TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-009

Lot #: F8I100242
SDG #: SL755

Mike Neely

CH2MHill Plateau Remediation
PO Box 1500
MSIN E6-35
Richland, WA 99352

RECEIVED
JUL 10 2012
EDMC

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

October 10, 2008

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CH2MHill Plateau Remediation Company
P.O. Box 1500
MSIN E6-35
Richland, Washington 99352
October 10, 2008
Attention: Steve Trent

SDG	: SL755
Number of Samples	: 54 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: September 16, 2008

II. Introduction

Between September 10, 2008 and September 16, 2008, fifty four (54) water samples were received by TestAmerica - St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

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

Deviation from Request: None

IV. Definitions

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

V. Comments

General

The following SAFs are associated with this SDG: W08-009, I08-058, I08-059, and G08-009

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

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

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THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company
October 10, 2008
SDG: SL755

ICP Metals

Batch: 8262112

The CCB from the initial calibration is greater than the RL. However the CCBs bracketing the samples are below the RL.
Affected Samples:
F8I100242 (5): B1WYX6
F8I100242 (7): B1X0R8
F8I100242 (13): B1WYT3
F8I100242 (15): B1WYT7
F8I100242 (21): B1X0T6
F8I100242 (23): B1X0W2

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:
F8I100242 (5): B1WYX6
F8I100242 (7): B1X0R8
F8I100242 (23): B1X0W2

Batch: 8262125

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:
F8I100242 (6): B1WYX7
F8I100242 (8): B1X0R9
F8I100242 (24): B1X0W3

Batch: 8263142

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:
F8I160171 (1): B1WTJ2
F8I160171 (3): B1WJT0
F8I160171 (5): B1WTK1
F8I160198 (1): B1WRH4

Batch: 8263143

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:
F8I160171 (2): B1WXN0
F8I160171 (4): B1WXM9
F8I160171 (6): B1WXN3
F8I160198 (2): B1WW73

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Problem and Discrepancy Report
TASL
SDG SL755

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1. The data package has the following issues:

a) Analytical results, Metals, C qualifiers for calcium should be removed as the calcium data does not meet the FEAD criteria for being < 5X blank concentration.

Resolution: *Remove qualifiers.*

Lab Response: **None provided.**

CHPRC Review: **A review was conducted of the P&D on 6/28/2011. The issue was noted erroneously. No further action is required.**

b) Metals blank contamination should be discussed in detail in the case narrative.

Resolution: *Provide discussion.*

Lab Response: **None provided.**

CHPRC Review: **A review was conducted of the P&D on 6/28/2011. Due to the age of the P&D and lack of laboratory response this issue was closed with no further action required. The reader is cautioned that the issue noted does exist and needs to be taken into account when reviewing the associated data.**

c) COC#s W08-009-93, -37, -67, -68, -49, -87, lab sample receiving personnel did not complete the relinquished by block in the chain of possession section indicating receipt from the carrier (FedEx).

Resolution: *Provide correction.*

Lab Response: **None provided.**

CHPRC Review: **A review was conducted of the P&D on 6/28/2011. Due to the age of the P&D and lack of laboratory response this issue was closed with no further action required. The reader is cautioned that the issue noted does exist and needs to be taken into account when reviewing the associated data.**

d) COC#s W08-009-365 and -377, lab sample receiving personnel skipped a line in the chain of possession section and left it blank. The blank boxes should be marked N/A.

Resolution: *Provide correction.*

Lab Response: **None provided.**

CHPRC Review: **A review was conducted of the P&D on 6/28/2011. Due to the age of the P&D and lack of laboratory response this issue was closed with no further action required. The reader is cautioned that the issue noted does exist and needs to be taken into account when reviewing the associated data.**

Please correct the issues and resubmit the hard copy and electronic data package.

Provide a resolution to each issue noted on the report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CH2MHill Plateau Remediation Company
October 10, 2008
SDG: SL755

There were no observations or nonconformances for the following methods:

Semi-Volatile Organics
Total Organic Carbon
Total Organic Halogens

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

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METHODS SUMMARY

SL755

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B

References:

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

SAMPLE SUMMARY

SL755 : F8I100242

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWK9K	001	B1WYX2	09/08/08	12:35
KWK9M	002	B1WYX3	09/08/08	12:35
KWK9N	003	B1WYX4	09/08/08	12:35
KWK9P	004	B1WYX5	09/08/08	12:35
KWK9Q	005	B1WYX6	09/08/08	12:35
KWK9R	006	B1WYX7	09/08/08	12:35
KWK9T	007	B1X0R8	09/08/08	10:39
KWK90	008	B1X0R9	09/08/08	10:39
KWK91	009	B1WYR9	09/08/08	11:33
KWK99	010	B1WYT0	09/08/08	11:33
KWLAD	011	B1WYT1	09/08/08	11:33
KWLAE	012	B1WYT2	09/08/08	11:33
KWLAF	013	B1WYT3	09/08/08	11:33
KWLAG	014	B1WYT4	09/08/08	11:33
KWLAJ	015	B1WYT7	09/08/08	08:20
KWLAQ	016	B1WYT8	09/08/08	08:20
KWLAV	017	B1WYV1	09/08/08	08:20
KWLAW	018	B1WYV2	09/08/08	08:20
KWLAX	019	B1WYV3	09/08/08	08:20
KWLA0	020	B1WYV4	09/08/08	08:20
KWLA1	021	B1X0T6	09/08/08	09:58
KWLA4	022	B1X0T7	09/08/08	09:58
KWLA6	023	B1X0W2	09/08/08	09:22
KWLA8	024	B1X0W3	09/08/08	09:22

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

SL755 : F8I160171

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWX7V	001	B1WTJ2	09/11/08	12:40
KWX8D	002	B1WXN0	09/11/08	12:40
KWX8K	003	B1WTJ0	09/11/08	12:40
KWX8Q	004	B1WXM9	09/11/08	12:40
KWX8X	005	B1WTK1	09/11/08	10:24
KWX82	006	B1WXN3	09/11/08	10:24

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL755 : F8I160182

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWX9H	001	B1X0D3	09/11/08	12:40
KWX9V	002	B1X0D4	09/11/08	12:40
KWX9W	003	B1X0D5	09/11/08	12:40
KWX90	004	B1X0D6	09/11/08	12:40
KWX94	005	B1X0F6	09/11/08	10:24
KWX99	006	B1X0F7	09/11/08	10:24
KW0AA	007	B1X0F8	09/11/08	10:24
KW0AD	008	B1X0F9	09/11/08	10:24
KW0AF	009	B1X0C4	09/11/08	13:37
KW0AH	010	B1X0C5	09/11/08	13:37
KW0AJ	011	B1X0C6	09/11/08	13:37
KW0AK	012	B1X0C7	09/11/08	13:37
KW0AP	013	B1X0B0	09/15/08	12:20
KW0AX	014	B1X0B1	09/15/08	12:20
KW0A2	015	B1X135	09/15/08	10:54
KW0CC	016	B1X136	09/15/08	10:54
KW0CE	017	B1X137	09/15/08	10:54
KW0CH	018	B1X138	09/15/08	10:54
KW0CM	019	B1X139	09/15/08	10:54
KW0CN	020	B1X140	09/15/08	10:54

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL755 : F8I160195

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KW0EM	001	B1WXP8	09/15/08	13:38
KW0EQ	002	B1WXP9	09/15/08	13:38

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

SL755 : F8I160198

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KW0FN	001	B1WRH4	09/11/08	13:37
KW0FQ	002	B1WW73	09/11/08	13:37

NOTE(S):

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

SDG# SL715

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-93

Page 1 of 1

Collector	Contact/Requester: Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. W08-009 Fluor Hanford D. R. BREWINGTON	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA SEPTEMBER 2008	HNF-N-506-14/82	Ice Chest No. GIOS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 8314 4195
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
B1WYX2		W	9/4/08	1235	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYX3		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYX4		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYX5		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYX6 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WYX7		W			1x20-mL P	Activity Scan	6 Months	None
B1WYX7		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D. R. Brewington		1000 9-9-08	Fim Hall	Fim Hall		1000 9-8-08
Fim Hall	Fim Hall		1400 9-9-08	FED EX			
				B-N			9/10/08 0920

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-37**

Page 1 of 1

Collector	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: W08-009 — Fluor Hanford D. R. BREWINGTON	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA SEPTEMBER 2008	HNF-506-14/81	Ice Chest No. Guess any Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 8314 4195
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
B1X0R8 (F)		W	9/8/08	1039	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X0R9		W			1x20-mL P	Activity Scan	6 Months	None
B1X0R9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0R9		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0R9		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Received By
Print: Fluor Hanford D. R. BREWINGTON; Sign: D.R. Brewington; Date/Time: 1000 9-9-08	Print: Fm Hall; Sign: [signature]; Date/Time: 1000 9-9-08
Print: Fluor Hanford D. R. BREWINGTON; Sign: [signature]; Date/Time: 1500 9-9-08	Print: FED EX; Date/Time:
Print: Fm Hall; Sign: [signature]; Date/Time: 9-9-08	Print: [signature]; Date/Time: 9/10/08 0920
Relinquished By: Date/Time:	Received By: Date/Time:

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

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SDG# SL7515

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-67**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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-506-14/81482	**Ice Chest No.** GWS-009 Temp.
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 8314 4195
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
B1WYR9		W	9/8/08	1133	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYT0		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYU1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYT2		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYT3 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WYT4		W			1x20-mL P	Activity Scan	6 Months	None
B1WYT4		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D.R. BREWINGTON	D.R. Brew		9-9-08 1400	FM	Hall		9-9-08 1000
FM Hall			9-9-08 1400	FED EX			

Matrix *

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

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

P&D Submittal June 28 2011 REVISION 1

TestAmerica St. Louis

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FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-68

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	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-506-14/81	Ice Chest No.: GWS-009 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 3314 4195
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
B1WYT7 (F)		W	9/8/08	0820	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WYT8		W			1x20-mL P	Activity Scan	6 Months	None
B1WYT8		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WYV1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYV2		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYV3		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYV4		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford D.R. Brewington	9-9-08	FW Hall	9-9-08
FW Hall	9-9-08	FED EX	
		b-l	9/10/08 0920

Matrix *

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

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

P&D Submittal

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TestAmerica St. Louis REVISION 1

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FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-49

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	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-506-14/81	Ice Chest No.: GWS-009 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 8314 4195
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
B1X0T6 (F)		W	9/8/08	0958	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X0T7		W			1x20-mL P	Activity Scan	6 Months	None
B1X0T0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0T7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0T7		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford D. R. BREWINGTON		9-9-08	FM Hall			9-9-08
Relinquished By: FM Hall			Date/Time 9-9-08	Received By: FED EX			Date/Time
Relinquished By			Date/Time	Received By: B-Ul			Date/Time 9/10/08 0970
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG# ST7105

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TestAmerica St. Louis

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SDG# S1705

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-87**

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	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-506-14/81	Ice Chest No.: GWS-009 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 8314 4195
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
B1X0W2 (F)		W	9/8/08	0922	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X0W3		W			1x20-mL P	Activity Scan	6 Months	None
B1X0W3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0W3		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0W3		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D.R. BREWINGTON	D.R. Brewington		9-9-08 1000	FM Hall			9-9-08 1000
FM Hall			9-9-08 1400	FED EX			
				B-N			9/10/08 0920

Matrix *

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

Relinquished By	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

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TestAmerica St. Louis REVISION 1

IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796083144195	**Reference**	GWS-009
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 9, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 10, 2008 9:20 AM	**Service type**	Priority Overnight
		Weight	92.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 10, 2008	9:20 AM	**Delivered**	Earth City, MO
	7:13 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:03 AM	At local FedEx facility	EARTH CITY, MO
	5:31 AM	At dest sort facility	BERKELEY, MO
	3:47 AM	Departed FedEx location	MEMPHIS, TN
	12:49 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 9, 2008	5:19 PM	Left FedEx origin facility	PASCO, WA
	3:36 PM	Picked up	PASCO, WA
	12:33 PM	Package data transmitted to FedEx	

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): F8I10024

Condition Upon Receipt Form

Client: Hanford
Quote No: 506092
COC/RFA No: See below
Initiated By: GJ
Date: 9/10/08
Time: 0920

Shipping Information

Shipper Name: FE
Shipping # (s):*
7960 8314 4195
6. 7. 8. 9. 10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

W06-009-43, 37, 47, 48, 49, 87

Corrective Action:
Client Contact Name: Informed by:
Sample(s) processed "as is"
Sample(s) on hold until: If released, notify:
Project Management Review: Date: 9-11-08

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

SDG# SL755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-058-104

Page 1 of 1

Collector: D. Woehle	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-058	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM, SEPTEMBER 2008	HNF N 506 - 19	Ice Chest No.: GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7900-8418-9740
Protocol: CERCLA	Priority: 30 Days [redacted]	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
100 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WTJ2 (F)		W	9/11/08	1240	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN0		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1WXN0		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle		[signature]	9/15/08 0900	SCOTT HAMAKER		[signature]	9/15/08 0900
SCOTT HAMAKER		[signature]	9/15/08 1400	FED EX			
FEDEX				[signature]			09.16.08 0930

Matrix *

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

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

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FLUOR HANFORD

SDG# SL755

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-058-103

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Collector: D. Woehle	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-058	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM SEPTEMBER 2008	HNF N 506 19	Ice Chest No. GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7900-8418-9740
Protocol: CERCLA	Priority: 30 Days [redacted]	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
100 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WTJ0 (F)		W	9-11-08	1240	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXM9		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1WXM9		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle			9/15/08 0900	Scott Hamaker			9/15/08 0900
Scott Hamaker			9/15/08 1400	FED EX			
FED EX							09.16.08 0930

Matrix *

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

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

P&D Submittal

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SDG# SL755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-058-107

Page 1 of 1

Collector: D. Woehle	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-058	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR21AM SEPTEMBER 2008	HNF N 506 19	Ice Chest No.: GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7900-8418-9740
Protocol: CERCLA	Priority: 30 Days [redacted]	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
100 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WTK1 (F)		W	9-11-08	1024	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN3		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1WXN3		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle			9/15/08 0900	SCOTT HAMAKER			9/15/08 0900
SCOTT HAMAKER			9/15/08 1400	FED EX			
FED EX							09.16-08 0930

Matrix *

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

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

P&D Submittal

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REVISION 1

TestAmerica St. Louis

IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	790084189740	**Reference**	GWS-007
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 15, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 16, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	95.0 lbs.
Status	Delivered		
Signature image available	No		

Date/Time		Activity	Location
Sep 16, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:20 AM	At local FedEx facility	EARTH CITY, MO
	5:41 AM	At dest sort facility	BERKELEY, MO
	4:49 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 15, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	3:51 PM	Picked up	PASCO, WA
	11:55 AM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

P&D Submittal
TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

June 28 2011

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Lot #(s): F8I1417, 142, 145, 148

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 80497, 80492, 80493, 80499
COC/RFA No: below
Initiated By:
Date: 09.16.08
Time: 0930

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 7993 7361 7560
2. 7397 5257
3. 7900 8418 9740
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
F08-163-001, 004
I08-059
G08-009
W08-009-49, 2, 3, 5, 377
I08-058-104, 103, 107

Corrective Action:
☐ Client Contact Name:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until:
Project Management Review:

Informed by:
If released, notify:
Date: 09-16-08

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

FLUOR HANFORD

SL755 Cwl 35

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-4

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Collector: D. Woehle	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 506-19	Ice Chest No. GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7900-8418-9740
Protocol: RCRA	Priority: 30 Days [redacted]	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
B1X0D3		W	9/11/08	1240	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0D4		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0D5		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0D6		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0D1		W	✓	✓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle		[signature]	9/15/08 0900	Scott Hamaker		[signature]	9/15/08 0900
Scott Hamaker		[signature]	9/15/08 1400	FED EX			
FED EX				[signature]			09.16.08 0930

Matrix *

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

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

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SDF# 52755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-9

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Collector: D. Woehle	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 506-19	Ice Chest No.: GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt Vehicle	Bill of Lading/Air Bill No.: 7900-8418-9740
Protocol: RCRA	Priority: 30 Days [redacted]	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
B1X0F6		W	9-11-08	1624	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0F6		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0F7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0F7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0F8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0F8		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0F9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0F9		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0H9		W	✓	✓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle			9/15/08 0900	SCOTT HAMAKER			9/15/08 0900
SCOTT HAMAKER			9/15/08 1400	FED EX			
FED EX							09-16-08 0930

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

SDF# 51455 SDF# 52755 SDF# 52965 SDF# 164

SDG# SL755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-2

Collector: D. Woehle	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 506-19	Ice Chest No: GWS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7900-8418-9740
Protocol: RCRA	Priority: 30 Days [redacted]	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
B1X0C4		W	9/11/08	1337	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0C4		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0C5		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0C5		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0C6		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0C6		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0C7		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0C7		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0C8		W	✓	✓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle			9/15/08 0900	SCOTT HAMAKER			9/15/08 0900
SCOTT HAMAKER			9/15/08 1400	FED EX			
FEDEX							09.16.08 0930

Matrix *

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

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

P&D Submittal

June 28 2011

REVISION 1

TestAmerica St. Louis

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SDG# SL755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-365

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	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-506-18	Ice Chest No.: GNS-053 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 7397 5251
Protocol: RCRA	Priority: 30 Days [redacted]	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
B1X0B0 (F)		W	9-15-08	1220	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X0B1		W			1x20-mL P	Activity Scan	6 Months	None
B1X0B[illegible]		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			9/15/08 1400	[illegible]			
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
[illegible]				[illegible]			09-16-08 0930
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

SDG# SL755

FLUOR HANFORD 5L755

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-377

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	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-506-15	Ice Chest No.: GWS-053 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 7397 5251
Protocol: RCRA	Priority: 30 Days [redacted]	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
B1X135		W	9-15-08	1054	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X135		W			1x250-mL aGs* 1000 mL	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X136		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X136		W			1x250-mL aGs* 1000 mL	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X137		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X137		W			1x250-mL aGs* 1000 mL	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X138		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X138		W			1x250-mL aGs* 1000 mL	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X139 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X140		W			1x20-mL P	Activity Scan	6 Months	None
B1X140		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			9/15/08 1400	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By: FEDEX			Date/Time	Received By			Date/Time: 09-16-08 0930
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

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IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	790084189740	**Reference**	GWS-007
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 15, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 16, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	95.0 lbs.
Status	Delivered		
Signature image available	No		

Date/Time		Activity	Location
Sep 16, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:20 AM	At local FedEx facility	EARTH CITY, MO
	5:41 AM	At dest sort facility	BERKELEY, MO
	4:49 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 15, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	3:51 PM	Picked up	PASCO, WA
	11:55 AM	Package data transmitted to FedEx	

Signature proof | E-mail results | Track more shipments

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

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Not available for Wireless or non-English characters.

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IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	799373975251	**Reference**	GWSC-053
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 15, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 16, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	80.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 16, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:19 AM	At local FedEx facility	EARTH CITY, MO
	5:41 AM	At dest sort facility	BERKELEY, MO
	4:49 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 15, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	4:31 PM	Package data transmitted to FedEx	
	3:51 PM	Picked up	PASCO, WA

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	☐
	English	☐
	English	☐
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P&D Submittal

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

June 28 2011

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Lot #(s): F8E16017, F8E16041, 182, 193, 198

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 80497, 80492, 80493, 80499
COC/RFA No: below
Initiated By:
Date: 09.16.08
Time: 0930

Shipping Information

Shipper Name: FedX
Shipping # (s):*

1.	7993 7361 7860	6.	
2.	7397 5251	7.	
3.	7900 8418 9740	8.	
4.		9.	
5.		10.	

Multiple Packages (Y) N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

F08-163-001, 004
I08-059
G08-009
W08-009-49, 2, 345, 377
I08-058-104, 103, 102

Corrective Action:

- ☐ Client Contact Name:
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until:

Informed by:

If released, notify:

Project Management Review: [signature] Date: 09-16-08

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

SDG# SL755

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-059-3

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1 SEPTEMBER 2008	HNF-N-506-18	Ice Chest No.: GNSC-053 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 7397 5251
Protocol: SURV	Priority: 30 Days [redacted]	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
200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXP8 (F)		W	9-15-08	1330	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXP9		W			3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXP9		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXP9		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			9/15/08 1400	FEDEX			
FEDEX							09.16.08 0930

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	799373975251	**Reference**	GWSC-053
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 15, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 16, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	80.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 16, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:19 AM	At local FedEx facility	EARTH CITY, MO
	5:41 AM	At dest sort facility	BERKELEY, MO
	4:49 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 15, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	4:31 PM	Package data transmitted to FedEx	
	3:51 PM	Picked up	PASCO, WA

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Subscribe to tracking updates (optional)

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

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

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P&D Submittal

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

June 28 2011

- 35 -

Lot #(s): F8I16017, 192, 195, 198, F8I16041

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 80697, 80692, 80693, 80699
COC/RFA No: below
Initiated By:
Date: 09.16.08
Time: 0930

Shipping Information

Shipper Name: FedX
Shipping # (s):*

1. 7993 7361 7860	6.		
2. 7397 5257	7.		
3. 7900 8418 9740	8.		
4.	9.		
5.	10.		

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

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

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

Notes:
F08-163-001, 004
I08-059-3
G08-009
W08-009-49, 2, 3, 5, 37
I08-058-104, 103, 107

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 INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

FLUOR HANFORD

SL755

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G08-009-195

Page 1 of 1

Collector: D. Woehle	Contact/Requester: Mike Neely	Telephone No.: 509-373-2265 MSIN FAX
SAF No.: G08-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: INR2-RB SEPTEMBER 2008	HNF N 506-19	Ice Chest No.: 6WS-007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7900-8418-9740
Protocol: SURV	Priority: 30 Days [redacted]	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 ☐
100 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WRH4 (F)		W	9/11/08	1337	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WRH4 (F)		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1WW73		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WW73		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. Woehle			9/15/08 0900	SCOTT HAMAKER			9/15/08 0900
SCOTT HAMAKER			9/15/08 1400	FED EX			
FEDEX						09.16.08	0930

Matrix *

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

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

P&D Submittal

June 28 2011

TestAmerica St. Louis REVISION 1

SDG# SL755

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IMPORTANT!
Severe weather may cause some service delays and disruptions along the U.S. Gulf Coast. Learn more

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	790084189740	**Reference**	GWS-007
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 15, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 16, 2008 9:27 AM	**Service type**	Priority Overnight
		Weight	95.0 lbs.
Status	Delivered		
Signature image available	No		

Date/Time		Activity	Location
Sep 16, 2008	9:27 AM	**Delivered**	Earth City, MO
	7:20 AM	At local FedEx facility	EARTH CITY, MO
	5:41 AM	At dest sort facility	BERKELEY, MO
	4:49 AM	Departed FedEx location	MEMPHIS, TN
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 15, 2008	5:47 PM	Left FedEx origin facility	PASCO, WA
	3:51 PM	Picked up	PASCO, WA
	11:55 AM	Package data transmitted to FedEx	

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

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

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

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P&D Submittal

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

June 28 2011

- 35 -

Lot #(s): F8E16017, 192, 195, 196, F8E16141

Client: Fluor Hanford COC/RFA No: below
Quote No: 80497, 80492, 80493, 80499 Initiated By:

Condition Upon Receipt Form

Date: 09.16.08
Time: 0930

Shipping Information

Shipper Name: FedX

Shipping # (s):*

1. 7993 7361 7560
2. 7397 5257
3. 7900 8418 9740
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

F08-163-001, 004
I08-059
G08-009-195
W08-009-49, 2, 3, 5, 377
I08-058-104, 103, 107

Corrective Action:

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

Project Management Review: Date: 09.16.08

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

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1WXP9

GC/MS Semivolatiles

Lot-Sample #...: F8I160195-002 **Work Order #...:** KW0EQ1AX **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08
Prep Date.....: 09/18/08 **Analysis Date..:** 09/19/08
Prep Batch #...: 8262225
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	40	(15 - 78)
Phenol-d5	25	(15 - 63)
Nitrobenzene-d5	62	(20 - 103)
2-Fluorobiphenyl	54	(20 - 103)
2,4,6-Tribromophenol	69	(20 - 110)
Terphenyl-d14	66	(15 - 114)

Fluor Hanford Inc

B1WXP9

GC/MS Semivolatiles

Lot-Sample #: F8I160195-002 **Work Order #:** KW0EQ1AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		30	M	3.9458	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 #...: SL755 **Work Order #...:** KW4NL1AA **Matrix.....:** WATER
MB Lot-Sample #: F8I180000-225

Prep Date.....: 09/18/08
Analysis Date..: 09/19/08 **Prep Batch #...:** 8262225
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	45	(15 - 78)
Phenol-d5	29	(15 - 63)
Nitrobenzene-d5	66	(20 - 103)
2-Fluorobiphenyl	56	(20 - 103)
2,4,6-Tribromophenol	71	(20 - 110)
Terphenyl-d14	68	(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 #: F8I180000-225 B **Work Order #:** KW4NL1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		34	M	3.9322	ug/L
Erucylamide	112-84-5	4.0	M	11.774	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 #...: F8I160195 Work Order #...: KW4NL1AC Matrix.....: WATER
LCS Lot-Sample#: F8I180000-225
Prep Date.....: 09/18/08 Analysis Date..: 09/19/08
Prep Batch #...: 8262225
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	100	30.4	ug/L	30	SW846 8270C
bis(2-Chloroethyl)-ether	100	71.9	ug/L	72	SW846 8270C
2-Chlorophenol	100	70.4	ug/L	70	SW846 8270C
2-Methylphenol	100	65.9	ug/L	66	SW846 8270C
2,2'-oxybis (1-Chloropropane)	100	71.0	ug/L	71	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	80.8	ug/L	81	SW846 8270C
Hexachloroethane	100	45.8	ug/L	46	SW846 8270C
Nitrobenzene	100	71.2	ug/L	71	SW846 8270C
Isophorone	100	85.3	ug/L	85	SW846 8270C
2-Nitrophenol	100	75.8	ug/L	76	SW846 8270C
2,4-Dimethylphenol	100	67.8	ug/L	68	SW846 8270C
bis(2-Chloroethoxy) methane	100	73.4	ug/L	73	SW846 8270C
2,4-Dichlorophenol	100	75.9	ug/L	76	SW846 8270C
1,2,4-Trichloro-benzene	100	55.1	ug/L	55	SW846 8270C
Naphthalene	100	62.6	ug/L	63	SW846 8270C
4-Chloroaniline	100	44.8	ug/L	45	SW846 8270C
Hexachlorobutadiene	100	47.8	ug/L	48	SW846 8270C
4-Chloro-3-methylphenol	100	78.5	ug/L	78	SW846 8270C
2-Methylnaphthalene	100	62.7	ug/L	63	SW846 8270C
Hexachlorocyclopenta-diene	100	37.4	ug/L	37	SW846 8270C
2,4,6-Trichloro-phenol	100	79.3	ug/L	79	SW846 8270C
2,4,5-Trichloro-phenol	100	79.6	ug/L	80	SW846 8270C
2-Nitroaniline	100	81.2	ug/L	81	SW846 8270C
Dimethyl phthalate	100	82.6	ug/L	83	SW846 8270C
Acenaphthylene	100	77.1	ug/L	77	SW846 8270C
2,6-Dinitrotoluene	100	84.7	ug/L	85	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 Work Order #...: KW4NL1AC Matrix.....: WATER
LCS Lot-Sample#: F8I180000-225

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Nitroaniline	100	68.8	ug/L	69	SW846 8270C
Acenaphthene	100	74.5	ug/L	74	SW846 8270C
2,4-Dinitrophenol	100	59.9	ug/L	60	SW846 8270C
4-Nitrophenol	100	39.4	ug/L	39	SW846 8270C
Dibenzofuran	100	78.6	ug/L	79	SW846 8270C
2,4-Dinitrotoluene	100	82.2	ug/L	82	SW846 8270C
Diethyl phthalate	100	86.2	ug/L	86	SW846 8270C
4-Chlorophenyl phenyl ether	100	79.6	ug/L	80	SW846 8270C
Fluorene	100	80.5	ug/L	80	SW846 8270C
4-Nitroaniline	100	82.8	ug/L	83	SW846 8270C
4,6-Dinitro-2-methylphenol	100	78.4	ug/L	78	SW846 8270C
N-Nitrosodiphenylamine	100	81.7	ug/L	82	SW846 8270C
4-Bromophenyl phenyl ether	100	78.6	ug/L	79	SW846 8270C
Hexachlorobenzene	100	79.7	ug/L	80	SW846 8270C
Pentachlorophenol	100	61.8	ug/L	62	SW846 8270C
Phenanthrene	100	81.3	ug/L	81	SW846 8270C
Anthracene	100	81.7	ug/L	82	SW846 8270C
Carbazole	100	83.8	ug/L	84	SW846 8270C
Di-n-butyl phthalate	100	85.4	ug/L	85	SW846 8270C
Fluoranthene	100	84.4	ug/L	84	SW846 8270C
Pyrene	100	70.8	ug/L	71	SW846 8270C
Butyl benzyl phthalate	100	71.3	ug/L	71	SW846 8270C
3,3'-Dichlorobenzidine	100	51.0	ug/L	51	SW846 8270C
Benzo(a)anthracene	100	70.5	ug/L	71	SW846 8270C
Chrysene	100	85.2	ug/L	85	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	73.9	ug/L	74	SW846 8270C
Di-n-octyl phthalate	100	81.1	ug/L	81	SW846 8270C
Benzo(b)fluoranthene	100	77.5	ug/L	78	SW846 8270C
Benzo(k)fluoranthene	100	82.6	ug/L	83	SW846 8270C
Benzo(a)pyrene	100	75.3	ug/L	75	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	80.7	ug/L	81	SW846 8270C
Dibenz(a,h)anthracene	100	80.4	ug/L	80	SW846 8270C
Benzo(ghi)perylene	100	79.7	ug/L	80	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 Work Order #...: KW4NL1AC Matrix.....: WATER
LCS Lot-Sample#: F8I180000-225

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	**100**	**67.4**	**ug/L**	**67**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**53.1**	**ug/L**	**53**	**SW846 8270C**
1,3-Dichlorobenzene	**100**	**49.6**	**ug/L**	**50**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**50.5**	**ug/L**	**50**	**SW846 8270C**
2-Chloronaphthalene	**100**	**70.0**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	47	(15 - 58)
Phenol-d5	32	(10 - 39)
Nitrobenzene-d5	70	(22 - 94)
2-Fluorobiphenyl	68	(20 - 97)
2,4,6-Tribromophenol	81	(23 - 102)
Terphenyl-d14	71	(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 #...: F8I160195 Work Order #...: KW0EQ1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I160195-002 KW0EQ1A1-MSD
Date Sampled...: 09/15/08 Date Received..: 09/16/08
Prep Date.....: 09/18/08 Analysis Date..: 09/19/08
Prep Batch #...: 8262225
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenol	ND	94.6	29.2	ug/L	31		SW846 8270C
	ND	94.8	29.1	ug/L	31	0.58	SW846 8270C
bis(2-Chloroethyl)-ether	ND	94.6	74.1	ug/L	78		SW846 8270C
	ND	94.8	73.3	ug/L	77	1.0	SW846 8270C
2-Chlorophenol	ND	94.6	72.4	ug/L	76		SW846 8270C
	ND	94.8	71.2	ug/L	75	1.6	SW846 8270C
2-Methylphenol	ND	94.6	65.8	ug/L	70		SW846 8270C
	ND	94.8	64.5	ug/L	68	2.0	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	94.6	65.9	ug/L	70		SW846 8270C
	ND	94.8	64.5	ug/L	68	2.1	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	94.6	72.6	ug/L	77		SW846 8270C
	ND	94.8	71.4	ug/L	75	1.6	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	94.6	82.9	ug/L	88		SW846 8270C
	ND	94.8	81.0	ug/L	85	2.4	SW846 8270C
Hexachloroethane	ND	94.6	50.0	ug/L	53		SW846 8270C
	ND	94.8	48.4	ug/L	51	3.3	SW846 8270C
Nitrobenzene	ND	94.6	75.0	ug/L	79		SW846 8270C
	ND	94.8	72.1	ug/L	76	3.9	SW846 8270C
Isophorone	ND	94.6	87.9	ug/L	93		SW846 8270C
	ND	94.8	83.7	ug/L	88	4.8	SW846 8270C
2-Nitrophenol	ND	94.6	80.7	ug/L	85		SW846 8270C
	ND	94.8	77.2	ug/L	81	4.5	SW846 8270C
2,4-Dimethylphenol	ND	94.6	67.8	ug/L	72		SW846 8270C
	ND	94.8	65.0	ug/L	69	4.2	SW846 8270C
bis(2-Chloroethoxy) methane	ND	94.6	76.1	ug/L	80		SW846 8270C
	ND	94.8	73.4	ug/L	77	3.7	SW846 8270C
2,4-Dichlorophenol	ND	94.6	78.0	ug/L	82		SW846 8270C
	ND	94.8	74.8	ug/L	79	4.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 Work Order #...: KW0EQ1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I160195-002 KW0EQ1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	94.6	62.4	ug/L	66		SW846 8270C
	ND	94.8	57.8	ug/L	61	7.7	SW846 8270C
Naphthalene	ND	94.6	66.4	ug/L	70		SW846 8270C
	ND	94.8	62.6	ug/L	66	6.0	SW846 8270C
4-Chloroaniline	ND	94.6	43.4	ug/L	46		SW846 8270C
	ND	94.8	43.2	ug/L	46	0.34	SW846 8270C
Hexachlorobutadiene	ND	94.6	56.8	ug/L	60		SW846 8270C
	ND	94.8	52.0	ug/L	55	8.8	SW846 8270C
4-Chloro-3-methylphenol	ND	94.6	78.6	ug/L	83		SW846 8270C
	ND	94.8	75.6	ug/L	80	3.9	SW846 8270C
2-Methylnaphthalene	ND	94.6	68.6	ug/L	72		SW846 8270C
	ND	94.8	65.0	ug/L	69	5.4	SW846 8270C
Hexachlorocyclopenta-diene	ND	94.6	44.4	ug/L	47		SW846 8270C
	ND	94.8	43.4	ug/L	46	2.3	SW846 8270C
2,4,6-Trichloro-phenol	ND	94.6	78.9	ug/L	83		SW846 8270C
	ND	94.8	76.4	ug/L	81	3.2	SW846 8270C
2,4,5-Trichloro-phenol	ND	94.6	80.7	ug/L	85		SW846 8270C
	ND	94.8	78.4	ug/L	83	2.9	SW846 8270C
2-Nitroaniline	ND	94.6	79.8	ug/L	84		SW846 8270C
	ND	94.8	78.2	ug/L	82	2.0	SW846 8270C
Dimethyl phthalate	ND	94.6	81.8	ug/L	86		SW846 8270C
	ND	94.8	78.3	ug/L	83	4.3	SW846 8270C
Acenaphthylene	ND	94.6	77.5	ug/L	82		SW846 8270C
	ND	94.8	74.6	ug/L	79	3.9	SW846 8270C
2,6-Dinitrotoluene	ND	94.6	84.7	ug/L	89		SW846 8270C
	ND	94.8	82.4	ug/L	87	2.7	SW846 8270C
3-Nitroaniline	ND	94.6	67.4	ug/L	71		SW846 8270C
	ND	94.8	64.9	ug/L	68	3.7	SW846 8270C
Acenaphthene	ND	94.6	75.4	ug/L	80		SW846 8270C
	ND	94.8	73.2	ug/L	77	3.0	SW846 8270C
2,4-Dinitrophenol	ND	94.6	66.5	ug/L	70		SW846 8270C
	ND	94.8	66.6	ug/L	70	0.09	SW846 8270C
4-Nitrophenol	ND	94.6	37.9	ug/L	40		SW846 8270C
	ND	94.8	35.7	ug/L	38	6.1	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 Work Order #...: KW0EQ1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I160195-002 KW0EQ1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenzofuran	ND	94.6	79.4	ug/L	84		SW846 8270C
	ND	94.8	76.3	ug/L	80	4.0	SW846 8270C
2,4-Dinitrotoluene	ND	94.6	82.6	ug/L	87		SW846 8270C
	ND	94.8	78.9	ug/L	83	4.5	SW846 8270C
Diethyl phthalate	ND	94.6	84.0	ug/L	89		SW846 8270C
	ND	94.8	81.6	ug/L	86	2.9	SW846 8270C
4-Chlorophenyl phenyl ether	ND	94.6	80.3	ug/L	85		SW846 8270C
	ND	94.8	77.4	ug/L	82	3.6	SW846 8270C
Fluorene	ND	94.6	80.4	ug/L	85		SW846 8270C
	ND	94.8	77.6	ug/L	82	3.5	SW846 8270C
4-Nitroaniline	ND	94.6	81.2	ug/L	86		SW846 8270C
	ND	94.8	78.5	ug/L	83	3.4	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	94.6	78.5	ug/L	83		SW846 8270C
	ND	94.8	77.5	ug/L	82	1.2	SW846 8270C
N-Nitrosodiphenylamine	ND	94.6	69.4	ug/L	73		SW846 8270C
	ND	94.8	68.0	ug/L	72	2.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	94.6	75.5	ug/L	80		SW846 8270C
	ND	94.8	74.9	ug/L	79	0.70	SW846 8270C
Hexachlorobenzene	ND	94.6	77.3	ug/L	82		SW846 8270C
	ND	94.8	77.1	ug/L	81	0.20	SW846 8270C
Pentachlorophenol	ND	94.6	64.1	ug/L	68		SW846 8270C
	ND	94.8	65.4	ug/L	69	2.0	SW846 8270C
Phenanthrene	ND	94.6	78.7	ug/L	83		SW846 8270C
	ND	94.8	77.7	ug/L	82	1.3	SW846 8270C
Anthracene	ND	94.6	78.6	ug/L	83		SW846 8270C
	ND	94.8	77.9	ug/L	82	0.92	SW846 8270C
Carbazole	ND	94.6	81.5	ug/L	86		SW846 8270C
	ND	94.8	80.8	ug/L	85	0.80	SW846 8270C
Di-n-butyl phthalate	ND	94.6	82.1	ug/L	87		SW846 8270C
	ND	94.8	81.8	ug/L	86	0.41	SW846 8270C
Fluoranthene	ND	94.6	82.0	ug/L	87		SW846 8270C
	ND	94.8	81.1	ug/L	86	1.1	SW846 8270C
Pyrene	ND	94.6	68.5	ug/L	72		SW846 8270C
	ND	94.8	68.4	ug/L	72	0.14	SW846 8270C
Butyl benzyl phthalate	ND	94.6	70.0	ug/L	74		SW846 8270C
	ND	94.8	69.0	ug/L	73	1.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 Work Order #...: KW0EQ1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I160195-002 KW0EQ1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3,3'-Dichlorobenzidine	ND	94.6	45.9	ug/L	48		SW846 8270C
	ND	94.8	46.3	ug/L	49	0.86	SW846 8270C
Benzo(a)anthracene	ND	94.6	68.1	ug/L	72		SW846 8270C
	ND	94.8	67.8	ug/L	71	0.53	SW846 8270C
Chrysene	ND	94.6	82.6	ug/L	87		SW846 8270C
	ND	94.8	81.9	ug/L	86	0.88	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	94.6	72.5	ug/L	77		SW846 8270C
	ND	94.8	71.6	ug/L	75	1.3	SW846 8270C
Di-n-octyl phthalate	ND	94.6	80.0	ug/L	85		SW846 8270C
	ND	94.8	77.7	ug/L	82	2.8	SW846 8270C
Benzo(b)fluoranthene	ND	94.6	76.0	ug/L	80		SW846 8270C
	ND	94.8	78.8	ug/L	83	3.7	SW846 8270C
Benzo(k)fluoranthene	ND	94.6	81.2	ug/L	86		SW846 8270C
	ND	94.8	75.2	ug/L	79	7.6	SW846 8270C
Benzo(a)pyrene	ND	94.6	73.7	ug/L	78		SW846 8270C
	ND	94.8	72.6	ug/L	77	1.5	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	94.6	81.8	ug/L	86		SW846 8270C
	ND	94.8	76.0	ug/L	80	7.3	SW846 8270C
Dibenz(a,h)anthracene	ND	94.6	79.1	ug/L	84		SW846 8270C
	ND	94.8	77.4	ug/L	82	2.2	SW846 8270C
Benzo(ghi)perylene	ND	94.6	78.1	ug/L	83		SW846 8270C
	ND	94.8	77.2	ug/L	81	1.2	SW846 8270C
1,2-Dichlorobenzene	ND	94.6	55.5	ug/L	59		SW846 8270C
	ND	94.8	53.1	ug/L	56	4.4	SW846 8270C
1,3-Dichlorobenzene	ND	94.6	51.7	ug/L	55		SW846 8270C
	ND	94.8	50.0	ug/L	53	3.5	SW846 8270C
1,4-Dichlorobenzene	ND	94.6	53.2	ug/L	56		SW846 8270C
	ND	94.8	50.9	ug/L	54	4.6	SW846 8270C
2-Chloronaphthalene	ND	94.6	73.2	ug/L	77		SW846 8270C
	ND	94.8	70.3	ug/L	74	4.0	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	49	(15 - 78)
	49	(15 - 78)
Phenol-d5	32	(15 - 63)
	32	(15 - 63)
Nitrobenzene-d5	77	(20 - 103)
	75	(20 - 103)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: F8I160195 **Work Order #...:** KW0EQ1A0-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I160195-002 KW0EQ1A1-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	75	(20 - 103)
	73	(20 - 103)
2,4,6-Tribromophenol	84	(20 - 110)
	82	(20 - 110)
Terphenyl-d14	74	(15 - 114)
	73	(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: B1WYX6

DISSOLVED Metals

Lot-Sample #...: F8I100242-005 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**49.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9Q1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**62600 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/23/08**	**KWK9Q1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9Q1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9Q1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**10700 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9Q1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYX6

DISSOLVED Metals

Lot-Sample #...: F8I100242-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	18900	5000	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	294 D	250	ug/L	SW846 6010B	09/18-09/23/08	KWK9Q1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	19.2 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10.8 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9Q1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1WYX7

TOTAL Metals

Lot-Sample #...: F8I100242-006 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**44.5 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK9R1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**60300 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK9R1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**17200**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK9R1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**9970 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK9R1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYX7

TOTAL Metals

Lot-Sample #...: F8I100242-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	17700	5000	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	284 D	250	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	16.8 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWK9R1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1X0R8

DISSOLVED Metals

Lot-Sample #...: F8I100242-007 Matrix.....: WATER
Date Sampled...: 09/08/08 Date Received..: 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**67.5 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9T1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**49300 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/23/08**	**KWK9T1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**6.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9T1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9T1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**9030 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWK9T1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0R8

DISSOLVED Metals

Lot-Sample #...: F8I100242-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	24000	5000	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	237 B,D	250	ug/L	SW846 6010B	09/18-09/23/08	KWK9T1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.5 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.2 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWK9T1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1X0R9

TOTAL Metals

Lot-Sample #...: F8I100242-008 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AF
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**70.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK901AG**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AH
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AJ
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**53300 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK901AK**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**5.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK901AL**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AM
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AN
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWK901AP
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**17300**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK901AQ**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AR
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AT
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**9800 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWK901AU**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901AV
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0R9

TOTAL Metals

Lot-Sample #...: F8I100242-008 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	24200	5000	ug/L	SW846 6010B	09/18-09/19/08	KWK901AW
		Dilution Factor: 1		MDL.....: 134		
Strontium	264 D	250	ug/L	SW846 6010B	09/18-09/19/08	KWK901AX
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.4 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901A0
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.7 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWK901A1
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1WYT3

DISSOLVED Metals

Lot-Sample #...: F8I100242-013 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**44.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**43900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**4.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**1.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6240 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYT3

DISSOLVED Metals

Lot-Sample #...: F8I100242-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**18100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**222**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**26.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLAF1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAF1AV
		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: B1WYT4

TOTAL Metals

Lot-Sample #...: F8I100242-014 Matrix.....: WATER
Date Sampled...: 09/08/08 Date Received..: 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**43.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**43100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**11.6**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**35.2 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13400**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4910 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLAG1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYT4

TOTAL Metals

Lot-Sample #...: F8I100242-014 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	17500	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	220	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	25.7 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	18.1 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAG1AW
		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: B1WYT7

DISSOLVED Metals

Lot-Sample #...: F8I100242-015 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYT7

DISSOLVED Metals

Lot-Sample #...: F8I100242-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWLAJ1AV
		Dilution Factor: 1		MDL.....: 5.2		

Fluor Hanford Inc

Client Sample ID: B1WYT8

TOTAL Metals

Lot-Sample #...: F8I100242-016 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WYT8

TOTAL Metals

Lot-Sample #...: F8I100242-016 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWLAQ1AW
		Dilution Factor: 1		MDL.....: 5.2		

Fluor Hanford Inc

Client Sample ID: B1X0T6

DISSOLVED Metals

Lot-Sample #...: F8I100242-021 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**55.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**45100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**18.9**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7400 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA11AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0T6

DISSOLVED Metals

Lot-Sample #...: F8I100242-021 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	20400	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	215	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	21.6 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.0 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA11AV
		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: B1X0T7

TOTAL Metals

Lot-Sample #...: F8I100242-022 Matrix.....: WATER
Date Sampled...: 09/08/08 Date Received..: 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**57.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**45600**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**19.1**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4880 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0T7

TOTAL Metals

Lot-Sample #...: F8I100242-022 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20500**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**216**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**21.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA41AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA41AW
		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: B1X0W2

DISSOLVED Metals

Lot-Sample #...: F8I100242-023 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**77.8 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA61AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**57500 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/23/08**	**KWLA61AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**19900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA61AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**8770 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWLA61AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0W2

DISSOLVED Metals

Lot-Sample #...: F8I100242-023 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	22600	5000	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	272 D	250	ug/L	SW846 6010B	09/18-09/23/08	KWLA61AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	19.7 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.2 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWLA61AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1X0W3

TOTAL Metals

Lot-Sample #...: F8I100242-024 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AD
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**78.2 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA81AE**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AF
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AG
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**58600 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA81AH**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AJ
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AK
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AL
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AM
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**19500**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA81AN**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AP
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AQ
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**8930 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWLA81AR**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AT
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0W3

TOTAL Metals

Lot-Sample #...: F8I100242-024 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	22100	5000	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AU
		Dilution Factor: 1		MDL.....: 134		
Strontium	290 D	250	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AV
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.8 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AW
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWLA81AX
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1WTJ2

DISSOLVED Metals

Lot-Sample #...: F8I160171-001 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**58.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**79800 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**113**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12900**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3480 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WTJ2

DISSOLVED Metals

Lot-Sample #...: F8I160171-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**4600 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**358 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX7V1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**19.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX7V1AV**
		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: B1WXN0

TOTAL Metals

Lot-Sample #...: F8I160171-002 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**58.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8D1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**74800 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8D1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8D1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**103**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8D1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12600**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8D1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8D1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3950 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8D1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXN0

TOTAL Metals

Lot-Sample #...: F8I160171-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	4340 B	5000	ug/L	SW846 6010B	09/19-09/23/08	KWX8D1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	303 D	250	ug/L	SW846 6010B	09/19-09/23/08	KWX8D1AD
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	23.2 C	20.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8D1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1WTJ0

DISSOLVED Metals

Lot-Sample #...: F8I160171-003 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	51.5 B	200	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	79500 C	25000	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AF
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	3.1 B	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	11400	5000	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WTJ0

DISSOLVED Metals

Lot-Sample #...: F8I160171-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	4080 B	5000	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	361	250	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	18.2 B	20.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8K1AV
		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: B1WXM9

TOTAL Metals

Lot-Sample #...: F8I160171-004 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**58.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**74200 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8Q1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**110**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**2710 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8Q1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXM9

TOTAL Metals

Lot-Sample #...: F8I160171-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**4390 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8Q1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**300 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX8Q1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8Q1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**21.1 C**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8Q1AW**
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

Fluor Hanford Inc

Client Sample ID: B1WTK1

DISSOLVED Metals

Lot-Sample #...: F8I160171-005 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**209**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**223000 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**36900**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4880 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WTK1

DISSOLVED Metals

Lot-Sample #...: F8I160171-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25500**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**944 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX8X1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**19.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX8X1AV**
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

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.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WXN3

TOTAL Metals

Lot-Sample #...: F8I160171-006 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**221**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX821AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**222000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX821AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**4.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX821AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**18.1 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX821AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**38100**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX821AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7910**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX821AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXN3

TOTAL Metals

Lot-Sample #...: F8I160171-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25500**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX821AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**854 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KWX821AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KWX821AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**24.5 C**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KWX821AW**
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

D Result was obtained from the analysis of a dilution.

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: B1X0B0

DISSOLVED Metals

Lot-Sample #...: F8I160182-013 **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**20.0 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**18400 C**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**18.9 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**6220**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4350 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AP1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0B0

DISSOLVED Metals

Lot-Sample #...: F8I160182-013 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	25700	5000	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	71.3	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.6 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10.8 B	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AP1AV
		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: B1X0B1

TOTAL Metals

Lot-Sample #...: F8I160182-014 **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**21.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**18200**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0AX1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**35.0**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**183**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**6350**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**18.4 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0AX1AP**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4660 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0AX1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X0B1

TOTAL Metals

Lot-Sample #...: F8I160182-014 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	25000	5000	ug/L	SW846 6010B	09/19-09/23/08	KW0AX1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	68.4	50.0	ug/L	SW846 6010B	09/19-09/23/08	KW0AX1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	31.1 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10.8 B,C	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0AX1AW
		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: B1X139

DISSOLVED Metals

Lot-Sample #...: F8I160182-019 Matrix.....: WATER
Date Sampled...: 09/15/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**29.5 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**29700 C**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**3.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**18.7 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10900**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6590**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CM1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X139

DISSOLVED Metals

Lot-Sample #...: F8I160182-019 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	15100	5000	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	137	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	18.3 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.4 B	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CM1AV
		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: B1X140

TOTAL Metals

Lot-Sample #...: F8I160182-020 Matrix.....: WATER
Date Sampled...: 09/15/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**33.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CN1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**31600**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0CN1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**11.6**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CN1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**94.4 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CN1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12100**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CN1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0CN1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3800 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0CN1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X140

TOTAL Metals

Lot-Sample #...: F8I160182-020 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	15800	5000	ug/L	SW846 6010B	09/19-09/23/08	KW0CN1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	139	50.0	ug/L	SW846 6010B	09/19-09/23/08	KW0CN1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	21.8 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	21.3 C	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0CN1AW
		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: B1WXP8

DISSOLVED Metals

Lot-Sample #...: F8I160195-001 **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**19.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**28200 C**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**44.8**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**26.2 B**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**8500**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3830 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EM1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXP8

DISSOLVED Metals

Lot-Sample #...: F8I160195-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	24500	5000	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	114	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	16.8 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.4 B	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EM1AV
		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: B1WXP9

TOTAL Metals

Lot-Sample #...: F8I160195-002 Matrix.....: WATER
Date Sampled...: 09/15/08 Date Received..: 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**21.8 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EQ1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**27900**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0EQ1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**50.9**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EQ1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**571**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EQ1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**8610**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EQ1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**36.2**	**15.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0EQ1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6030**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0EQ1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXP9

TOTAL Metals

Lot-Sample #...: F8I160195-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	23600	5000	ug/L	SW846 6010B	09/19-09/23/08	KW0EQ1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	110	50.0	ug/L	SW846 6010B	09/19-09/23/08	KW0EQ1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	17.7 B	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.5 B,C	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0EQ1AW
		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: B1WRH4

DISSOLVED Metals

Lot-Sample #...: F8I160198-001 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**42.8 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**76500 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7790**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WRH4

DISSOLVED Metals

Lot-Sample #...: F8I160198-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**4410 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**372 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FN1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**9.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FN1AV**
		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: B1WW73

TOTAL Metals

Lot-Sample #...: F8I160198-002 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**46.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FQ1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**74000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0FQ1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13400**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW0FQ1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4460 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/23/08**	**KW0FQ1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WW73

TOTAL Metals

Lot-Sample #...: F8I160198-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	4590 B	5000	ug/L	SW846 6010B	09/19-09/23/08	KW0FQ1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	325 D	250	ug/L	SW846 6010B	09/19-09/23/08	KW0FQ1AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.7 B,C	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW0FQ1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I180000-125 **Prep Batch #...:** 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AC
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AD
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AE
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AF
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AG
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AH
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AJ
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AL
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AM
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AN
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AP
		Dilution Factor: 1				
Potassium	**2760 B**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KW4EF1AQ**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AR
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AT
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AU
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AV
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AW
		Dilution Factor: 1				
MB Lot-Sample #: F8I190000-143 Prep Batch #...: 8263143						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/19-09/26/08	KW6891AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/19-09/23/08	KW6891AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KW6891AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/19-09/26/08	KW6891AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	09/19-09/23/08	KW6891AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/19-09/23/08	KW6891AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	09/19-09/23/08	KW6891AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW6891AU
		Dilution Factor: 1				
Zinc	**5.7 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW6891AV**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I180000-112 **Prep Batch #...:** 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AN
		Dilution Factor: 1				
Potassium	**2170 B**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KW4ED1AP**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AV
		Dilution Factor: 1				
MB Lot-Sample #: F8I190000-142 Prep Batch #...: 8263142						
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/19-09/26/08	KW6811AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AE
		Dilution Factor: 1				
Calcium	**23.8 B**	**5000**	**ug/L**	**SW846 6010B**	**09/19-09/26/08**	**KW6811AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/19-09/26/08	KW6811AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/19-09/26/08	KW6811AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL755 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	09/19-09/26/08	KW6811AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/19-09/26/08	KW6811AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/19-09/26/08	KW6811AV
		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 #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8I180000-125 Prep Batch #...: 8262125							
Antimony	500	507	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1A0
			Dilution Factor: 1				
Barium	500	521	ug/L	104	SW846 6010B	09/18-09/19/08	KW4EF1A1
			Dilution Factor: 1				
Beryllium	500	545	ug/L	109	SW846 6010B	09/18-09/19/08	KW4EF1A2
			Dilution Factor: 1				
Cadmium	500	523	ug/L	105	SW846 6010B	09/18-09/19/08	KW4EF1A3
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	09/18-09/19/08	KW4EF1A4
			Dilution Factor: 1				
Chromium	500	505	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1A5
			Dilution Factor: 1				
Cobalt	500	502	ug/L	100	SW846 6010B	09/18-09/19/08	KW4EF1A6
			Dilution Factor: 1				
Copper	500	494	ug/L	99	SW846 6010B	09/18-09/19/08	KW4EF1A7
			Dilution Factor: 1				
Iron	500	576	ug/L	115	SW846 6010B	09/18-09/19/08	KW4EF1A8
			Dilution Factor: 1				
Magnesium	10000	10500	ug/L	105	SW846 6010B	09/18-09/19/08	KW4EF1A9
			Dilution Factor: 1				
Manganese	500	515	ug/L	103	SW846 6010B	09/18-09/19/08	KW4EF1CA
			Dilution Factor: 1				
Nickel	500	514	ug/L	103	SW846 6010B	09/18-09/19/08	KW4EF1CC
			Dilution Factor: 1				
Potassium	10000	11300	ug/L	113	SW846 6010B	09/18-09/22/08	KW4EF1CD
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1CE
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	09/18-09/19/08	KW4EF1CF
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/18-09/19/08	KW4EF1CG
			Dilution Factor: 1				
Vanadium	500	512	ug/L	102	SW846 6010B	09/18-09/19/08	KW4EF1CH
			Dilution Factor: 1				
Zinc	500	555	ug/L	111	SW846 6010B	09/18-09/19/08	KW4EF1CJ
			Dilution Factor: 1				
LCS Lot-Sample#: F8I190000-143 **Prep Batch #...:** 8263143							
Antimony	500	516	ug/L	103	SW846 6010B	09/19-09/26/08	KW6891AW
			Dilution Factor: 1				
Barium	500	526	ug/L	105	SW846 6010B	09/19-09/26/08	KW6891AX
			Dilution Factor: 1				
Beryllium	500	553	ug/L	111	SW846 6010B	09/19-09/26/08	KW6891A0
			Dilution Factor: 1				
Cadmium	500	527	ug/L	105	SW846 6010B	09/19-09/26/08	KW6891A1
			Dilution Factor: 1				
Calcium	10000	10600	ug/L	106	SW846 6010B	09/19-09/23/08	KW6891A2
			Dilution Factor: 1				
Chromium	500	508	ug/L	102	SW846 6010B	09/19-09/26/08	KW6891A3
			Dilution Factor: 1				
Cobalt	500	510	ug/L	102	SW846 6010B	09/19-09/26/08	KW6891A4
			Dilution Factor: 1				
Copper	500	496	ug/L	99	SW846 6010B	09/19-09/26/08	KW6891A5
			Dilution Factor: 1				
Iron	500	579	ug/L	116	SW846 6010B	09/19-09/26/08	KW6891A6
			Dilution Factor: 1				
Magnesium	10000	10500	ug/L	105	SW846 6010B	09/19-09/26/08	KW6891A7
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	521	ug/L	104	SW846 6010B	09/19-09/26/08	KW6891A8
			Dilution Factor: 1				
Nickel	500	515	ug/L	103	SW846 6010B	09/19-09/26/08	KW6891A9
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	09/19-09/23/08	KW6891CA
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	09/19-09/26/08	KW6891CC
			Dilution Factor: 1				
Sodium	10000	10700	ug/L	107	SW846 6010B	09/19-09/23/08	KW6891CD
			Dilution Factor: 1				
Strontium	500	503	ug/L	101	SW846 6010B	09/19-09/23/08	KW6891CE
			Dilution Factor: 1				
Vanadium	500	516	ug/L	103	SW846 6010B	09/19-09/26/08	KW6891CF
			Dilution Factor: 1				
Zinc	500	570	ug/L	114	SW846 6010B	09/19-09/26/08	KW6891CG
			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 #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8I180000-112 Prep Batch #...: 8262112							
Antimony	500	514	ug/L	103	SW846 6010B	09/18-09/22/08	KW4ED1AW
			Dilution Factor: 1				
Barium	500	527	ug/L	105	SW846 6010B	09/18-09/22/08	KW4ED1AX
			Dilution Factor: 1				
Beryllium	500	536	ug/L	107	SW846 6010B	09/18-09/22/08	KW4ED1A0
			Dilution Factor: 1				
Cadmium	500	527	ug/L	105	SW846 6010B	09/18-09/22/08	KW4ED1A1
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	09/18-09/22/08	KW4ED1A2
			Dilution Factor: 1				
Chromium	500	500	ug/L	100	SW846 6010B	09/18-09/22/08	KW4ED1A3
			Dilution Factor: 1				
Cobalt	500	487	ug/L	97	SW846 6010B	09/18-09/22/08	KW4ED1A4
			Dilution Factor: 1				
Copper	500	507	ug/L	101	SW846 6010B	09/18-09/22/08	KW4ED1A5
			Dilution Factor: 1				
Iron	500	584	ug/L	117	SW846 6010B	09/18-09/22/08	KW4ED1A6
			Dilution Factor: 1				
Magnesium	10000	10600	ug/L	106	SW846 6010B	09/18-09/22/08	KW4ED1A7
			Dilution Factor: 1				
Manganese	500	505	ug/L	101	SW846 6010B	09/18-09/22/08	KW4ED1A8
			Dilution Factor: 1				
Nickel	500	520	ug/L	104	SW846 6010B	09/18-09/22/08	KW4ED1A9
			Dilution Factor: 1				
Potassium	10000	11900	ug/L	119	SW846 6010B	09/18-09/22/08	KW4ED1CA
			Dilution Factor: 1				
Silver	125	132	ug/L	105	SW846 6010B	09/18-09/22/08	KW4ED1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10300	ug/L	103	SW846 6010B	09/18-09/22/08	KW4ED1CD
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/18-09/22/08	KW4ED1CE
			Dilution Factor: 1				
Vanadium	500	510	ug/L	102	SW846 6010B	09/18-09/22/08	KW4ED1CF
			Dilution Factor: 1				
Zinc	500	562	ug/L	112	SW846 6010B	09/18-09/22/08	KW4ED1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F8I190000-142 **Prep Batch #...:** 8263142							
Antimony	500	482	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811AW
			Dilution Factor: 1				
Barium	500	482	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811AX
			Dilution Factor: 1				
Beryllium	500	510	ug/L	102	SW846 6010B	09/19-09/26/08	KW6811A0
			Dilution Factor: 1				
Cadmium	500	494	ug/L	99	SW846 6010B	09/19-09/26/08	KW6811A1
			Dilution Factor: 1				
Calcium	10000	9780	ug/L	98	SW846 6010B	09/19-09/26/08	KW6811A2
			Dilution Factor: 1				
Chromium	500	469	ug/L	94	SW846 6010B	09/19-09/26/08	KW6811A3
			Dilution Factor: 1				
Cobalt	500	473	ug/L	95	SW846 6010B	09/19-09/26/08	KW6811A4
			Dilution Factor: 1				
Copper	500	453	ug/L	91	SW846 6010B	09/19-09/26/08	KW6811A5
			Dilution Factor: 1				
Iron	500	539	ug/L	108	SW846 6010B	09/19-09/26/08	KW6811A6
			Dilution Factor: 1				
Magnesium	10000	9700	ug/L	97	SW846 6010B	09/19-09/26/08	KW6811A7
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	482	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811A8
			Dilution Factor: 1				
Nickel	500	478	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811A9
			Dilution Factor: 1				
Potassium	10000	9770	ug/L	98	SW846 6010B	09/19-09/26/08	KW6811CA
			Dilution Factor: 1				
Silver	125	121	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811CC
			Dilution Factor: 1				
Sodium	10000	10000	ug/L	100	SW846 6010B	09/19-09/26/08	KW6811CD
			Dilution Factor: 1				
Strontium	500	478	ug/L	96	SW846 6010B	09/19-09/26/08	KW6811CE
			Dilution Factor: 1				
Vanadium	500	476	ug/L	95	SW846 6010B	09/19-09/26/08	KW6811CF
			Dilution Factor: 1				
Zinc	500	531	ug/L	106	SW846 6010B	09/19-09/26/08	KW6811CG
			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 #...: SL755 Matrix.....: WATER
Date Sampled...: 09/04/08 Date Received..: 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I050340-002 **Prep Batch #...:** 8262125									
Antimony									
	ND	250	251	ug/L	101		SW846 6010B	09/18-09/19/08	KWDVM1A2
	ND	250	254	ug/L	102	1.2	SW846 6010B	09/18-09/19/08	KWDVM1A3
			Dilution Factor: 1						
Barium									
	55.3	1000	1120	ug/L	106		SW846 6010B	09/18-09/19/08	KWDVM1A4
	55.3	1000	1140	ug/L	108	1.5	SW846 6010B	09/18-09/19/08	KWDVM1A5
			Dilution Factor: 1						
Beryllium									
	ND	25.0	26.8	ug/L	107		SW846 6010B	09/18-09/19/08	KWDVM1A6
	ND	25.0	27.4	ug/L	110	2.5	SW846 6010B	09/18-09/19/08	KWDVM1A7
			Dilution Factor: 1						
Cadmium									
	ND	25.0	24.7	ug/L	99		SW846 6010B	09/18-09/19/08	KWDVM1A8
	ND	25.0	25.3	ug/L	101	2.2	SW846 6010B	09/18-09/19/08	KWDVM1A9
			Dilution Factor: 1						
Calcium									
	25300	25000	53000 D	ug/L	111		SW846 6010B	09/18-09/19/08	KWDVM1CA
	25300	25000	52300 D	ug/L	108	1.4	SW846 6010B	09/18-09/19/08	KWDVM1CC
			Dilution Factor: 5						
Chromium									
	19.4	100	119	ug/L	100		SW846 6010B	09/18-09/19/08	KWDVM1CD
	19.4	100	123	ug/L	104	3.0	SW846 6010B	09/18-09/19/08	KWDVM1CE
			Dilution Factor: 1						
Cobalt									
	ND	250	238	ug/L	95		SW846 6010B	09/18-09/19/08	KWDVM1CF
	ND	250	246	ug/L	99	3.4	SW846 6010B	09/18-09/19/08	KWDVM1CG
			Dilution Factor: 1						
Copper									
	ND	125	125	ug/L	100		SW846 6010B	09/18-09/19/08	KWDVM1CH
	ND	125	128	ug/L	102	2.1	SW846 6010B	09/18-09/19/08	KWDVM1CJ
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	198	500	769	ug/L	114		SW846 6010B	09/18-09/19/08	KWDVM1CK
	198	500	804	ug/L	121	4.4	SW846 6010B	09/18-09/19/08	KWDVM1CL
			Dilution Factor: 1						
Magnesium									
	8420	25000	34000	ug/L	102		SW846 6010B	09/18-09/19/08	KWDVM1CM
	8420	25000	34700	ug/L	105	2.0	SW846 6010B	09/18-09/19/08	KWDVM1CN
			Dilution Factor: 1						
Manganese									
	3.6	250	256	ug/L	101		SW846 6010B	09/18-09/19/08	KWDVM1CP
	3.6	250	263	ug/L	104	2.7	SW846 6010B	09/18-09/19/08	KWDVM1CQ
			Dilution Factor: 1						
Nickel									
	ND	250	252	ug/L	101		SW846 6010B	09/18-09/19/08	KWDVM1CR
	ND	250	257	ug/L	103	1.7	SW846 6010B	09/18-09/19/08	KWDVM1CT
			Dilution Factor: 1						
Potassium									
	6440	12500	20000	ug/L	108		SW846 6010B	09/18-09/19/08	KWDVM1CU
	6440	12500	21600	ug/L	121	7.7	SW846 6010B	09/18-09/19/08	KWDVM1CV
			Dilution Factor: 1						
Silver									
	ND	25.0	24.9	ug/L	100		SW846 6010B	09/18-09/19/08	KWDVM1CW
	ND	25.0	25.7	ug/L	103	3.0	SW846 6010B	09/18-09/19/08	KWDVM1CX
			Dilution Factor: 1						
Sodium									
	27600	12500	42400	ug/L	119		SW846 6010B	09/18-09/19/08	KWDVM1C0
	27600	12500	42100	ug/L	116	0.74	SW846 6010B	09/18-09/19/08	KWDVM1C1
			Dilution Factor: 1						
Strontium									
	130	500	664 D	ug/L	107		SW846 6010B	09/18-09/19/08	KWDVM1C2
	130	500	656 D	ug/L	105	1.2	SW846 6010B	09/18-09/19/08	KWDVM1C3
			Dilution Factor: 5						
Vanadium									
	20.6	250	273	ug/L	101		SW846 6010B	09/18-09/19/08	KWDVM1C4
	20.6	250	280	ug/L	104	2.3	SW846 6010B	09/18-09/19/08	KWDVM1C5
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/04/08 Date Received..: 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	274	ug/L	110		SW846 6010B	09/18-09/19/08	KWDVM1C6
	ND	250	283	ug/L	113	3.2	SW846 6010B	09/18-09/19/08	KWDVM1C7

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

TOTAL Metals

Client Lot #...: SL755 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I160171-002 **Prep Batch #...:** 8263143									
Antimony									
	ND	250	252	ug/L	101		SW846 6010B	09/19-09/26/08	KWX8D1AX
	ND	250	249	ug/L	99	1.4	SW846 6010B	09/19-09/26/08	KWX8D1A0
			Dilution Factor: 1						
Barium									
	58.4	1000	1130	ug/L	107		SW846 6010B	09/19-09/26/08	KWX8D1A1
	58.4	1000	1100	ug/L	105	1.9	SW846 6010B	09/19-09/26/08	KWX8D1A2
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.2	ug/L	109		SW846 6010B	09/19-09/26/08	KWX8D1A3
	ND	25.0	26.8	ug/L	107	1.3	SW846 6010B	09/19-09/26/08	KWX8D1A4
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.3	ug/L	101		SW846 6010B	09/19-09/26/08	KWX8D1A5
	ND	25.0	25.0	ug/L	100	0.91	SW846 6010B	09/19-09/26/08	KWX8D1A6
			Dilution Factor: 1						
Calcium									
	74800	25000	97900 D	ug/L	93		SW846 6010B	09/19-09/23/08	KWX8D1A7
	74800	25000	99400 D	ug/L	99	1.5	SW846 6010B	09/19-09/23/08	KWX8D1A8
			Dilution Factor: 5						
Chromium									
	3.8	100	102	ug/L	99		SW846 6010B	09/19-09/26/08	KWX8D1A9
	3.8	100	101	ug/L	97	1.4	SW846 6010B	09/19-09/26/08	KWX8D1CA
			Dilution Factor: 1						
Cobalt									
	ND	250	243	ug/L	97		SW846 6010B	09/19-09/26/08	KWX8D1CC
	ND	250	240	ug/L	96	1.3	SW846 6010B	09/19-09/26/08	KWX8D1CD
			Dilution Factor: 1						
Copper									
	ND	125	126	ug/L	101		SW846 6010B	09/19-09/26/08	KWX8D1CE
	ND	125	124	ug/L	99	1.7	SW846 6010B	09/19-09/26/08	KWX8D1CF
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	103	500	643	ug/L	108		SW846 6010B	09/19-09/26/08	KWX8D1CG
	103	500	629	ug/L	105	2.2	SW846 6010B	09/19-09/26/08	KWX8D1CH
			Dilution Factor: 1						
Magnesium									
	12600	25000	38200	ug/L	103		SW846 6010B	09/19-09/26/08	KWX8D1CJ
	12600	25000	37600	ug/L	100	1.6	SW846 6010B	09/19-09/26/08	KWX8D1CK
			Dilution Factor: 1						
Manganese									
	3.0	250	259	ug/L	103		SW846 6010B	09/19-09/26/08	KWX8D1CL
	3.0	250	255	ug/L	101	1.5	SW846 6010B	09/19-09/26/08	KWX8D1CM
			Dilution Factor: 1						
Nickel									
	ND	250	245	ug/L	98		SW846 6010B	09/19-09/26/08	KWX8D1CN
	ND	250	241	ug/L	96	1.6	SW846 6010B	09/19-09/26/08	KWX8D1CP
			Dilution Factor: 1						
Potassium									
	3950	12500	17100	ug/L	105		SW846 6010B	09/19-09/23/08	KWX8D1CQ
	3950	12500	14700	ug/L	86	15	SW846 6010B	09/19-09/23/08	KWX8D1CR
			Dilution Factor: 1						
Silver									
	ND	25.0	24.8	ug/L	99		SW846 6010B	09/19-09/26/08	KWX8D1CT
	ND	25.0	24.9	ug/L	100	0.48	SW846 6010B	09/19-09/26/08	KWX8D1CU
			Dilution Factor: 1						
Sodium									
	4340	12500	17400	ug/L	104		SW846 6010B	09/19-09/23/08	KWX8D1CV
	4340	12500	17400	ug/L	105	0.31	SW846 6010B	09/19-09/23/08	KWX8D1CW
			Dilution Factor: 1						
Strontium									
	303	500	767 D	ug/L	93		SW846 6010B	09/19-09/23/08	KWX8D1CX
	303	500	777 D	ug/L	95	1.4	SW846 6010B	09/19-09/23/08	KWX8D1C0
			Dilution Factor: 5						
Vanadium									
	ND	250	255	ug/L	102		SW846 6010B	09/19-09/26/08	KWX8D1C1
	ND	250	251	ug/L	100	1.5	SW846 6010B	09/19-09/26/08	KWX8D1C2
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	23.2	250	299	ug/L	111		SW846 6010B	09/19-09/26/08	KWX8D1C3
	23.2	250	293	ug/L	108	2.0	SW846 6010B	09/19-09/26/08	KWX8D1C4

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 #...: SL755 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I050340-005 **Prep Batch #...:** 8262112									
Antimony									
	ND	250	259	ug/L	103		SW846 6010B	09/18-09/22/08	KWDV01A1
	ND	250	253	ug/L	101	2.0	SW846 6010B	09/18-09/22/08	KWDV01A2
			Dilution Factor: 1						
Barium									
	26.4	1000	1080	ug/L	106		SW846 6010B	09/18-09/22/08	KWDV01A3
	26.4	1000	1060	ug/L	104	2.0	SW846 6010B	09/18-09/22/08	KWDV01A4
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.4	ug/L	109		SW846 6010B	09/18-09/22/08	KWDV01A5
	ND	25.0	26.9	ug/L	108	1.6	SW846 6010B	09/18-09/22/08	KWDV01A6
			Dilution Factor: 1						
Cadmium									
	ND	25.0	26.1	ug/L	104		SW846 6010B	09/18-09/22/08	KWDV01A7
	ND	25.0	25.6	ug/L	102	1.9	SW846 6010B	09/18-09/22/08	KWDV01A8
			Dilution Factor: 1						
Calcium									
	23900	25000	48700	ug/L	100		SW846 6010B	09/18-09/22/08	KWDV01A9
	23900	25000	47200	ug/L	93	3.2	SW846 6010B	09/18-09/22/08	KWDV01CA
			Dilution Factor: 1						
Chromium									
	ND	100	101	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CC
	ND	100	105	ug/L	105	3.7	SW846 6010B	09/18-09/22/08	KWDV01CD
			Dilution Factor: 1						
Cobalt									
	ND	250	238	ug/L	95		SW846 6010B	09/18-09/22/08	KWDV01CE
	ND	250	234	ug/L	94	1.5	SW846 6010B	09/18-09/22/08	KWDV01CF
			Dilution Factor: 1						
Copper									
	ND	125	126	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CG
	ND	125	125	ug/L	100	1.1	SW846 6010B	09/18-09/22/08	KWDV01CH
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/04/08 Date Received..: 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	559	ug/L	112		SW846 6010B	09/18-09/22/08	KWDV01CJ
	ND	500	574	ug/L	115	2.7	SW846 6010B	09/18-09/22/08	KWDV01CK
			Dilution Factor: 1						
Magnesium									
	7980	25000	34500	ug/L	106		SW846 6010B	09/18-09/22/08	KWDV01CL
	7980	25000	34000	ug/L	104	1.4	SW846 6010B	09/18-09/22/08	KWDV01CM
			Dilution Factor: 1						
Manganese									
	ND	250	252	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CN
	ND	250	248	ug/L	99	1.7	SW846 6010B	09/18-09/22/08	KWDV01CP
			Dilution Factor: 1						
Nickel									
	ND	250	253	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CQ
	ND	250	253	ug/L	101	0.21	SW846 6010B	09/18-09/22/08	KWDV01CR
			Dilution Factor: 1						
Potassium									
	3600	12500	16400	ug/L	102		SW846 6010B	09/18-09/22/08	KWDV01CT
	3600	12500	17300	ug/L	109	5.3	SW846 6010B	09/18-09/22/08	KWDV01CU
			Dilution Factor: 1						
Silver									
	ND	25.0	26.3	ug/L	105		SW846 6010B	09/18-09/22/08	KWDV01CV
	ND	25.0	26.7	ug/L	107	1.5	SW846 6010B	09/18-09/22/08	KWDV01CW
			Dilution Factor: 1						
Sodium									
	18800	12500	31500	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CX
	18800	12500	30700	ug/L	95	2.5	SW846 6010B	09/18-09/22/08	KWDV01C0
			Dilution Factor: 1						
Strontium									
	100	500	593	ug/L	98		SW846 6010B	09/18-09/22/08	KWDV01C1
	100	500	573	ug/L	95	3.3	SW846 6010B	09/18-09/22/08	KWDV01C2
			Dilution Factor: 1						
Vanadium									
	32.7	250	286	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01C3
	32.7	250	282	ug/L	100	1.6	SW846 6010B	09/18-09/22/08	KWDV01C4
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/04/08 Date Received..: 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	282	ug/L	113		SW846 6010B	09/18-09/22/08	KWDV01C5
	ND	250	276	ug/L	111	2.0	SW846 6010B	09/18-09/22/08	KWDV01C6

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I160171-001 **Prep Batch #...:** 8263142									
Antimony									
	ND	250	249	ug/L	100		SW846 6010B	09/19-09/26/08	KWX7V1AW
	ND	250	251	ug/L	100	0.72	SW846 6010B	09/19-09/26/08	KWX7V1AX
			Dilution Factor: 1						
Barium									
	58.4	1000	1080	ug/L	102		SW846 6010B	09/19-09/26/08	KWX7V1A0
	58.4	1000	1090	ug/L	103	1.0	SW846 6010B	09/19-09/26/08	KWX7V1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	26.8	ug/L	107		SW846 6010B	09/19-09/26/08	KWX7V1A2
	ND	25.0	26.8	ug/L	107	0.22	SW846 6010B	09/19-09/26/08	KWX7V1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	24.9	ug/L	100		SW846 6010B	09/19-09/26/08	KWX7V1A4
	ND	25.0	24.7	ug/L	99	0.76	SW846 6010B	09/19-09/26/08	KWX7V1A5
			Dilution Factor: 1						
Calcium									
	79800	25000	101000	ug/L	86		SW846 6010B	09/19-09/26/08	KWX7V1A6
			Qualifiers: D						
	79800	25000	100000	ug/L	82	1.1	SW846 6010B	09/19-09/26/08	KWX7V1A7
			Qualifiers: D						
			Dilution Factor: 5						
Chromium									
	3.8	100	101	ug/L	97		SW846 6010B	09/19-09/26/08	KWX7V1A8
	3.8	100	102	ug/L	98	0.41	SW846 6010B	09/19-09/26/08	KWX7V1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	239	ug/L	96		SW846 6010B	09/19-09/26/08	KWX7V1CA
	ND	250	241	ug/L	97	0.77	SW846 6010B	09/19-09/26/08	KWX7V1CC
			Dilution Factor: 1						
Copper									
	ND	125	121	ug/L	97		SW846 6010B	09/19-09/26/08	KWX7V1CD
	ND	125	122	ug/L	98	1.2	SW846 6010B	09/19-09/26/08	KWX7V1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	113	500	611	ug/L	100		SW846 6010B	09/19-09/26/08	KWX7V1CF
	113	500	619	ug/L	101	1.3	SW846 6010B	09/19-09/26/08	KWX7V1CG
			Dilution Factor: 1						
Magnesium									
	12900	25000	37700	ug/L	99		SW846 6010B	09/19-09/26/08	KWX7V1CH
	12900	25000	37600	ug/L	99	0.21	SW846 6010B	09/19-09/26/08	KWX7V1CJ
			Dilution Factor: 1						
Manganese									
	3.4	250	255	ug/L	101		SW846 6010B	09/19-09/26/08	KWX7V1CK
	3.4	250	256	ug/L	101	0.65	SW846 6010B	09/19-09/26/08	KWX7V1CL
			Dilution Factor: 1						
Nickel									
	ND	250	242	ug/L	97		SW846 6010B	09/19-09/26/08	KWX7V1CM
	ND	250	244	ug/L	97	0.66	SW846 6010B	09/19-09/26/08	KWX7V1CN
			Dilution Factor: 1						
Potassium									
	3480	12500	17600	ug/L	113		SW846 6010B	09/19-09/26/08	KWX7V1CP
	3480	12500	16300	ug/L	102	7.8	SW846 6010B	09/19-09/26/08	KWX7V1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	24.7	ug/L	99		SW846 6010B	09/19-09/26/08	KWX7V1CR
	ND	25.0	24.8	ug/L	99	0.56	SW846 6010B	09/19-09/26/08	KWX7V1CT
			Dilution Factor: 1						
Sodium									
	4600	12500	17800	ug/L	105		SW846 6010B	09/19-09/26/08	KWX7V1CU
	4600	12500	17900	ug/L	107	0.93	SW846 6010B	09/19-09/26/08	KWX7V1CV
			Dilution Factor: 1						
Strontium									
	358	500	875 D	ug/L	103		SW846 6010B	09/19-09/26/08	KWX7V1CW
	358	500	873 D	ug/L	103	0.14	SW846 6010B	09/19-09/26/08	KWX7V1CX
			Dilution Factor: 5						
Vanadium									
	ND	250	249	ug/L	100		SW846 6010B	09/19-09/26/08	KWX7V1C0
	ND	250	250	ug/L	100	0.50	SW846 6010B	09/19-09/26/08	KWX7V1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL755 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	19.5	250	294	ug/L	110		SW846 6010B	09/19-09/26/08	KWX7V1C2
	19.5	250	292	ug/L	109	0.58	SW846 6010B	09/19-09/26/08	KWX7V1C3

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: B1WYX2

General Chemistry

Lot-Sample #...: F8I100242-001 **Work Order #...:** KWK9K **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.48 B	1.0	mg/L	SW846 9060	09/16/08	8259116

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WYX3

General Chemistry

Lot-Sample #...: F8I100242-002 **Work Order #...:** KWK9M **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.45 B	1.0	mg/L	SW846 9060	09/16/08	8259116

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WYX4

General Chemistry

Lot-Sample #...: F8I100242-003 **Work Order #...:** KWK9N **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.44 B	1.0	mg/L	SW846 9060	09/16/08	8259116

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WYX5

General Chemistry

Lot-Sample #...: F8I100242-004 Work Order #...: KWK9P Matrix.....: WATER
Date Sampled...: 09/08/08 Date Received..: 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.45 B	1.0	mg/L	SW846 9060	09/16/08	8259116

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X0R9

General Chemistry

Lot-Sample #...: F8I100242-008 **Work Order #...:** KWK90 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**4.4**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1WYR9

General Chemistry

Lot-Sample #...: F8I100242-009 Work Order #...: KWK91 Matrix.....: WATER
Date Sampled...: 09/08/08 Date Received..: 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.24 B	1.0	mg/L	SW846 9060	09/16/08	8259116

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1WYT0

General Chemistry

Lot-Sample #...: F8I100242-010 **Work Order #...:** KWK99 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/16/08	8259116

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

Fluor Hanford Inc

Client Sample ID: B1WYT1

General Chemistry

Lot-Sample #...: F8I100242-011 **Work Order #...:** KWLAD **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/16/08	8259116

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

Fluor Hanford Inc

Client Sample ID: B1WYT2

General Chemistry

Lot-Sample #...: F8I100242-012 **Work Order #...:** KWLAE **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/16/08	8259116

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

Fluor Hanford Inc

Client Sample ID: B1WYV1

General Chemistry

Lot-Sample #...: F8I100242-017 **Work Order #...:** KWLAV **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1WYV2

General Chemistry

Lot-Sample #...: F8I100242-018 **Work Order #...:** KWLAW **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1WYV3

General Chemistry

Lot-Sample #...: F8I100242-019 **Work Order #...:** KWLAX **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1WYV4

General Chemistry

Lot-Sample #...: F8I100242-020 **Work Order #...:** KWLA0 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1X0T7

General Chemistry

Lot-Sample #...: F8I100242-022 **Work Order #...:** KWLA4 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.28 B**	**1.0**	**mg/L**	**SW846 9060**	**09/17/08**	**8261405**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	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: B1X0W3

General Chemistry

Lot-Sample #...: F8I100242-024 **Work Order #...:** KWLA8 **Matrix.....:** WATER
Date Sampled...: 09/08/08 **Date Received..:** 09/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1		MDL.....: 0.20		
TOX	**5.1**	**5.0**	**ug/L**	**SW846 9020B**	**10/01/08**	**8270188**
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0D3

General Chemistry

Lot-Sample #...: F8I160182-001 **Work Order #...:** KWX9H **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1X0D4

General Chemistry

Lot-Sample #...: F8I160182-002 **Work Order #...:** KWX9V **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1X0D5

General Chemistry

Lot-Sample #...: F8I160182-003 **Work Order #...:** KWX9W **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.24 B	1.0	mg/L	SW846 9060	09/17/08	8261405

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1X0D6

General Chemistry

Lot-Sample #...: F8I160182-004 **Work Order #...:** KWX90 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/17/08	8261405

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

Fluor Hanford Inc

Client Sample ID: B1X0F6

General Chemistry

Lot-Sample #...: F8I160182-005 **Work Order #...:** KWX94 **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.1	1.0	mg/L	SW846 9060	09/17/08	8261405
	Dilution Factor: 1			MDL.....: 0.20		
TOX	8.4	5.0	ug/L	SW846 9020B	10/01/08	8270188
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0F7

General Chemistry

Lot-Sample #...: F8I160182-006 Work Order #...: KWX99 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.0	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1		MDL.....: 0.20		
TOX	8.5	5.0	ug/L	SW846 9020B	10/01/08	8270188
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0F8

General Chemistry

Lot-Sample #...: F8I160182-007 Work Order #...: KW0AA Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.98 B	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1		MDL.....: 0.20		
TOX	8.5	5.0	ug/L	SW846 9020B	10/01/08	8270188
		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: B1X0F9

General Chemistry

Lot-Sample #...: F8I160182-008 **Work Order #...:** KW0AD **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.0	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1		MDL.....: 0.20		
TOX	8.6	5.0	ug/L	SW846 9020B	10/01/08	8270188
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0C4

General Chemistry

Lot-Sample #...: F8I160182-009 **Work Order #...:** KW0AF **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.23 B	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
		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: B1X0C5

General Chemistry

Lot-Sample #...: F8I160182-010 **Work Order #...:** KW0AH **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.27 B**	**1.0**	**mg/L**	**SW846 9060**	**09/17/08**	**8261405**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	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: B1X0C6

General Chemistry

Lot-Sample #...: F8I160182-011 **Work Order #...:** KW0AJ **Matrix.....:** WATER
Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.29 B	1.0	mg/L	SW846 9060	09/17/08	8261405
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	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: B1X0C7

General Chemistry

Lot-Sample #...: F8I160182-012 Work Order #...: KW0AK Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.34 B	1.0	mg/L	SW846 9060	09/17/08	8261405
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	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: B1X135

General Chemistry

Lot-Sample #...: F8I160182-015 **Work Order #...:** KW0A2 **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/18/08	8262460
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X136

General Chemistry

Lot-Sample #...: F8I160182-016 **Work Order #...:** KW0CC **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/18/08	8262460
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X137

General Chemistry

Lot-Sample #...: F8I160182-017 **Work Order #...:** KW0CE **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/18/08	8262460
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X138

General Chemistry

Lot-Sample #...: F8I160182-018 **Work Order #...:** KW0CH **Matrix.....:** WATER
Date Sampled...: 09/15/08 **Date Received..:** 09/16/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/18/08	8262460
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
		Dilution Factor: 1		MDL.....: 3.5		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL755 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: KW20N1AA		MB Lot-Sample #:	F8I150000-116	
	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: KW4L41AA		MB Lot-Sample #:	F8I170000-405	
	ND	1.0	mg/L	SW846 9060	09/17/08	8261405
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: KW52X1AA		MB Lot-Sample #:	F8I180000-460	
	ND	1.0	mg/L	SW846 9060	09/18/08	8262460
		Dilution Factor: 1				
TOX		Work Order #: KX1VJ1AA		MB Lot-Sample #:	F8I260000-188	
	ND	5.0	ug/L	SW846 9020B	10/01/08	8270188
		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 #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			WO#:KW20N1AC-LCS/KW20N1AD-LCSD			LCS Lot-Sample#: F8I150000-116		
	8.00	8.15	mg/L	102		SW846 9060	09/15/08	8259116
	8.00	8.20	mg/L	103	0.62	SW846 9060	09/15/08	8259116
			Dilution Factor: 1					
Total Organic Carbon			WO#:KW4L41AC-LCS/KW4L41AD-LCSD			LCS Lot-Sample#: F8I170000-405		
	8.00	8.11	mg/L	101		SW846 9060	09/17/08	8261405
	8.00	8.23	mg/L	103	1.5	SW846 9060	09/17/08	8261405
			Dilution Factor: 1					
Total Organic Carbon			WO#:KW52X1AC-LCS/KW52X1AD-LCSD			LCS Lot-Sample#: F8I180000-460		
	8.00	8.13	mg/L	102		SW846 9060	09/18/08	8262460
	8.00	8.11	mg/L	101	0.20	SW846 9060	09/18/08	8262460
			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 #...: SL755 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #:	KX1VJ1AC	LCS Lot-Sample#:	F8I260000-188	
	100	101	ug/L	101	SW846 9020B	10/01/08	8270188
			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 #...: SL755 Matrix.....: WATER
Date Sampled...: 09/11/08 Date Received..: 09/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			Work Order #...:		KWX901AD	MS Lot-Sample #:		F8I160182-004
	ND	10.0	10.7	mg/L	107	SW846 9060	09/17/08	8261405
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		KWX941AD	MS Lot-Sample #:		F8I160182-005
	1.1	10.0	11.2	mg/L	101	SW846 9060	09/17/08	8261405
			Dilution Factor: 1					
TOX			Work Order #...:		KWX941AE	MS Lot-Sample #:		F8I160182-005
	8.4	100	106	ug/L	98	SW846 9020B	10/01/08	8270188
			Dilution Factor: 1					
TOX			Work Order #...:		KW0CE1AD	MS Lot-Sample #:		F8I160182-017
	ND	100	101	ug/L	101	SW846 9020B	10/01/08	8270188
			Dilution Factor: 1					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8I100242 **Work Order #...:** KWX94-SMP KWX94-DUP **Matrix.....:** WATER

Date Sampled...: 09/11/08 **Date Received..:** 09/16/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F8I160182-005	
	1.1	1.0	mg/L	5.0	(0-20)	SW846 9060	09/17/08	8261405
			Dilution Factor: 1					
TOX						SD Lot-Sample #:	F8I160182-005	
	8.4	8.6	ug/L	2.2	(0-20)	SW846 9020B	10/01/08	8270188
			Dilution Factor: 1					