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0080359

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-008

Lot #: FBI030139
SDG #: SL751

Steve Trent

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

RECEIVED
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TESTAMERICA LABORATORIES, INC.



Michael C. Franks
Project Manager

September 29, 2008

TestAmerica

CASE NARRATIVE

THE LEADER IN ENVIRONMENTAL TESTING
 Fluor Hanford, Inc.
 P.O. Box 1000
 MSIN E6-35
 Richland, Washington 99352
 September 29, 2008
 Attention: Steve Trent

SDG	: SL751
Number of Samples	: 33 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: September 4, 2008

II. Introduction

Between September 2, 2008 and September 4, 2008, thirty three (33) water samples were received by TestAmerica - St. Louis for chemical analysis. The samples except those noted below 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.

Coolers containing samples B1WKL7, B1WJY1, B1WJY2, B1WJY3, B1WJY4, B1WJY5, B1WKK6, B1WDP1, B1W2F0, B1W2F1, B1W2F2, B1W2F3, and B1W2F6 were received outside temperature requirements at 21 Degrees C and 22 Degrees C. Issue Resolution Form 08-155, included with this case narrative, accepted the proposed resolution of proceeding with all analysis.

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: W08-008, W08-007, I08-053, S08-006, and W08-009

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

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THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

September 29, 2008

SDG: SL751

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.

ICP Metals

Batch: 8261087

Copper and Nickel were observed in the method blank above the reporting limit. Neither analyte was detected above the MDL in the associated samples.

Affected Samples:

F8I040229 (1): B1X1B6	F8I040229 (13): B1X1F9
F8I040229 (3): B1X1C0	F8I040229 (15): B1X069
F8I040229 (5): B1X1B1	F8I040229 (17): B1X079
F8I040229 (7): B1X157	F8I040229 (19): B1X084
F8I040229 (9): B1X167	F8I040229 (21): B1X064
F8I040229 (11): B1X059	

The samples were analyzed at a dilution for Calcium and Strontium due to high concentrations of target and interfering analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F8I040229 (1): B1X1B6
 F8I040229 (3): B1X1C0
 F8I040229 (5): B1X1B1
 F8I040229 (9): B1X167

Batch: 8260237

The samples were analyzed at a dilution for Calcium and Strontium due to high concentrations of target and interfering analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F8I040229 (2): B1X1B7
 F8I040229 (4): B1X1C1
 F8I040229 (6): B1X1B2
 F8I040229 (10): B1X168

There were no observations or nonconformances for the following methods:

Semi-Volatiles
 Total Organic Carbon
 Total Organic Halogens
 Total Sulfide
 Total Phenolics

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

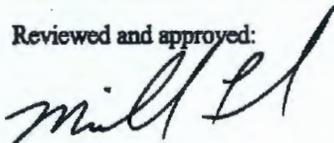
Fluor Hanford Inc.

September 29, 2008

SDG: SL751

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

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

PNNL TRACKING NUMBER: 08-155

Date: Sept.2, 2008 SAF Nos. W08-008, I08-053
 SDG: SL751 LOGIN No.: TEST: TOX, TOC, SVOA, S, Phenol

Sample No.(s) **B1WKL7, B1WJY1, B1WJY2, B1WJY3, B1WJY4, B1WJY5, B1WKK6,
 B1WDP1, B1W2F0, B1W2F1, B1W2F2, B1W2F3, B1W2F6**

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

<u>ISSUE</u>	<u>PROPOSED RESOLUTION</u>
The coolers were received outside of temperature requirements on Sept. 2, 2008. One cooler was received at 21 Deg. C and the other cooler was received at 22 Deg. C.	1) Proceed with 2) Cancel analysis.

BHI/WMH/PNNL COMMENTS

Please proceed with analysis and note in narrative that the coolers were received outside of temperature.

Heidi Hampt 9/2/08
 Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL751

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Phenolics	MCAWW 420.2	MCAWW 420.2
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfide	SW846 9030	
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SL751 : FRI030139

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED</u>	<u>SAMP</u>
				<u>DATE</u>	<u>TIME</u>
KV6RK	001	B1WKK6		08/29/08	11:05

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- 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

SL751 : F8I030145

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KV6TC	001	B1W2F0	08/27/08	10:44
KV6TF	002	B1W2F1	08/27/08	10:44
KV6TH	003	B1W2F2	08/27/08	10:44
KV6TJ	004	B1W2F3	08/27/08	10:44

NOTE(S) :

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(Continued on next page)

SAMPLE SUMMARY

SL751 : F8I030149

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KV6TW	001	B1WDP1	08/29/08	13:04

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL751 : F8I030174

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KV64G	001	B1WDN7	08/29/08	13:04
KV7C7	002	B1WDN1	08/26/08	11:00

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL751 : F8I030179

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KV647	001	B1VMJ8	08/27/08	11:44
KV7F0	002	B1VML0	08/27/08	13:39
KV7F8	003	B1VML2	08/27/08	13:39

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL751 : F8I040229

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KV9R0	001	B1X1B6	09/03/08	12:55
KV9R4	002	B1X1B7	09/03/08	12:55
KV9R7	003	B1X1C0	09/03/08	12:55
KV9R8	004	B1X1C1	09/03/08	12:55
KV9R9	005	B1X1B1	09/03/08	09:41
KV9TF	006	B1X1B2	09/03/08	09:41
KV9TG	007	B1X157	09/03/08	10:51
KV9TH	008	B1X158	09/03/08	10:51
KV9TL	009	B1X167	09/03/08	11:48
KV9TM	010	B1X168	09/03/08	11:48
KV9TN	011	B1X059	09/03/08	08:29
KV9TP	012	B1X060	09/03/08	08:29
KV9TV	013	B1X1F9	09/03/08	09:12
KV9TW	014	B1X1H0	09/03/08	09:12
KV9T1	015	B1X069	09/03/08	09:49
KV9T2	016	B1X070	09/03/08	09:49
KV9T3	017	B1X079	09/03/08	12:12
KV9T5	018	B1X080	09/03/08	12:12
KV9T7	019	B1X084	09/03/08	10:24
KV9T8	020	B1X085	09/03/08	10:24
KV9T9	021	B1X064	09/03/08	11:15
KV9VC	022	B1X065	09/03/08	11:15

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.
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IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797074229991	Reference	100-KR-4
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Aug 29, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 2, 2008 9:27 AM	Service type	Priority Overnight
		Weight	78.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location
Sep 2, 2008	9:27 AM Delivered	Earth City, MO
	6:57 AM At local FedEx facility	EARTH CITY, MO
Aug 30, 2008	10:22 PM Departed FedEx location	MEMPHIS, TN
	3:17 PM In transit	MEMPHIS, TN
	12:59 PM Arrived at FedEx location	MEMPHIS, TN
Aug 29, 2008	7:39 PM At local FedEx facility	SPOKANE, WA
	5:17 PM Left FedEx origin facility	PASCO, WA
	3:58 PM Package data transmitted to FedEx	
	3:55 PM Picked up	PASCO, WA

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	Language	Exception updates
	English	<input type="checkbox"/>

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](#)



THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FB I 030139
- 4166 - 148
149

Client: Fluor Condition Upon Receipt Form
Quote No: 60366, 60000, 60366 COC/RFA No: below Date: 09.02.08
Initiated By: [Signature] Time: 09:00

Shipper Name: FedEx Shipping Information
Shipping # (s):*
1. 7960 7508 9270 6. _____
2. 7970 7422 9991 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____
Multiple Packages Y N
Sample Temperature (s):**
1. 21° 6. _____
2. 22° 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. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on the cooler?	8. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
2. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?	9. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
3. <input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	10. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Was sample received with proper pH? (If not, make note below)
4. <input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?	11. <input type="radio"/> Y <input type="radio"/> N	If N/A- Was pH taken by original TestAmerica lab?
5. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A <u>SW 01+2 08</u>	Sample received in proper containers?
6. <input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	13. <input type="radio"/> Y <input checked="" type="radio"/> N <input checked="" type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <input checked="" type="radio"/> Y <input type="radio"/> N	Is sample volume sufficient for analysis?	14. <input type="radio"/> Y <input type="radio"/> N	Was Internal COC/Workshare received?

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

Notes:
W08-008-502, 469, 452
W08-007-84
I08-053

per M. Franks - proceed re: temps. & broken bottle
BIWKL7-15002 rec'd. broken. -

Corrective Action:
 Client Contact Name: _____ Informed by: _____
 Sample(s) processed "as is"
 Sample(s) on hold until: _____
Project Management Review: [Signature] Date: 09-05-08

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

56751
 Conf
 4/6/04

Collector Fluor Hanford	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN FAX
SAF No. W08-007	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title RCRA JULY 2008	Method of Shipment Govt. Vehicle	Ice Chest No. DC-42	Temp.
Shipped To (Lab) TestAmerica St. Louis	Priority: 30 Days PRIORITY	Bill of Lading/Air Bill No. 7960 7508 9270	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
B1W2F0		W	8-27-08	10:14	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1W2F0		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1W2F1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1W2F1		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1W2F2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1W2F2		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1W2F3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1W2F3		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1W2F6		W			1x20-mL P	Activity Scan	None

Relinquished By Fluor Hanford	Print 	Sign 	Date/Time 8/29/08	Received By FED EX	Print 	Sign 	Date/Time 09.02.08 0950	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum L. (liq) SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FED EX	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
Relinquished By 16	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	

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

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796075089270	Reference	DC-42
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Aug 29, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 2, 2008 9:27 AM	Service type	Priority Overnight
		Weight	56.0 lbs.

Status Delivered

Signature image available [Yes](#)

Date/Time	Activity	Location
Sep 2, 2008	9:27 AM Delivered	Earth City, MO
	7:57 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:51 AM At local FedEx facility	EARTH CITY, MO
Aug 30, 2008	10:22 PM Departed FedEx location	MEMPHIS, TN
	3:17 PM In transit	MEMPHIS, TN
	12:59 PM Arrived at FedEx location	MEMPHIS, TN
Aug 29, 2008	7:39 PM At local FedEx facility	SPOKANE, WA
	5:17 PM Left FedEx origin facility	PASCO, WA
	3:55 PM Picked up	PASCO, WA
	3:43 PM Package data transmitted to FedEx	

[Signature proof](#) [E-mail results](#) [Track more shipments/o](#)

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

English

English

English

English

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FGI 030139
- 4166 - (145)
149

Condition Upon Receipt Form

Client: Fluor COC/RFA No: below Date: 09.02.08
Quote No: 60386, 60060 Y10366 Initiated By: [Signature] Time: 09:00

Shipping Information

Shipper Name: FedEx Multiple Packages (Y) N
Shipping # (s):* Sample Temperature (s):**
1. 7960 7508 9270 6. _____ 1. 21° 6. _____
2. 7970 7422 9991 7. _____ 2. 22° 7. _____
3. _____ 8. _____ 3. _____ 8. _____
4. _____ 9. _____ 4. _____ 9. _____
5. _____ 10. _____ 5. _____ 10. _____

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

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

1. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on the cooler?	8. <input checked="" type="radio"/> Y <input type="radio"/> N	Are there custody seals present on bottles?
2. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on cooler appear to be tampered with?	9. <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> N/A	Do custody seals on bottles appear to be tampered with?
3. <input checked="" type="radio"/> Y <input type="radio"/> N	Were contents of cooler frisked after opening, but before unpacking?	10. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Was sample received with proper pH? (If not, make note below)
4. <input checked="" type="radio"/> Y <input type="radio"/> N	Sample received with Chain of Custody?	11. <input type="radio"/> Y <input type="radio"/> N	If N/A- Was pH taken by original TestAmerica lab?
5. <input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/> N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <input checked="" type="radio"/> Y <input type="radio"/> N ^{SW} <input type="radio"/> N/A _{09.02.08}	Sample received in proper containers?
6. <input checked="" type="radio"/> Y <input type="radio"/> N	Was sample received broken?	13. <input type="radio"/> Y <input checked="" type="radio"/> N <input checked="" type="radio"/> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <input checked="" type="radio"/> Y <input type="radio"/> N	Is sample volume sufficient for analysis?	14. <input type="radio"/> Y <input type="radio"/> 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:

W08-008-502, 469, 452
W08-007-84
I08-053

per M. Franks - proceed re: temps. & broken bottle.
↓
BIWKL7-15009 rec'd. broken. -

Corrective Action:

Client Contact Name: _____ Informed by: _____
 Sample(s) processed "as is"
 Sample(s) on hold until: _____
Project Management Review: [Signature] If released, notify: _____
Date: 09-04-08

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

IMPORTANT!

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796075089270	Reference	DC-42
Signed for by	A.BRUNSON	Destination	Earth City, MO
Ship date	Aug 29, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 2, 2008 9:27 AM	Service type	Priority Overnight
		Weight	56.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
Sep 2, 2008	9:27 AM Delivered	Earth City, MO
	7:57 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:51 AM At local FedEx facility	EARTH CITY, MO
Aug 30, 2008	10:22 PM Departed FedEx location	MEMPHIS, TN
	3:17 PM In transit	MEMPHIS, TN
	12:59 PM Arrived at FedEx location	MEMPHIS, TN
Aug 29, 2008	7:39 PM At local FedEx facility	SPOKANE, WA
	5:17 PM Left FedEx origin facility	PASCO, WA
	3:55 PM Picked up	PASCO, WA
	3:43 PM Package data transmitted to FedEx	PASCO, WA

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

English

English

English

English

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)



Lot #(s): FB I 030131
 - 4166 - 145
149

Client: Fluor Condition Upon Receipt Form
 Quote No: 60366, 60440, 60366 COC/RFA No: below Date: 09.02.08
 Initiated By: [Signature] Time: 09:00

Shipper Name: FedEx Shipping Information
 Shipping # (s):* Multiple Packages N
 Sample Temperature (s):**
 1. 7960 7508 9270 6. _____ 1. 21° 6. _____
 2. 7970 7422 9991 7. _____ 2. 22° 7. _____
 3. _____ 8. _____ 3. _____ 8. _____
 4. _____ 9. _____ 4. _____ 9. _____
 5. _____ 10. _____ 5. _____ 10. _____

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

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

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

W08-008-502, 469, 452
W08-007-84
I08-053-36

per M. Franks - proceed re: temps. & broken bottle.
BIWKL7-1 s/voc rec'd. broken. -

Corrective Action:

Client Contact Name: _____ Informed by: _____
 Sample(s) processed "as is"
 Sample(s) on hold until: _____
 Project Management Review: [Signature] Date: 09-04-08

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

108-053-381

Page 1 of 2

Collector: Fluor Hanford, D.R. BREWINGTON
 Contact/Requester: Steve Trent
 Telephone No.: 509-373-5869
 AF No.: 108-053
 Sampling Origin: Hanford Site
 Purchase Order/Charge Code:
 Project Title: 2UPL AUGUST 2008
 Ice Chest No.: 615021
 Shipped To (Lab): Waste Sampling & Characterization
 Method of Shipment: Govt. Vehicle
 Bill of Lading/Air Bill No.: 7208
 Protocol: SURV
 Priority: 30 Days **PRIORITY**
 Offsite Property No.: 79707577 4674

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
 200 Area Generator Knowledge Information Form applies. Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1WDN6 (F)	W08P0429	W	8/29/08	1304	1x500-mL G/P	200.8_METALS_ICPMS: Arsenic (1); 200.8_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1WDN6 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1WDN6 (F)		W			1x500-mL G/P	200.8_METALS_ICPMS: Mercury (1)	HNO3 to pH <2
B1WDN7	4370	W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (25)	HCl or H2SO4 to pH <2 Cool-4C
B1WDN7		W			1x500-mL G/P	200.8_METALS_ICPMS: Arsenic (1); 200.8_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1WDN7		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool-4C
B1WDN7		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1WDN7		W			1x1000-mL G/P	TC99_3MDSK_LSC: Tc-99 (1)	HCl to pH <2
B1WDN7		W			1x250-mL G	TRITIUM_EIE_LSC: Tritium (1)	None
B1WDN7		W			3x40-mL aGs*	Alcohols, Glycols, & Ketones - 8015	Cool-4C
B1WDN7		W			4x1000-mL aG	8270_SVOA_GCMS: List-1 + Cresol (14)	Cool-4C
B1WDN7		W			1x500-mL G/P	200.8_METALS_ICPMS: Uranium (1)	HNO3 to pH <2
B1WDN7		W			1x500-mL G/P	200.8_METALS_ICPMS: Mercury (1)	HNO3 to pH <2
B1WDN7		W			1x250-mL G/P	300.7_CATIONS_IC: Ammonia (1)	H2SO4 to pH <2
B1WDN7		W			1x250-mL G/P	335.2_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool-4C
B1WDN7		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D; TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool-4C

ICED

Relinquished By: Fluor Hanford, D.R. BREWINGTON Date/Time: AUG 29 2008 1335	Received By: TA PRAZIN Date/Time: AUG 29 2008 1335	Matrix *
Relinquished By: [Signature] Date/Time: 9/2/08 1435	Received By: DT. SPARKS Date/Time: 9/2/08 1435	S = Soil SF = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By: D.J. Sparks Date/Time: SEP 02 2008	Received By: FEDEX Date/Time: SEP 02 2008	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By: [Signature] Date/Time: SEP 02 2008	Received By: Angela B. Brunson Date/Time: 9.3.08 9:30	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By

TestAmerica St. Louis

SDG
SL75

FLUOR HANFORD <i>SL751</i>	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # 108-053-28
		Page 1 of 2

Collector Hanford B BREWINGTON	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN FAX
SAF No. 108-053	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title 2UPL AUGUST 2008	<i>HNF-N-506-14</i>	Ice Chest No. <i>ERC-7 SML-442</i>	Temp. <i>72.25</i>
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. <i>7966 7666 444</i>	
Protocol SURV	Priority: 30 Days PRIORITY	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 200 Area Generator Knowledge Information Form applies.	Hold Time	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	---	-----------	---

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1WDN0 (F)	4213	W	8-26-08	1100	1x500-mL G/P	200.8_METALS_ICPMS: Arsenic (1); 200.8_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1WDN0 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1WDN0 (F)		W			1x500-mL G/P	200.8_METALS_ICPMS: Mercury (1)	HNO3 to pH <2
B1WDN1	4214	W			4x40-mL aGs* ✓	8260_VOA_GCMS: List-2 (25)	HCl or H2SO4 to pH <2 Cool-4C
B1WDN1		W			1x500-mL G/P ✓	200.8_METALS_ICPMS: Arsenic (1); 200.8_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1WDN1		W			1x500-mL P ✓	300.0_ANIONS_IC: List-1 (5)	Cool-4C
B1WDN1		W			1x500-mL G/P ✓	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1WDN1		W			1x1000-mL G/P ✓	TC99_3MDSK_LSC: Tc-99 (1)	HCl to pH <2
B1WDN1		W			1x250-mL G ✓	TRITIUM_EIE_LSC: Tritium (1)	None
B1WDN1		W			3x40-mL aGs* ✓	Alcohols, Glycols, & Ketones - 8015	Cool-4C
B1WDN1		W			4x1000-mL aG ✓	8270_SVOA_GCMS: List-1 + Cresol (14)	Cool-4C
B1WDN1		W			1x500-mL G/P ✓	200.8_METALS_ICPMS: Uranium (1)	HNO3 to pH <2
B1WDN1		W			1x500-mL G/P ✓	200.8_METALS_ICPMS: Mercury (1)	HNO3 to pH <2
B1WDN1		W			1x250-mL G/P ✓	300.7_CATIONS_IC: Ammonia (1)	H2SO4 to pH <2
B1WDN1		W			1x250-mL G/P ✓	335.2_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool-4C
B1WDN1		W			3x1000-mL aG ✓	TPH-Diesel Range - WTPH-D; TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool-4C

ICED

Relinquished By Fluor Hanford <i>D.R. Bunker</i>	Print <i>D.R. Bunker</i>	Sign <i>[Signature]</i>	Date/Time AUG 26 2008 1345	Received By <i>V. L. [Signature]</i>	Print <i>V. L. [Signature]</i>	Sign <i>[Signature]</i>	Date/Time AUG 26 2008 1345	Matrix *
Relinquished By <i>[Signature]</i>	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 9/2/08 1435	Received By <i>[Signature]</i>	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 9/2/08 1435	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By <i>[Signature]</i>	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 9/2/08 1600	Received By FEDEX	Print FEDEX	Sign <i>[Signature]</i>	Date/Time SEP 02 2008	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine L = Lint V = Vegetation X = Other
Relinquished By 3 FEDEX	Print FEDEX	Sign <i>[Signature]</i>	Date/Time 9-3-08 9:30	Received By Angela Brown AB Brownson	Print Angela Brown AB Brownson	Sign <i>[Signature]</i>	Date/Time 9-3-08 9:30	
ORIGINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By		Date/Time			

TestAmerica St. Louis

137

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797075774674	Reference	GWS-021
Signed for by	B.DANIELS	Destination	Earth City, MO
Ship date	Sep 2, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 3, 2008 9:30 AM	Service type	Priority Overnight
		Weight	102.0 lbs.

Status	Delivered
Signature image available	<u>Yes</u>

Date/Time	Activity	Location
Sep 3, 2008	9:30 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
	5:38 AM At dest sort facility	BERKELEY, MO
	5:14 AM Departed FedEx location	MEMPHIS, TN
Sep 2, 2008	1:29 AM Arrived at FedEx location	MEMPHIS, TN
	5:25 PM Left FedEx origin facility	PASCO, WA
	5:07 PM Package data transmitted to FedEx	
	4:17 PM Picked up	PASCO, WA

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

English

English

English

English

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796076664442	Reference	SML-442
Signed for by	B.DANIELS	Destination	Earth City, MO
Ship date	Sep 2, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 3, 2008 9:30 AM	Service type	Priority Overnight
		Weight	111.0 lbs.
Status	Delivered		
Signature image available	<u>Yes</u>		

Date/Time	Activity	Location
Sep 3, 2008	9:30 AM Delivered	Earth City, MO
	8:06 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:55 AM At local FedEx facility	EARTH CITY, MO
	5:38 AM At dest sort facility	BERKELEY, MO
	5:14 AM Departed FedEx location	MEMPHIS, TN
Sep 2, 2008	1:29 AM Arrived at FedEx location	MEMPHIS, TN
	5:25 PM Left FedEx origin facility	PASCO, WA
	5:06 PM Package data transmitted to FedEx	
	4:17 PM Picked up	PASCO, WA

[Signature proof](#) [E-mail results](#) [Track more shipments/o](#)

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	Language	Exception updates
	English	<input type="checkbox"/>

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](#)

Lot #(s):
- 4499 -

F8L030174
176
179
202

F8L030220
213

Client: Hamford
Quote No: 80380, 79524
79617, 8006

Condition Upon Receipt Form
COC/RFA No: See Below
Initiated By: AB

Date: 9-3-08
Time: 9:30

Shipper Name: FE

Shipping Information

Shipping # (s):*
1. 7970 7577 468
2. 7960 7666 442
3. 7970 7571 6487
4. _____
5. _____

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

108-053-38, 28
F02-009-057, 060, 058, 059,
S08-006-416, 432, 433
F08-127-001,
AB 9-3-08
F08-154-007, 001, 004

BIVML2(1XLA) received broken

Corrective Action:

Client Contact Name: _____ Informed by: _____
 Sample(s) processed "as is"
 Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: mill Date: 09-04-08

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.

our 4494

SDG# 1 SLT# 1 DUOR HANFORD SL751		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C. # S08-006-416	
Collector Scott E. Hamaker		Contact/Requester Steve Trent		Telephone No. 509-373-5869	
SAF No. S08-006		Sampling Origin Hanford Site		Purchase Order/Charge Code	
Project Title SURV. JUNE 2008		HWF-N-506-11		Ice Chest No. <i>3ML-442</i> Temp. <i>60S-009</i>	
Shipped To (Lab) Waste Sampling & Characterization		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. <i>7946 7446 4442</i>	
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 Site-Wide Generator Knowledge Information Form applies.		
			Hold Time		Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1VMJ7 (F)	W 8P04255	W	8/27/08	1144	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1VMJ8	4256	W			1x500-mL G/P	ALPHABETA_GPC: Alpha discrete + Beta (2); ALPHABETA_GPC: Alpha discrete + Beta (2)	HNO3 to pH <2
B1VMJ8		W			1x250-mL G	TRITIUM_EIE_LSC: Tritium (1) X	None
B1VMJ8		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5) X	Cool-4C
B1VMJ8		W			1x500-mL G/P	200.8_METALS_ICPMS: Uranium (1) X	HNO3 to pH <2
B1VMJ8		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (25) X	HCl or H2SO4 to pH <2 Cool-4C
B1VMJ8		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18) X	HNO3 to pH <2
B1VMJ8		W			1x250-mL G/P	2320_ALKALINITY: Alkalinity (1) X	Cool-4C
B1VMJ8		W			4x1000-mL aG	8270_SVOA_GCMS: List-1 (13) X	Cool-4C
B1VMJ8		W			2x1000-mL P	TC99_ETVDSK_LSC: Tc-99 (1) X	HCl to pH <2

ICED

Relinquished By Scott E. Hamaker	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time AUG 27 2008	Received By Victor [Signature]	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time AUG 27 2008	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By <i>[Signature]</i>			Date/Time 9/2/08 1435	Received By D.J. Sparks			Date/Time 9/2/08 1435	
Relinquished By D.J. Sparks			Date/Time SEP 02 2008	Received By FEDEX			Date/Time SEP 02 2008	
Relinquished By FEDEX			Date/Time	Received By Angela [Signature]			Date/Time 9-3-08 9:30	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time	

SDG
SL7

LUOR HANFORD 5L751	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # S08-006-432 Page 1 of 1
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Collector Scott E. Hamaker	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. S08-006	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title SURV. JUNE 2008	HNF-W-56-16	Ice Chest No. SML 442 605-029 9-2-08 Temp.
Shipped To (Lab)	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7666 4442
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 Site-Wide Generator Knowledge Information Form applies.
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Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1VMK9 (F)	W-6P0042	W	8/27/08	1339	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1VML0	4250	W			1x500-mL G/P	ALPHABETA_GPC: Alpha discrete + Beta (2); ALPHABETA_GPC: Alpha discrete + Beta (2)	HNO3 to pH <2
B1VML0		W			1x250-mL G	TRITIUM_EIE_LSC: Tritium (1)	None
B1VML0		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool-4C
B1VML0		W			1x500-mL G/P	200.8_METALS_ICPMS: Uranium (1)	HNO3 to pH <2
B1VML0		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (25)	HCl or H2SO4 to pH <2 Cool-4C
B1VML0		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1VML0		W			1x250-mL G/P	2320_ALKALINITY: Alkalinity (1)	Cool-4C
B1VML0		W			1x1000-mL G/P	TC99_3MDSK_LSC: Tc-99 (1)	HCl to pH <2
B1VML0		W			4x1000-mL aG	8270_SVOA_GCMS: List-1 (13)	Cool-4C
<div style="font-size: 48px; font-weight: bold; opacity: 0.5;">ICED</div>							

Relinquished By Scott E. Hamaker Date/Time AUG 27 2008	Received By [Signature] Date/Time AUG 27 2008	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
Relinquished By [Signature] Date/Time 9/2/08 1435	Received By [Signature] Date/Time 9/2/08 1435	
Relinquished By D. J. Sparks Date/Time SEP 02 2008	Received By [Signature] Date/Time SEP 02 2008	
Relinquished By [Signature] Date/Time	Received By [Signature] Date/Time 9-30-08 9:30	

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

137

TestAmerica St. Louis

Collector Scott E. Hamaker	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN FAX
SAF No. S08-006	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title SURV JUNE 2008	HNF-W-506-16	Ice Chest No. 605-024	Temp. 9-2-08
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 79609466 4442	Offsite Property No.
Protocol SURV	Priority: 45 Days		

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
B1VML1 (F)	W08P009251	W	8/27/08	1339	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1VML2	4222	W			1x500-mL G/P	ALPHABETA_GPC: Alpha discrete + Beta (2); ALPHABETA_GPC: Alpha discrete + Beta (2)	HNO3 to pH <2
B1VML2		W			1x250-mL G	TRITIUM_EIE_LSC: Tritium (1)	None
B1VML2		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool-4C
B1VML2		W			1x500-mL G/P	200.8_METALS_ICPMS: Uranium (1)	HNO3 to pH <2
B1VML2		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (25)	HCl or H2SO4 to pH <2 Cool-4C
B1VML2		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1VML2		W			1x250-mL G/P	2320_ALKALINITY: Alkalinity (1)	Cool-4C
B1VML2		W			1x1000-mL G/P	TC99-3MDSK_LSC: Tc-99 (1)	HCl to pH <2
B1VML2		W			4x1000-mL aG	8270_SVOA_GCMS: List-1 (13)	Cool-4C
							ICED

Relinquished By Scott E. Hamaker Print Sign Date/Time AUG 27 2008	Received By [Signature] Print Sign Date/Time AUG 27 2008	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Lining SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By [Signature] Date/Time 9/2/08 1435	Received By D.J. Sparks Date/Time 9/2/08 1435		
Relinquished By D.J. Sparks Date/Time SEP 02 2008	Received By FedEx Date/Time SEP 02 2008		
Relinquished By [Signature] Date/Time	Received By Brunson Angela Date/Time 9-3-08 9:30		
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796076664442	Reference	SML-442
Signed for by	B.DANIELS	Destination	Earth City, MO
Ship date	Sep 2, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 3, 2008 9:30 AM	Service type	Priority Overnight
		Weight	111.0 lbs.
Status	Delivered		
Signature image available	<u>Yes</u>		

Date/Time	Activity	Location
Sep 3, 2008	9:30 AM Delivered	Earth City, MO
	8:06 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:55 AM At local FedEx facility	EARTH CITY, MO
	5:38 AM At dest sort facility	BERKELEY, MO
	5:14 AM Departed FedEx location	MEMPHIS, TN
	1:29 AM Arrived at FedEx location	MEMPHIS, TN
Sep 2, 2008	5:25 PM Left FedEx origin facility	PASCO, WA
	5:06 PM Package data transmitted to FedEx	
	4:17 PM Picked up	PASCO, WA

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	Language	Exception updates	
	English	<input type="checkbox"/>	

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](#)



Lot #(s): F8I630174 F8I030220
- 4499 - 176 223
179
202

Client: Hampford COC/RFA No: See Below Date: 9-3-08
Quote No: 80380, 74524 Initiated By: AB Time: 9:30
79617, 8046

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7970 7577 464 6. _____
2. 7960 7606 4942 7. _____
3. 7970 7571 6487 8. _____
4. _____ 9. _____
5. _____ 10. _____

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

I08-053-38,28
F08-009-057,060,058,059,
S08-006-416,432,433
F08-127001,
AB 9-3-08
F08-154-007,001,004

BIVML2 (1XLA) received broken

Corrective Action:

Client Contact Name: _____ Informed by: _____
 Sample(s) processed "as is"
 Sample(s) on hold until: _____
Project Management Review: mill Date: 09-04-08

Collector RM Arnold	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN	FAX
SAF No. W08-009	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title RCRA SEPTEMBER 2008	HNF-w-506-19	Ice Chest No. GWS 028	Temp.	
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7794 0071		
Protocol RCRA	Priority: 30 Days PRIORITY		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 Form applies. Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X1C0 (F)		W	9-3-08	1255	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X1C1		W	1	1	1x20-mL P	Activity Scan	6 Months	None
B1X1C1		W	9-3-08	1255	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By RM Arnold	Print <i>RM Arnold</i>	Sign <i>RM Arnold</i>	Date/Time SEP 03 2008 1400	Received By FED EX	Print <i>FED EX</i>	Sign <i>FED EX</i>	Date/Time 9/4/08 1000
Relinquished By FED EX			Date/Time	Received By B-AL			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By 33			Date/Time	Received By			Date/Time

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

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

Collector RM Arnold	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN FAX
SAF No. W08-009	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title RCRA SEPTEMBER 2008	HNF-N-506-1P	Ice Chest No. GWS 028	Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7794 0071	Offsite Property No.
Protocol RCRA	Priority: 30 Days PRIORITY		

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 Form applies. Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X167 (F)		W	9-3-08	1148	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X168		W	1	1	1x20-mL P	Activity Scan	6 Months	None
B1X168		W	9-3-08	1148	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

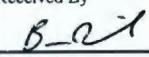
Relinquished By RM Arnold	Print <i>RM Arnold</i>	Sign <i>RM Arnold</i>	Date/Time SEP 03 2008 1400	Received By FED EX	Print <i>FED EX</i>	Sign <i>FED EX</i>	Date/Time 9/4/08 1000	Matrix * S = Soil DS = Drum Solid SE = Sediment DI = Drum L.ioni SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FED EX			Date/Time	Received By <i>6-121</i>			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By 36			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time	

SDC# SLT# 13751	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W08-009-299
Collector D. J. Sparks		Page <u>1</u> of <u>1</u>

Contact/Requester Mike Neely	Telephone No. MSIN FAX 509-373-0654	
Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title RCRA SEPTEMBER 2008	Ice Chest No. Temp. <i>1050</i>	
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7760-7792-4579
Protocol RCRA	Priority: 30 Days PRIORITY	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 Form applies.	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	--	---

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X059 (F)		W	9/3/08	0829	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X060		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1X060		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By D. J. Sparks	Print	Sign 	Date/Time 9/3/08	Received By FedEx	Print	Sign 	Date/Time 9/4/08	Matrix *
Relinquished By FedEx			Date/Time	Received By B. J.			Date/Time 10/1/08	S = Soil SF = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By 37			Date/Time	Received By			Date/Time	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)						Disposed By	Date/Time

SDO# 1
 SLT 1
 QUOR HANFORD
 5L751

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
W08-009-315

Page 1 of 1

Collector D. J. Sparks	Contact/Requester Mike Neely	Telephone No. MSIN FAX 509-373-0654
SAF No. W08-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, SEPTEMBER 2008	HNF-N-506-17/42	Ice Chest No. Temp. 623 1050
Shipped To (Lab) TestAmerica St. Louis		Bill of Lading/Air Bill No. 7860-7792-4579
Protocol RCRA	Method of Shipment Govt. Vehicle	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 Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X069 (F)		W	9/3/08	0949	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X070		W			1x20-mL P	Activity Scan	6 Months	None
B1X070		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By Print Sign D. J. Sparks	Date/Time 9/3/08	Med	Received By Print Sign FEDEx	Date/Time 9/4/08	Date/Time 1000	Matrix * S = Soil DS = Drum Solid SE = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FEDEx	Date/Time		Received By B-L	Date/Time	Date/Time	
Relinquished By	Date/Time		Received By	Date/Time	Date/Time	
Relinquished By 39	Date/Time		Received By	Date/Time	Date/Time	

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

137

TestAmerica St. Louis

Collector D. J. Sparks	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN FAX
IAF No. W08-009	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title RCRA SEPTEMBER 2008	HNF-N-506-17/42443	Ice Chest No. 2WS-1050	Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960-7792-4579	
Protocol RCRA	Priority: 30 Days PRIORITY	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 Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X084 (F)		W	9/3/08	1024	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X085		W	✓	✓	1x20-mL P	Activity Scan	6 Months	None
B1X085		W	✓	✓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By D. J. Sparks	Print 	Sign 	Date/Time 9/3/08	Received By FedEx	Print 	Sign 	Date/Time 9/4/08	Matrix * S = Soil DS = Drum Solid SE = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By FED Ex	Print 	Sign 	Date/Time 9/3/08	Received By B-N-T	Print 	Sign 	Date/Time 9/4/08	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
Relinquished By 41	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time	

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077940071	Reference	GWS-028
Signed for by	B.DANIELS	Destination	Earth City, MO
Ship date	Sep 3, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	Service type	Priority Overnight
		Weight	45.0 lbs.

Status	Delivered
Signature image available	Yes

Date/Time	Activity	Location
Sep 4, 2008	10:05 AM Delivered	Earth City, MO
	7:39 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:34 AM At local FedEx facility	EARTH CITY, MO
	7:23 AM At dest sort facility	BERKELEY, MO
Sep 3, 2008	5:42 AM Departed FedEx location	MEMPHIS, TN
	5:22 PM Left FedEx origin facility	PASCO, WA
	4:17 PM Picked up	PASCO, WA
	4:13 PM Package data transmitted to FedEx	

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	Language	Exception updates	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

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](#)

IMPORTANT!

Severe weather may cause some service delays and disruptions along the Gulf Coast. [Learn more](#)

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077924579	Reference	GWS-1050
Signed for by	B.DANIELS	Destination	Earth City, MO
Ship date	Sep 3, 2008	Delivered to	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	Service type	Priority Overnight
		Weight	76.0 lbs.

Status Delivered

Signature image available [Yes](#)

Date/Time	Activity	Location
Sep 4, 2008	10:05 AM Delivered	Earth City, MO
	7:38 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:33 AM At local FedEx facility	EARTH CITY, MO
	7:23 AM At dest sort facility	BERKELEY, MO
	5:42 AM Departed FedEx location	MEMPHIS, TN
Sep 3, 2008	1:11 AM Arrived at FedEx location	MEMPHIS, TN
	5:22 PM Left FedEx origin facility	PASCO, WA
	4:17 PM Picked up	PASCO, WA
	4:07 PM Package data transmitted to FedEx	

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address	Language	Exception updates	I
	English	<input type="checkbox"/>	

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](#)

Lot #(s): F8I040229 239 267 050105 TestAmerica St. Louis

- 1 -

Client: Hanford COC/RFA No: See below Condition Upon Receipt Form Date: 9/4/08
 Quote No: 80692, 80697 Initiated By: bl Time: 1200

Shipping Information

Shipper Name: <u>FE</u>	Multiple Packages <input checked="" type="radio"/> Y <input type="radio"/> N
Shipping # (s):*	Sample Temperature (S):**
1. <u>7970 7703 6200</u>	1. <u>4</u> 6. <u>5</u>
2. <u>7960 7792 4606</u>	2. <u>2</u> 7. <u>2</u>
3. <u>7793 4801</u>	3. <u>2</u> 8. <u></u>
4. <u>7792 4579</u>	4. <u>2</u> 9. <u></u>
5. <u>7794 0071</u>	5. <u>2</u> 10. <u></u>

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

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

Notes: 1. W08-009-7, 105, 117, 111
2. I08-058-109, 109, 106, W08-009-61, 43, 73, 55
3. I08-058-110, W08-009-23, 99
4. I08-058-115, W08-009-299, 279, 315, 329, 337, 307, 11
5. W09-009-141, 205, 206, 197, 133, 149
6. W08-009-125, 189, 181, 223, 217, 211
7. W08-009-24, 27, 15

Corrective Action:

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

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

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1WKK6

GC/MS Semivolatiles

Lot-Sample #....: FBI030139-001 Work Order #....: KV6RKLAC Matrix.....: WATER
 Date Sampled....: 08/29/08 Date Received...: 09/02/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2-Fluorophenol	36	(15 - 78)		
Phenol-d5	21	(15 - 63)		
Nitrobenzene-d5	50	(20 - 103)		
2-Fluorobiphenyl	50	(20 - 103)		
2,4,6-Tribromophenol	73	(20 - 110)		
Terphenyl-d14	70	(15 - 114)		

Fluor Hanford Inc

B1WKK6

GC/MS Semivolatiles

Lot-Sample #: F8I030139-001

Work Order #: KV6RKLAC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		62	M 4.0254	ug/L
Unknown		5.4	M 4.6718	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WDN7

GC/MS Semivolatiles

Lot-Sample #....: F8I030174-001 Work Order #....: KV64GLAA Matrix.....: WATER
 Date Sampled....: 08/29/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.0
Methylphenols (total)	ND	30	ug/L	3.0
2-Picoline	ND	20	ug/L	1.0
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.5
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	40	(15 - 78)
Phenol-d5	24	(15 - 63)
Nitrobenzene-d5	56	(20 - 103)
2-Fluorobiphenyl	57	(20 - 103)
2,4,6-Tribromophenol	73	(20 - 110)
Terphenyl-d14	63	(15 - 114)

Fluor Hanford Inc

B1WDM7

GC/MS Semivolatiles

Lot-Sample #: FBI030174-001

Work Order #: KV64G1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		93	M 4.0398	ug/L

NOTE(S) :

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

Fluor Hanford Inc

Client Sample ID: B1WDN1

GC/MS Semivolatiles

Lot-Sample #....: F8I030174-002 Work Order #....: KV7C71AA Matrix.....: WATER
 Date Sampled....: 08/26/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.0
Methylphenols (total)	ND	30	ug/L	3.0
2-Picoline	ND	20	ug/L	1.0
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.5
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	41	(15 - 78)
Phenol-d5	25	(15 - 63)
Nitrobenzene-d5	56	(20 - 103)
2-Fluorobiphenyl	55	(20 - 103)
2,4,6-Tribromophenol	79	(20 - 110)
Terphenyl-d14	68	(15 - 114)

Fluor Hanford Inc

B1WDN1

GC/MS Semivolatiles

Lot-Sample #: F8I030174-002

Work Order #: KV7C71AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		79	M 4.0399	ug/L
Unknown		6.7	M 4.6863	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1VMJ8

GC/MS Semivolatiles

Lot-Sample #....: F8I030179-001 Work Order #....: KV6471AA Matrix.....: WATER
 Date Sampled...: 08/27/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.0
2-Picoline	ND	20	ug/L	1.0
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	5.6 J	10	ug/L	1.5
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	40	(15 - 78)
Phenol-d5	24	(15 - 63)
Nitrobenzene-d5	56	(20 - 103)
2-Fluorobiphenyl	55	(20 - 103)
2,4,6-Tribromophenol	75	(20 - 110)
Terphenyl-d14	62	(15 - 114)

NOTE(S) :

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1VMJ8

GC/MS Semivolatiles

Lot-Sample #: F8I030179-001

Work Order #: KV6471AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		59	M 4.0347	ug/L

NOTE(S) :

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

Fluor Hanford Inc

Client Sample ID: B1VML0

GC/MS Semivolatiles

Lot-Sample #....: F8I030179-002 Work Order #....: KV7F01AA Matrix.....: WATER
 Date Sampled....: 08/27/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.0
2-Picoline	ND	20	ug/L	1.0
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.5
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	37	(15 - 78)
Phenol-d5	22	(15 - 63)
Nitrobenzene-d5	53	(20 - 103)
2-Fluorobiphenyl	51	(20 - 103)
2,4,6-Tribromophenol	64	(20 - 110)
Terphenyl-d14	52	(15 - 114)

Fluor Hanford Inc

B1VML0

GC/MS Semivolatiles

Lot-Sample #: FBI030179-002

Work Order #: KV7F01AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		21	M 4.0328	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1VML2

GC/MS Semivolatiles

Lot-Sample #....: F8I030179-003 Work Order #....: KV7F81AA Matrix.....: WATER
 Date Sampled....: 08/27/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.0
2-Picoline	ND	20	ug/L	1.0
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.5
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	34	(15 - 78)
Phenol-d5	21	(15 - 63)
Nitrobenzene-d5	50	(20 - 103)
2-Fluorobiphenyl	43	(20 - 103)
2,4,6-Tribromophenol	66	(20 - 110)
Terphenyl-d14	61	(15 - 114)

Fluor Hanford Inc

BIVML2

GC/MS Semivolatiles

Lot-Sample #: F8I030179-003

Work Order #: KV7F81AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		34	M 4.0249	ug/L

NOTE(S) :

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: SL751
 MB Lot-Sample #: F8I030000-479

Work Order #....: KV8L11AA

Matrix.....: WATER

Analysis Date...: 09/08/08
 Dilution Factor: 1

Prep Date.....: 09/03/08

Prep Batch #....: 8247479

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
1,4-Dioxane	ND	10	ug/L	SW846 8270C
Methylphenols (total)	ND	30	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
Benzothiazole	ND	10	ug/L	SW846 8270C
Tributyl phosphate	ND	10	ug/L	SW846 8270C
Tris(2-chloroethyl)phosph	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	35	(15 - 78)
Phenol-d5	21	(15 - 63)
Nitrobenzene-d5	48	(20 - 103)
2-Fluorobiphenyl	47	(20 - 103)
2,4,6-Tribromophenol	63	(20 - 110)
Terphenyl-d14	52	(15 - 114)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F8I030000-479 B Work Order #: KV8L11AA Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

<u>PARAMETER</u>	<u>CAS #</u>	<u>ESTIMATED RESULT</u>	<u>RETENTION TIME</u>	<u>UNITS</u>
Unknown aldol condensate		27	M 4.0287	ug/L

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #....: F8I030179 Work Order #....: KV8L11AC Matrix.....: WATER
 LCS Lot-Sample#: F8I030000-479
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #....: 8247479
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
3-Methylphenol & 4-Methylphenol	100	62.0	ug/L	62	SW846 8270C
Phenol	100	29.2	ug/L	29	SW846 8270C
1,4-Dichlorobenzene	100	43.4	ug/L	43	SW846 8270C
2-Methylphenol	100	61.9	ug/L	62	SW846 8270C
2-Nitrophenol	100	68.2	ug/L	68	SW846 8270C
2,4-Dichlorophenol	100	73.6	ug/L	74	SW846 8270C
Naphthalene	100	50.3	ug/L	50	SW846 8270C
Pentachlorophenol	100	62.6	ug/L	63	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	61.4	ug/L	61	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2-Fluorophenol	43	(15 - 58)
Phenol-d5	28	(10 - 39)
Nitrobenzene-d5	58	(22 - 94)
2-Fluorobiphenyl	58	(20 - 97)
2,4,6-Tribromophenol	81	(23 - 102)
Terphenyl-d14	66	(30 - 114)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I030179 Work Order #...: KV6471AC-MS Matrix.....: WATER
 MS Lot-Sample #: F8I030179-001 KV6471AD-MSD
 Date Sampled...: 08/27/08 Date Received...: 09/03/08
 Prep Date.....: 09/03/08 Analysis Date...: 09/08/08
 Prep Batch #...: 8247479
 Dilution Factor: 1

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
3-Methylphenol & 4-Methylphenol	ND	95.2	54.4	ug/L	57		SW846 8270C
	ND	96.4	61.6	ug/L	64	12	SW846 8270C
Phenol	ND	95.2	25.6	ug/L	27		SW846 8270C
	ND	96.4	27.6	ug/L	29	7.2	SW846 8270C
1,4-Dichlorobenzene	ND	95.2	45.8	ug/L	48		SW846 8270C
	ND	96.4	47.2	ug/L	49	3.0	SW846 8270C
2-Methylphenol	ND	95.2	55.2	ug/L	58		SW846 8270C
	ND	96.4	61.5	ug/L	64	11	SW846 8270C
2-Nitrophenol	ND	95.2	63.4	ug/L	67		SW846 8270C
	ND	96.4	68.4	ug/L	71	7.6	SW846 8270C
2,4-Dichlorophenol	ND	95.2	65.9	ug/L	69		SW846 8270C
	ND	96.4	74.9	ug/L	78	13	SW846 8270C
Naphthalene	ND	95.2	53.7	ug/L	56		SW846 8270C
	ND	96.4	57.5	ug/L	60	6.9	SW846 8270C
Pentachlorophenol	ND	95.2	62.1	ug/L	65		SW846 8270C
	ND	96.4	69.6	ug/L	72	11	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	95.2	56.7	ug/L	60		SW846 8270C
	ND	96.4	63.4	ug/L	66	11	SW846 8270C

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
2-Fluorophenol	41	(15 - 78)
	42	(15 - 78)
Phenol-d5	27	(15 - 63)
	28	(15 - 63)
Nitrobenzene-d5	58	(20 - 103)
	60	(20 - 103)
2-Fluorobiphenyl	64	(20 - 103)
	71	(20 - 103)
2,4,6-Tribromophenol	78	(20 - 110)
	86	(20 - 110)
Terphenyl-d14	63	(15 - 114)
	70	(15 - 114)

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: B1X1B6

DISSOLVED Metals

Lot-Sample #....: F8I040229-001

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	58.8 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	99500 C,D	25000	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AF
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	28100	25000	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AL
		Dilution Factor: 5		MDL.....: 550		
Manganese	1.4 B	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8980 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X1B6

DISSOLVED Metals

Lot-Sample #...: F8I040229-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Sodium	17500	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	527 D	250	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	14.0 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R01AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X1B7

TOTAL Metals

Lot-Sample #...: F8I040229-002

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	59.1 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	95700 D	25000	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	122	100	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	27100	25000	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AM
		Dilution Factor: 5		MDL.....: 550		
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7190	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R41AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1B7

TOTAL Metals

Lot-Sample #...: F8I040229-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Sodium	16900	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9R41AT
		Dilution Factor: 1			MDL.....: 134		
Strontium	499 D	250	ug/L		SW846 6010B	09/16-09/17/08	KV9R41AU
		Dilution Factor: 5			MDL.....: 2.7		
Vanadium	14.6 B	50.0	ug/L		SW846 6010B	09/16-09/17/08	KV9R41AV
		Dilution Factor: 1			MDL.....: 4.1		
Zinc	ND	20.0	ug/L		SW846 6010B	09/16-09/17/08	KV9R41AW
		Dilution Factor: 1			MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X1C0

DISSOLVED Metals

Lot-Sample #...: F8I040229-003

Date Sampled...: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: B261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	58.2 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	99100 C,D	25000	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AF
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	26300	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8700 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R71AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1C0

DISSOLVED Metals

Lot-Sample #...: F8I040229-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Sodium	17000	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9R71AR
		Dilution Factor: 1			MDL.....: 134		
Strontium	514 D	250	ug/L		SW846 6010B	09/17-09/18/08	KV9R71AT
		Dilution Factor: 5			MDL.....: 2.7		
Vanadium	13.2 B	50.0	ug/L		SW846 6010B	09/17-09/18/08	KV9R71AU
		Dilution Factor: 1			MDL.....: 4.1		
Zinc	5.9 B,C	20.0	ug/L		SW846 6010B	09/17-09/18/08	KV9R71AV
		Dilution Factor: 1			MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1K1C1

TOTAL Metals

Lot-Sample #: F8I040229-004
 Date Sampled: 09/03/08

Date Received: 09/04/08

Matrix: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	59.3 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	92300 D	25000	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	69.9 B	100	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	26400	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8720	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1C1

TOTAL Metals

Lot-Sample #...: F8I040229-004

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	17000	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	497 D	250	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	14.6 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9R81AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X1B1

DISSOLVED Metals

Lot-Sample #...: F8I040229-005

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	52.0 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	66700 C,D	25000	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AF
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	4.7 B	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	18400	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.3 B	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8150 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1B1

DISSOLVED Metals

Lot-Sample #....: F8I040229-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	14000	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	324 D	250	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	15.8 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9R91AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1K1B2

TOTAL Metals

Lot-Sample #...: F8I040229-006

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	55.5 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	67700 D	25000	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	5.5 B	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	19900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8570	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1B2

TOTAL Metals

Lot-Sample #....: F8I040229-006

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Sodium	15000	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	337 D	250	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.1 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TF1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.6 B	20.0	ug/L	SWB46 6010B	09/16-09/17/08	KV9TF1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X157

DISSOLVED Metals

Lot-Sample #...: F8I040229-007

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	39.2 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	44800 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	12900	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8320 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X157

DISSOLVED Metals

Lot-Sample #....: F8I040229-007

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	12600	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	218	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	18.3 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TG1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1X158

TOTAL Metals

Lot-Sample #....: FBI040229-008

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #....: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	39.1 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	44900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	5.9 B	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	31.1 B	100	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	12900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6200	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X158

TOTAL Metals

Lot-Sample #....: F8I040229-008

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	12500	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	222	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	19.2 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TH1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: BIX167

DISSOLVED Metals

Lot-Sample #...: F8I040229-009

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	84.5 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	129000 C,D	25000	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AF
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	5.8 B	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	33800	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	10300 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TL1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X167

DISSOLVED Metals

Lot-Sample #....: F8I040229-009

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	23000	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TLL1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	589 D	250	ug/L	SW846 6010B	09/17-09/18/08	KV9TLL1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	16.3 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TLL1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.9 B,C	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TLL1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X168

TOTAL Metals

Lot-Sample #....: F8I040229-010

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #....: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	88.7 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	127000 D	25000	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAG
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	16.7	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	54.8 B	100	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	34200	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAM
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.3 B	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	10600	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X168

TOTAL Metals

Lot-Sample #....: F8I040229-010

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	23200	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAT
		Dilution Factor: 1		MDL.....: 134		
Strontium	600 D	250	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.4 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TMLAW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X059

DISSOLVED Metals

Lot-Sample #...: F8I040229-011

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	21.4 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	20100 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	19.4 B	100	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	7080	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.4 B	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2260 B,C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X059

DISSOLVED Metals

Lot-Sample #....: F8I040229-011

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	19000	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	75.1	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.3 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TN1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: BIX060

TOTAL Metals

Lot-Sample #...: F8I040229-012

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	24.1 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	21200	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	10.8	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	142	100	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	7560	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	5.8 B	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2400 B	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X060

TOTAL Metals

Lot-Sample #....: F8I040229-012

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	19900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	82.0	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	33.1 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TP1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X1F9

DISSOLVED Metals

Lot-Sample #....: F8I040229-013

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 8261087							
Antimony	ND	60.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAA
		Dilution Factor: 1			MDL.....: 4.0		
Barium	37.7 B	200	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAC
		Dilution Factor: 1			MDL.....: 0.85		
Beryllium	ND	5.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAD
		Dilution Factor: 1			MDL.....: 0.50		
Cadmium	ND	5.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAE
		Dilution Factor: 1			MDL.....: 0.45		
Calcium	31000 C	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAF
		Dilution Factor: 1			MDL.....: 18.6		
Chromium	69.3	10.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAG
		Dilution Factor: 1			MDL.....: 3.1		
Cobalt	ND	50.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAH
		Dilution Factor: 1			MDL.....: 4.0		
Copper	ND	25.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAJ
		Dilution Factor: 1			MDL.....: 4.6		
Iron	ND	100	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAK
		Dilution Factor: 1			MDL.....: 16.0		
Magnesium	10500	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAL
		Dilution Factor: 1			MDL.....: 110		
Manganese	0.99 B	15.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAM
		Dilution Factor: 1			MDL.....: 0.96		
Nickel	ND	40.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAN
		Dilution Factor: 1			MDL.....: 13.3		
Potassium	4090 B,C	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAP
		Dilution Factor: 1			MDL.....: 1650		
Silver	ND	10.0	ug/L		SW846 6010B	09/17-09/18/08	KV9TVLAQ
		Dilution Factor: 1			MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1F9

DISSOLVED Metals

Lot-Sample #....: F8I040229-013

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	28600	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9TV1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	119	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TV1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.6 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TV1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.4 B,C	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9TV1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1X1H0

TOTAL Metals

Lot-Sample #...: F8I040229-014

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	37.0 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	29300	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	97.3	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	180	100	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10000	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	4.8 B	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	14.2 B	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5130	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TW1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1H0

TOTAL Metals

Lot-Sample #...: FBI040229-014

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	26900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9TWLAT
		Dilution Factor: 1		MDL.....: 134		
Strontium	116	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TWLAU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.9 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TWLAV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10.6 B	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9TWLAW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X069

DISSOLVED Metals

Lot-Sample #...: F8I040229-015

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	41.2 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	26100 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	14.0	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8480	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3950 B,C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X069

DISSOLVED Metals

Lot-Sample #...: F8I040229-015

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	24900	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	106	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	23.3 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T11AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1X070

TOTAL Metals

Lot-Sample #....: F8I040229-016

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #....: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	43.7 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	26900	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	15.5	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	78.8 B	100	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8750	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.7 B	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4430 B	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X070

TOTAL Metals

Lot-Sample #...: F8I040229-016

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	25400	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	112	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	25.4 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T21AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X079

DISSOLVED Metals

Lot-Sample #....: F8I040229-017

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 8261087							
Antimony	ND	60.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AA
		Dilution Factor: 1			MDL.....: 4.0		
Barium	30.5 B	200	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AC
		Dilution Factor: 1			MDL.....: 0.85		
Beryllium	ND	5.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AD
		Dilution Factor: 1			MDL.....: 0.50		
Cadmium	ND	5.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AE
		Dilution Factor: 1			MDL.....: 0.45		
Calcium	23900 C	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AF
		Dilution Factor: 1			MDL.....: 18.6		
Chromium	4.1 B	10.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AG
		Dilution Factor: 1			MDL.....: 3.1		
Cobalt	ND	50.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AH
		Dilution Factor: 1			MDL.....: 4.0		
Copper	ND	25.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AJ
		Dilution Factor: 1			MDL.....: 4.6		
Iron	ND	100	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AK
		Dilution Factor: 1			MDL.....: 16.0		
Magnesium	8110	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AL
		Dilution Factor: 1			MDL.....: 110		
Manganese	ND	15.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AM
		Dilution Factor: 1			MDL.....: 0.96		
Nickel	ND	40.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AN
		Dilution Factor: 1			MDL.....: 13.3		
Potassium	4000 B,C	5000	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AP
		Dilution Factor: 1			MDL.....: 1650		
Silver	ND	10.0	ug/L		SW846 6010B	09/17-09/18/08	KV9T31AQ
		Dilution Factor: 1			MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X079

DISSOLVED Metals

Lot-Sample #....: F8I040229-017

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	24900	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T31AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	89.5	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T31AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.4 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T31AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.7 B,C	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T31AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1X080

TOTAL Metals

Lot-Sample #....: F8I040229-018

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 8260237							
Antimony	ND	60.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AC
		Dilution Factor: 1			MDL.....: 4.0		
Barium	30.7 B	200	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AD
		Dilution Factor: 1			MDL.....: 0.85		
Beryllium	ND	5.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AE
		Dilution Factor: 1			MDL.....: 0.50		
Cadmium	ND	5.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AF
		Dilution Factor: 1			MDL.....: 0.45		
Calcium	24100	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AG
		Dilution Factor: 1			MDL.....: 18.6		
Chromium	4.8 B	10.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AH
		Dilution Factor: 1			MDL.....: 3.1		
Cobalt	ND	50.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AJ
		Dilution Factor: 1			MDL.....: 4.0		
Copper	ND	25.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AK
		Dilution Factor: 1			MDL.....: 4.6		
Iron	50.8 B	100	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AL
		Dilution Factor: 1			MDL.....: 16.0		
Magnesium	8200	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AM
		Dilution Factor: 1			MDL.....: 110		
Manganese	1.7 B	15.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AN
		Dilution Factor: 1			MDL.....: 0.96		
Nickel	ND	40.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AP
		Dilution Factor: 1			MDL.....: 13.3		
Potassium	3950 B	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AQ
		Dilution Factor: 1			MDL.....: 1650		
Silver	ND	10.0	ug/L		SW846 6010B	09/16-09/17/08	KV9T51AR
		Dilution Factor: 1			MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: BLX080

TOTAL Metals

Lot-Sample #....: F8I040229-018

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	24800	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T51AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	92.2	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T51AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	30.8 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T51AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	19.7 B	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T51AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X084

DISSOLVED Metals

Lot-Sample #....: F8I040229-019

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #....: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	33.5 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	26700 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8890	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4550 B,C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X084

DISSOLVED Metals

Lot-Sample #....: F8I040229-019

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Sodium	29500	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	103	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.0 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T71AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1X085

TOTAL Metals

Lot-Sample #...: F8I040229-020

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	34.2 B	200	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	26600	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8830	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5060	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X085

TOTAL Metals

Lot-Sample #....: F8I040229-020

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	29000	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	106	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.9 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.3 B	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9T81AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X064

DISSOLVED Metals

Lot-Sample #....: F8I040229-021
 Date Sampled....: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #....: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	34.8 B	200	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	27900 C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	9.2 B	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	34.5 B	100	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8770	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3990 B,C	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X064

DISSOLVED Metals

Lot-Sample #....: F8I040229-021

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Sodium	28000	5000	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	110	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	24.9 B	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9T91AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Fluor Hanford Inc

Client Sample ID: B1X065

TOTAL Metals

Lot-Sample #....: F8I040229-022

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 8260237							
Antimony	ND	60.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AC
		Dilution Factor: 1			MDL.....: 4.0		
Barium	37.6 B	200	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AD
		Dilution Factor: 1			MDL.....: 0.85		
Beryllium	ND	5.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AE
		Dilution Factor: 1			MDL.....: 0.50		
Cadmium	ND	5.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AF
		Dilution Factor: 1			MDL.....: 0.45		
Calcium	29400	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AG
		Dilution Factor: 1			MDL.....: 18.6		
Chromium	18.3	10.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AH
		Dilution Factor: 1			MDL.....: 3.1		
Cobalt	ND	50.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AJ
		Dilution Factor: 1			MDL.....: 4.0		
Copper	ND	25.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AK
		Dilution Factor: 1			MDL.....: 4.6		
Iron	103	100	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AL
		Dilution Factor: 1			MDL.....: 16.0		
Magnesium	9260	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AM
		Dilution Factor: 1			MDL.....: 110		
Manganese	2.6 B	15.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AN
		Dilution Factor: 1			MDL.....: 0.96		
Nickel	ND	40.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AP
		Dilution Factor: 1			MDL.....: 13.3		
Potassium	3430 B	5000	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AQ
		Dilution Factor: 1			MDL.....: 1650		
Silver	ND	10.0	ug/L		SW846 6010B	09/16-09/17/08	KV9VC1AR
		Dilution Factor: 1			MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X065

TOTAL Metals

Lot-Sample #...: F8I040229-022

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Sodium	29200	5000	ug/L	SW846 6010B	09/16-09/17/08	KV9VC1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	119	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9VC1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	27.9 B	50.0	ug/L	SW846 6010B	09/16-09/17/08	KV9VC1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.3 B	20.0	ug/L	SW846 6010B	09/16-09/17/08	KV9VC1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: SL751

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I160000-237 Prep Batch #....: 8260237						
Antimony	ND	60.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: SL751

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>	
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>	
Strontium	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AT	
		Dilution Factor: 1					
Vanadium	ND	50.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AU	
		Dilution Factor: 1					
Zinc	ND	20.0	ug/L	SW846 6010B	09/16-09/17/08	KWX3Q1AV	
		Dilution Factor: 1					

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL751

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MB Lot-Sample #: F8I170000-087 Prep Batch #...: 8261087						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AE
		Dilution Factor: 1				
Calcium	29.8 B	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AH
		Dilution Factor: 1				
Copper	43.9	25.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AM
		Dilution Factor: 1				
Nickel	49.9	40.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AN
		Dilution Factor: 1				
Potassium	2160 B	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL751

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AU
		Dilution Factor: 1				
Zinc	7.0 B	20.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WK1AV
		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 #...: SL751

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #	
LCS Lot-Sample#: F8I160000-237 Prep Batch #...: 8260237								
Antimony	500	525	ug/L	105	SW846 6010B	09/16-09/17/08	KWX3Q1AW	
			Dilution Factor: 1					
Barium	500	528	ug/L	106	SW846 6010B	09/16-09/17/08	KWX3Q1AX	
			Dilution Factor: 1					
Beryllium	500	561	ug/L	112	SW846 6010B	09/16-09/17/08	KWX3Q1A0	
			Dilution Factor: 1					
Cadmium	500	531	ug/L	106	SW846 6010B	09/16-09/17/08	KWX3Q1A1	
			Dilution Factor: 1					
Calcium	10000	10300	ug/L	103	SW846 6010B	09/16-09/17/08	KWX3Q1A2	
			Dilution Factor: 1					
Chromium	500	518	ug/L	104	SW846 6010B	09/16-09/17/08	KWX3Q1A3	
			Dilution Factor: 1					
Cobalt	500	521	ug/L	104	SW846 6010B	09/16-09/17/08	KWX3Q1A4	
			Dilution Factor: 1					
Copper	500	498	ug/L	100	SW846 6010B	09/16-09/17/08	KWX3Q1A5	
			Dilution Factor: 1					
Iron	500	600	ug/L	120	SW846 6010B	09/16-09/17/08	KWX3Q1A6	
			Dilution Factor: 1					
Magnesium	10000	10200	ug/L	102	SW846 6010B	09/16-09/17/08	KWX3Q1A7	
			Dilution Factor: 1					
Manganese	500	532	ug/L	106	SW846 6010B	09/16-09/17/08	KWX3Q1A8	
			Dilution Factor: 1					
Nickel	500	519	ug/L	104	SW846 6010B	09/16-09/17/08	KWX3Q1A9	
			Dilution Factor: 1					
Potassium	12500	10700	ug/L	86	SW846 6010B	09/16-09/17/08	KWX3Q1CA	
			Dilution Factor: 1					
Silver	125	126	ug/L	101	SW846 6010B	09/16-09/17/08	KWX3Q1CC	
			Dilution Factor: 1					

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL751

Matrix.....: WATER

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Sodium	12500	10500	ug/L	84	SW846 6010B	09/16-09/17/08	KWX3Q1CD
			Dilution Factor: 1				
Strontium	500	504	ug/L	101	SW846 6010B	09/16-09/17/08	KWX3Q1CE
			Dilution Factor: 1				
Vanadium	500	524	ug/L	105	SW846 6010B	09/16-09/17/08	KWX3Q1CF
			Dilution Factor: 1				
Zinc	500	565	ug/L	113	SW846 6010B	09/16-09/17/08	KWX3Q1CG
			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 #...: SL751

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8I170000-087 Prep Batch #...: 8261087							
Antimony	500	496	ug/L	99	SW846 6010B	09/17-09/18/08	KW1WK1AW
			Dilution Factor: 1				
Barium	500	519	ug/L	104	SW846 6010B	09/17-09/18/08	KW1WK1AX
			Dilution Factor: 1				
Beryllium	500	536	ug/L	107	SW846 6010B	09/17-09/18/08	KW1WK1A0
			Dilution Factor: 1				
Cadmium	500	517	ug/L	103	SW846 6010B	09/17-09/18/08	KW1WK1A1
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	09/17-09/18/08	KW1WK1A2
			Dilution Factor: 1				
Chromium	500	496	ug/L	99	SW846 6010B	09/17-09/18/08	KW1WK1A3
			Dilution Factor: 1				
Cobalt	500	491	ug/L	98	SW846 6010B	09/17-09/18/08	KW1WK1A4
			Dilution Factor: 1				
Copper	500	491	ug/L	98	SW846 6010B	09/17-09/18/08	KW1WK1A5
			Dilution Factor: 1				
Iron	500	583	ug/L	117	SW846 6010B	09/17-09/18/08	KW1WK1A6
			Dilution Factor: 1				
Magnesium	10000	10200	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WK1A7
			Dilution Factor: 1				
Manganese	500	505	ug/L	101	SW846 6010B	09/17-09/18/08	KW1WK1A8
			Dilution Factor: 1				
Nickel	500	508	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WK1A9
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WK1CA
			Dilution Factor: 1				
Silver	125	125	ug/L	100	SW846 6010B	09/17-09/18/08	KW1WK1CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL751

Matrix.....: WATER

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Sodium	10000	10500	ug/L	105	SW846 6010B	09/17-09/18/08	KW1WK1CD
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/17-09/18/08	KW1WK1CE
			Dilution Factor: 1				
Vanadium	500	505	ug/L	101	SW846 6010B	09/17-09/18/08	KW1WK1CF
			Dilution Factor: 1				
Zinc	500	545	ug/L	109	SW846 6010B	09/17-09/18/08	KW1WK1CG
			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 #....: SL751
 Date Sampled....: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MS Lot-Sample #: F8I040229-002 Prep Batch #....: 8260237

Antimony

ND	250	256	ug/L	102			SW846 6010B	09/16-09/17/08	KV9R41AX
ND	250	256	ug/L	102	0.05		SW846 6010B	09/16-09/17/08	KV9R41A0

Dilution Factor: 1

Barium

59.1	1000	1120	ug/L	106			SW846 6010B	09/16-09/17/08	KV9R41A1
59.1	1000	1120	ug/L	106	0.50		SW846 6010B	09/16-09/17/08	KV9R41A2

Dilution Factor: 1

Beryllium

ND	25.0	27.7	ug/L	111			SW846 6010B	09/16-09/17/08	KV9R41A3
ND	25.0	28.0	ug/L	112	0.82		SW846 6010B	09/16-09/17/08	KV9R41A4

Dilution Factor: 1

Cadmium

ND	25.0	25.6	ug/L	102			SW846 6010B	09/16-09/17/08	KV9R41A5
ND	25.0	25.7	ug/L	103	0.50		SW846 6010B	09/16-09/17/08	KV9R41A6

Dilution Factor: 1

Calcium

95700	25000	121000	ug/L	101			SW846 6010B	09/16-09/17/08	KV9R41A7
				Qualifiers: D					
95700	25000	116000	ug/L	81	4.1		SW846 6010B	09/16-09/17/08	KV9R41A8
				Qualifiers: D					
				Dilution Factor: 5					

Chromium

ND	100	102	ug/L	102			SW846 6010B	09/16-09/17/08	KV9R41A9
ND	100	102	ug/L	102	0.07		SW846 6010B	09/16-09/17/08	KV9R41CA

Dilution Factor: 1

Cobalt

ND	250	244	ug/L	98			SW846 6010B	09/16-09/17/08	KV9R41CC
ND	250	246	ug/L	99	0.91		SW846 6010B	09/16-09/17/08	KV9R41CD

Dilution Factor: 1

Copper

ND	125	126	ug/L	101			SW846 6010B	09/16-09/17/08	KV9R41CE
ND	125	127	ug/L	102	0.97		SW846 6010B	09/16-09/17/08	KV9R41CF

Dilution Factor: 1

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: SL751

Matrix.....: WATER

Date Sampled....: 09/03/08

Date Received...: 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	122	500	682	ug/L	112		SW846 6010B	09/16-09/17/08	KV9R41CG
	122	500	689	ug/L	113	1.0	SW846 6010B	09/16-09/17/08	KV9R41CH
Dilution Factor: 1									
Magnesium									
	27100	25000	53400	ug/L	105		SW846 6010B	09/16-09/17/08	KV9R41CJ
	27100	25000	50700	ug/L	94	5.4	SW846 6010B	09/16-09/17/08	KV9R41CK
Dilution Factor: 5									
Manganese									
	ND	250	258	ug/L	103		SW846 6010B	09/16-09/17/08	KV9R41CL
	ND	250	260	ug/L	104	0.74	SW846 6010B	09/16-09/17/08	KV9R41CM
Dilution Factor: 1									
Nickel									
	ND	250	247	ug/L	99		SW846 6010B	09/16-09/17/08	KV9R41CN
	ND	250	247	ug/L	99	0.10	SW846 6010B	09/16-09/17/08	KV9R41CP
Dilution Factor: 1									
Potassium									
	7190	12500	22200	ug/L	120		SW846 6010B	09/16-09/17/08	KV9R41CQ
	7190	12500	22000	ug/L	118	1.2	SW846 6010B	09/16-09/17/08	KV9R41CR
Dilution Factor: 1									
Silver									
	ND	25.0	25.6	ug/L	102		SW846 6010B	09/16-09/17/08	KV9R41CT
	ND	25.0	25.9	ug/L	103	0.93	SW846 6010B	09/16-09/17/08	KV9R41CU
Dilution Factor: 1									
Sodium									
	16900	12500	29700	ug/L	102		SW846 6010B	09/16-09/17/08	KV9R41CV
	16900	12500	29800	ug/L	103	0.36	SW846 6010B	09/16-09/17/08	KV9R41CW
Dilution Factor: 1									
Strontium									
	499	500	1040 D	ug/L	109		SW846 6010B	09/16-09/17/08	KV9R41CX
	499	500	991 D	ug/L	98	5.2	SW846 6010B	09/16-09/17/08	KV9R41CO
Dilution Factor: 5									
Vanadium									
	14.6	250	271	ug/L	103		SW846 6010B	09/16-09/17/08	KV9R41C1
	14.6	250	273	ug/L	103	0.74	SW846 6010B	09/16-09/17/08	KV9R41C2
Dilution Factor: 1									

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: SL751
 Date Sampled....: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	ND	250	281	ug/L	112		SW846 6010B	09/16-09/17/08	KV9R41C3
	ND	250	281	ug/L	112	0.12	SW846 6010B	09/16-09/17/08	KV9R41C4

Dilution Factor: 1

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL751
 Date Sampled...: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MS Lot-Sample #: F8I040229-001 Prep Batch #...: 8261087

Antimony

ND	250	240	ug/L	96			SW846 6010B	09/17-09/18/08	KV9R01AW
ND	250	242	ug/L	97	0.56		SW846 6010B	09/17-09/18/08	KV9R01AX

Dilution Factor: 1

Barium

58.8	1000	1100	ug/L	104			SW846 6010B	09/17-09/18/08	KV9R01A0
58.8	1000	1110	ug/L	106	1.1		SW846 6010B	09/17-09/18/08	KV9R01A1

Dilution Factor: 1

Beryllium

ND	25.0	26.3	ug/L	105			SW846 6010B	09/17-09/18/08	KV9R01A2
ND	25.0	26.5	ug/L	106	0.75		SW846 6010B	09/17-09/18/08	KV9R01A3

Dilution Factor: 1

Cadmium

ND	25.0	24.4	ug/L	97			SW846 6010B	09/17-09/18/08	KV9R01A4
ND	25.0	24.5	ug/L	98	0.41		SW846 6010B	09/17-09/18/08	KV9R01A5

Dilution Factor: 1

Calcium

99500	25000	125000	ug/L	103			SW846 6010B	09/17-09/18/08	KV9R01A6
Qualifiers: D									
99500	25000	118000	ug/L	75	5.6		SW846 6010B	09/17-09/18/08	KV9R01A7
Qualifiers: D									

Dilution Factor: 5

Chromium

ND	100	96.2	ug/L	96			SW846 6010B	09/17-09/18/08	KV9R01A8
ND	100	97.1	ug/L	97	0.89		SW846 6010B	09/17-09/18/08	KV9R01A9

Dilution Factor: 1

Cobalt

ND	250	228	ug/L	91			SW846 6010B	09/17-09/18/08	KV9R01CA
ND	250	230	ug/L	92	0.70		SW846 6010B	09/17-09/18/08	KV9R01CC

Dilution Factor: 1

Copper

ND	125	124	ug/L	99			SW846 6010B	09/17-09/18/08	KV9R01CD
ND	125	125	ug/L	100	0.55		SW846 6010B	09/17-09/18/08	KV9R01CE

Dilution Factor: 1

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL751
 Date Sampled....: 09/03/08

Date Received...: 09/04/08

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	554	ug/L	111		SW846 6010B	09/17-09/18/08	KV9R01CF
	ND	500	553	ug/L	111	0.23	SW846 6010B	09/17-09/18/08	KV9R01CG
	Dilution Factor: 1								
Magnesium									
	28100	25000	55200	ug/L	108		SW846 6010B	09/17-09/18/08	KV9R01CH
	28100	25000	51800	ug/L	95	6.3	SW846 6010B	09/17-09/18/08	KV9R01CJ
	Dilution Factor: 5								
Manganese									
	1.4	250	245	ug/L	98		SW846 6010B	09/17-09/18/08	KV9R01CK
	1.4	250	247	ug/L	98	0.60	SW846 6010B	09/17-09/18/08	KV9R01CL
	Dilution Factor: 1								
Nickel									
	ND	250	235	ug/L	94		SW846 6010B	09/17-09/18/08	KV9R01CM
	ND	250	237	ug/L	95	0.50	SW846 6010B	09/17-09/18/08	KV9R01CN
	Dilution Factor: 1								
Potassium									
	8980	12500	20500	ug/L	92		SW846 6010B	09/17-09/18/08	KV9R01CP
	8980	12500	22100	ug/L	105	7.5	SW846 6010B	09/17-09/18/08	KV9R01CQ
	Dilution Factor: 1								
Silver									
	ND	25.0	24.5	ug/L	98		SW846 6010B	09/17-09/18/08	KV9R01CR
	ND	25.0	25.0	ug/L	100	2.3	SW846 6010B	09/17-09/18/08	KV9R01CT
	Dilution Factor: 1								
Sodium									
	17500	12500	29400	ug/L	96		SW846 6010B	09/17-09/18/08	KV9R01CU
	17500	12500	30200	ug/L	102	2.6	SW846 6010B	09/17-09/18/08	KV9R01CV
	Dilution Factor: 1								
Strontium									
	527	500	1050 D	ug/L	104		SW846 6010B	09/17-09/18/08	KV9R01CW
	527	500	994 D	ug/L	93	5.0	SW846 6010B	09/17-09/18/08	KV9R01CX
	Dilution Factor: 5								
Vanadium									
	14.0	250	260	ug/L	98		SW846 6010B	09/17-09/18/08	KV9R01CO
	14.0	250	262	ug/L	99	1.0	SW846 6010B	09/17-09/18/08	KV9R01CI
	Dilution Factor: 1								

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL751

Matrix.....: WATER

Date Sampled...: 09/03/08

Date Received...: 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	ND	250	269	ug/L	108		SW846 6010B	09/17-09/18/08	KV9R01C2
	ND	250	273	ug/L	109	1.4	SW846 6010B	09/17-09/18/08	KV9R01C3

Dilution Factor: 1

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1WKE6

General Chemistry

Lot-Sample #....: F8I030139-001
Date Sampled...: 08/29/08

Work Order #....: KV6RK
Date Received...: 09/02/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/09/08	8253191

Dilution Factor: 1 MDL.....: 0.20

Fluor Hanford Inc

Client Sample ID: B1W2F0

General Chemistry

Lot-Sample #...: F8I030145-001
 Date Sampled...: 08/27/08

Work Order #...: KV6TC
 Date Received...: 09/02/08

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.23 B	1.0	mg/L	SW846 9060	09/08/08	8252181
			Dilution Factor: 1	MDL.....: 0.20		
TOX	20.0	5.0	ug/L	SW846 9020B	09/17/08	8256143
			Dilution Factor: 1	MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1W2F1

General Chemistry

Lot-Sample #....: F8I030145-002
 Date Sampled....: 08/27/08

Work Order #....: KV6TF
 Date Received...: 09/02/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	0.29 B	1.0	mg/L	SW846 9060	09/08/08	8252181
			Dilution Factor: 1	MDL.....: 0.20		
TOX	20.3	5.0	ug/L	SW846 9020B	09/17/08	8256143
			Dilution Factor: 1	MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1W2F2

General Chemistry

Lot-Sample #....: F8I030145-003
 Date Sampled....: 08/27/08

Work Order #....: KV6TH
 Date Received...: 09/02/08

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.23 B	1.0	mg/L	SW846 9060	09/08/08	8252181
			Dilution Factor: 1	MDL.....: 0.20		
TOX	20.0	5.0	ug/L	SW846 9020B	09/17/08	8256143
			Dilution Factor: 1	MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1W2F3

General Chemistry

Lot-Sample #...: F8I030145-004
 Date Sampled...: 08/27/08

Work Order #...: KV6TJ
 Date Received...: 09/02/08

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.24 B	1.0	mg/L	SW846 9060	09/08/08	8252181
			Dilution Factor: 1	MDL.....: 0.20		
TOX	18.8	5.0	ug/L	SW846 9020B	09/17/08	8256143
			Dilution Factor: 1	MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WDPI

General Chemistry

Lot-Sample #...: F8I030149-001
 Date Sampled...: 08/29/08

Work Order #...: KV6TW
 Date Received...: 09/02/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Phenol	ND	50.0	ug/L	MCAWW 420.2	09/04-09/08/08	8246267
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/09/08	8253191
		Dilution Factor: 1		MDL.....: 0.20		
Total Sulfide	ND	1.0	mg/L	SW846 9030	09/05/08	8249065
		Dilution Factor: 1		MDL.....: 0.18		
TOX	121	5.0	ug/L	SW846 9020B	09/17/08	8256143
		Dilution Factor: 1		MDL.....: 3.5		

METHOD BLANK REPORT

General Chemistry

Client Lot #....: SL751

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	PREP
		LIMIT	UNITS		ANALYSIS DATE	BATCH #
Phenol	ND	Work Order #: KV5G71AA		MB Lot-Sample #: F8I020000-267	F8I020000-267	8246267
		50.0	ug/L			
		Dilution Factor: 1				
Total Organic Carbon	ND	Work Order #: KWG1L1AA		MB Lot-Sample #: F8I080000-181	SW846 9060	8252181
		1.0	mg/L			
		Dilution Factor: 1				
Total Organic Carbon	ND	Work Order #: KWJ7N1AA		MB Lot-Sample #: F8I090000-191	SW846 9060	8253191
		1.0	mg/L			
		Dilution Factor: 1				
Total Sulfide	ND	Work Order #: KWA291AA		MB Lot-Sample #: F8I050000-065	SW846 9030	8249065
		1.0	mg/L			
		Dilution Factor: 1				
TOX	ND	Work Order #: KW4TQ1AA		MB Lot-Sample #: F8I120000-143	SW846 9020B	8256143
		5.0	ug/L			
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL751

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon				WO#:KWG1L1AC-LCS/KWG1L1AD-LCSD LCS Lot-Sample#: F8I080000-181				
	8.00	8.09	mg/L	101		SW846 9060	09/08/08	8252181
	8.00	8.05	mg/L	101	0.50	SW846 9060	09/08/08	8252181
	Dilution Factor: 1							

Total Organic Carbon				WO#:KWJ7N1AC-LCS/KWJ7N1AD-LCSD LCS Lot-Sample#: F8I090000-191				
	8.00	8.15	mg/L	102		SW846 9060	09/09/08	8253191
	8.00	8.14	mg/L	102	0.09	SW846 9060	09/09/08	8253191
	Dilution Factor: 1							

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL751

Matrix.....: WATER

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Phenol	200	198	ug/L	99	MCAWW 420.2	09/04-09/08/08	8246267
Work Order #: KV5G71AC LCS Lot-Sample#: F8I020000-267							
Dilution Factor: 1							
Total Sulfide	4.00	4.08	mg/L	102	SW846 9030	09/05/08	8249065
Work Order #: KWA291AC LCS Lot-Sample#: F8I050000-065							
Dilution Factor: 1							
TOX	100	98.6	ug/L	99	SW846 9020B	09/17/08	8256143
Work Order #: KW4TQ1AC LCS Lot-Sample#: F8I120000-143							
Dilution Factor: 1							

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #....: SL751
Date Sampled....: 08/29/08

Date Received...: 09/02/08

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Phenol	ND	200	198	ug/L	99	MCAWW 420.2	09/04-09/08/08	F8H280309-001 8246267
			Work Order #....: KV1JF1AG MS Lot-Sample #: F8H280309-001					
			Dilution Factor: 1					
Phenol	ND	200	198	ug/L	99	MCAWW 420.2	09/04-09/08/08	F8I030149-001 8246267
			Work Order #....: KV6TW1AG MS Lot-Sample #: F8I030149-001					
			Dilution Factor: 1					
Total Organic Carbon	0.27	5.00	7.59 N	mg/L	146	SW846 9060	09/08/08	F8H280298-006 8252181
			Work Order #....: KV1HH1AD MS Lot-Sample #: F8H280298-006					
			Dilution Factor: 1					
Total Organic Carbon	ND	5.00	5.40	mg/L	108	SW846 9060	09/08-09/09/08	F8H280316-001 8252181
			Work Order #....: KV1J31AD MS Lot-Sample #: F8H280316-001					
			Dilution Factor: 1					
Total Organic Carbon	ND	5.00	5.54	mg/L	111	SW846 9060	09/09/08	F8I030139-001 8253191
			Work Order #....: KV6RK1AG MS Lot-Sample #: F8I030139-001					
			Dilution Factor: 1					
Total Organic Carbon	ND	5.00	5.79	mg/L	116	SW846 9060	09/09/08	F8I040239-008 8253191
			Work Order #....: KV9XG1A0 MS Lot-Sample #: F8I040239-008					
			Dilution Factor: 1					
Total Sulfide	ND	4.00	3.80	mg/L	95	SW846 9030	09/05/08	F8I030149-001 8249065
			Work Order #....: KV6TW1AH MS Lot-Sample #: F8I030149-001					
			Dilution Factor: 1					
TOX	3.9	100	107	ug/L	103	SW846 9020B	09/17/08	F8I040239-010 8256143
			Work Order #....: KV9XW1A1 MS Lot-Sample #: F8I040239-010					
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8I030139

Work Order #....: KV1JF-SMP
KV1JF-DUP

Matrix.....: WATER

Date Sampled....: 08/26/08

Date Received...: 08/28/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Phenol	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	SD Lot-Sample #: F8H280309-001 09/04-09/08/08	8246267
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8I030139

Work Order #....: KVLJ3-SMP
KVLJ3-DUP

Matrix.....: WATER

Date Sampled....: 08/26/08

Date Received...: 08/28/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Total Organic Carbon	ND	ND	mg/L	0	(0-20)	SD Lot-Sample #: F8H280316-001 SW846 9060	09/08/08	8252181
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8I030139

Work Order #....: KV9XW-SMP
KV9XW-DUP

Matrix.....: WATER

Date Sampled....: 09/02/08

Date Received...: 09/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
TOX	3.9 B	4.6 B	ug/L	17	(0-20)	SD Lot-Sample #: F8I040239-010 SW846 9020B	09/17/08	8256143

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.