.977	ug/L	98		SW846 7470A	02/14/08	KGKM01AE
	ND	1.00	1.02	ug/L	102	4.3	SW846 7470A	02/14/08	KGKM01AF

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 #...: SL726 **Matrix.....:** WATER
Date Sampled...: 01/24/08 **Date Received..:** 01/30/08

MS Lot-Sample #: F8A300219-001 **Prep Batch #...:** 8038170

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	277	ug/L	111		SW846 6010B	02/07-02/08/08	KGAPC1AW
	ND	250	266	ug/L	107	4.1	SW846 6010B	02/07-02/08/08	KGAPC1AX
			Dilution Factor: 1						
Barium									
	17.5	1000	1100	ug/L	108		SW846 6010B	02/07-02/08/08	KGAPC1A0
	17.5	1000	1060	ug/L	104	4.0	SW846 6010B	02/07-02/08/08	KGAPC1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	28.5	ug/L	114		SW846 6010B	02/07-02/08/08	KGAPC1A2
	ND	25.0	27.5	ug/L	110	3.5	SW846 6010B	02/07-02/08/08	KGAPC1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	27.6	ug/L	110		SW846 6010B	02/07-02/08/08	KGAPC1A4
	ND	25.0	26.6	ug/L	106	3.9	SW846 6010B	02/07-02/08/08	KGAPC1A5
			Dilution Factor: 1						
Calcium									
	13900	25000	40200	ug/L	105		SW846 6010B	02/07-02/08/08	KGAPC1A6
	13900	25000	38600	ug/L	99	4.0	SW846 6010B	02/07-02/08/08	KGAPC1A7
			Dilution Factor: 1						
Chromium									
	ND	100	106	ug/L	106		SW846 6010B	02/07-02/08/08	KGAPC1A8
	ND	100	102	ug/L	102	3.8	SW846 6010B	02/07-02/08/08	KGAPC1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	263	ug/L	105		SW846 6010B	02/07-02/08/08	KGAPC1CA
	ND	250	254	ug/L	102	3.7	SW846 6010B	02/07-02/08/08	KGAPC1CC
			Dilution Factor: 1						
Copper									
	ND	125	128	ug/L	103		SW846 6010B	02/07-02/08/08	KGAPC1CD
	ND	125	124	ug/L	99	3.7	SW846 6010B	02/07-02/08/08	KGAPC1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL726 **Matrix.....:** WATER
Date Sampled...: 01/24/08 **Date Received..:** 01/30/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	22.7	500	576	ug/L	111		SW846 6010B	02/07-02/08/08	KGAPC1CF
	22.7	500	552	ug/L	106	4.3	SW846 6010B	02/07-02/08/08	KGAPC1CG
			Dilution Factor: 1						
Magnesium									
	2810	25000	28300	ug/L	102		SW846 6010B	02/07-02/08/08	KGAPC1CH
	2810	25000	27200	ug/L	98	4.0	SW846 6010B	02/07-02/08/08	KGAPC1CJ
			Dilution Factor: 1						
Manganese									
	ND	250	270	ug/L	108		SW846 6010B	02/07-02/08/08	KGAPC1CK
	ND	250	259	ug/L	104	4.2	SW846 6010B	02/07-02/08/08	KGAPC1CL
			Dilution Factor: 1						
Nickel									
	ND	250	264	ug/L	106		SW846 6010B	02/07-02/08/08	KGAPC1CM
	ND	250	255	ug/L	102	3.6	SW846 6010B	02/07-02/08/08	KGAPC1CN
			Dilution Factor: 1						
Potassium									
	ND	25000	25900	ug/L	104		SW846 6010B	02/07-02/08/08	KGAPC1CP
	ND	25000	25900	ug/L	103	0.11	SW846 6010B	02/07-02/08/08	KGAPC1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	26.0	ug/L	104		SW846 6010B	02/07-02/08/08	KGAPC1CR
	ND	25.0	25.4	ug/L	102	2.2	SW846 6010B	02/07-02/08/08	KGAPC1CT
			Dilution Factor: 1						
Sodium									
	16600	25000	42600	ug/L	104		SW846 6010B	02/07-02/08/08	KGAPC1CU
	16600	25000	42400	ug/L	103	0.61	SW846 6010B	02/07-02/08/08	KGAPC1CV
			Dilution Factor: 1						
Strontium									
	73.4	500	640	ug/L	113		SW846 6010B	02/07-02/08/08	KGAPC1CW
	73.4	500	616	ug/L	109	3.7	SW846 6010B	02/07-02/08/08	KGAPC1CX
			Dilution Factor: 1						
Vanadium									
	ND	250	269	ug/L	107		SW846 6010B	02/07-02/08/08	KGAPC1C0
	ND	250	258	ug/L	103	4.2	SW846 6010B	02/07-02/08/08	KGAPC1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL726 **Matrix.....:** WATER
Date Sampled...: 01/24/08 **Date Received..:** 01/30/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	255	ug/L	102		SW846 6010B	02/07-02/08/08	KGAPC1C2
	ND	250	253	ug/L	101	0.58	SW846 6010B	02/07-02/08/08	KGAPC1C3

Dilution Factor: 1

NOTE(S):

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