RECEIVED SEPTEMBER 30, 2008

TestAmerica St. Louis
0082101

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-009

Lot #: F8I040267
SDG #: SL753

RECEIVED
JUN 24 2009
EDMC

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

September 29, 2008

SDG# SL753

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

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

SDG	: SL753
Number of Samples	: 77 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: September 4, 2008

II. Introduction

On September 4, 2008, seventy seven (77) 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 and I08-058

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

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

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 29, 2008
SDG: SL753

ICP Metals

Batch: 8261090

The MSD recovery for Potassium is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F8I040267 (5): B1X010
F8I040267 (11): B1X0X8
F8I040267 (17): B1X046
F8I040267 (23): B1X022
F8I040267 (29): B1WYY8
F8I040267 (35): B1X0Y9
F8I040267 (41): B1X110
F8I050105 (1): B1WTM8
F8I050105 (3): B1WTK4
F8I050105 (5): B1WTK6
F8I050105 (7): B1WTJ8
F8I050105 (9): B1WTK9

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:
F8I040267 (5): B1X010
F8I040267 (17): B1X046
F8I040267 (23): B1X022
F8I040267 (29): B1WYY8
F8I040267 (41): B1X110
F8I050105 (3): B1WTK4
F8I050105 (5): B1WTK6
F8I050105 (9): B1WTK9

Batch: 8261097

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:
F8I040267 (6): B1X011
F8I040267 (18): B1X047
F8I040267 (24): B1X023
F8I040267 (30): B1WYY9
F8I050105 (4): B1WXN4
F8I050105 (6): B1WXN5
F8I050105 (10): B1WXN6

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

Fluor Hanford Inc.
September 29, 2008
SDG: SL753

Total Organic Halogens

For TOX in batch 8266287, the sample designated for MS/MSD for this batch required re-analysis. Therefore, No duplicate RPD data is available for this batch. However, this batch shows acceptable duplication, based on the method requirement that all samples be run in duplicate, to yield an average reported result for that sample.

Affected Samples:

F8I040267 (31): B1X0Y5	F8I040267 (59): B1X0P0
F8I040267 (32): B1X0Y6	F8I040267 (60): B1X0P1
F8I040267 (33): B1X0Y7	F8I040267 (61): B1X0P2
F8I040267 (34): B1X0Y8	F8I040267 (62): B1X0P3
F8I040267 (37): B1X106	F8I040267 (63): B1X0H5
F8I040267 (38): B1X107	F8I040267 (64): B1X0H6
F8I040267 (39): B1X108	F8I040267 (65): B1X0H7
F8I040267 (40): B1X109	F8I040267 (66): B1X0H8

There were no observations or nonconformances for the following methods:

Total Organic Carbon

I certify that this Summary Package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. The Laboratory Manager or a designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Reviewed and approved:

Michael Franks
St. Louis Project Manager

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

METHODS SUMMARY

SL753

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
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

SL753 : F8I040267

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KV98J	001	B1X006	09/02/08	11:08
KV98N	002	B1X007	09/02/08	11:08
KV98Q	003	B1X008	09/02/08	11:08
KV98W	004	B1X009	09/02/08	11:08
KV982	005	B1X010	09/02/08	11:08
KV99C	006	B1X011	09/02/08	11:08
KV99H	007	B1X0X0	09/03/08	12:38
KWACD	008	B1X0X1	09/03/08	12:38
KWACH	009	B1X0X2	09/03/08	12:38
KWACJ	010	B1X0X3	09/03/08	12:38
KWACL	011	B1X0X8	09/03/08	12:38
KWACM	012	B1X0X9	09/03/08	12:38
KWACQ	013	B1X042	09/03/08	09:58
KWACT	014	B1X043	09/03/08	09:58
KWACX	015	B1X044	09/03/08	09:58
KWAC1	016	B1X045	09/03/08	09:58
KWAC3	017	B1X046	09/03/08	09:58
KWAC8	018	B1X047	09/03/08	09:58
KWADC	019	B1X018	09/02/08	10:19
KWADF	020	B1X019	09/02/08	10:19
KWADH	021	B1X020	09/02/08	10:19
KWADJ	022	B1X021	09/02/08	10:19
KWADN	023	B1X022	09/02/08	10:19
KWADQ	024	B1X023	09/02/08	10:19
KWAD1	025	B1WYY4	09/02/08	12:47
KWAD4	026	B1WYY5	09/02/08	12:47
KWAD6	027	B1WYY6	09/02/08	12:47
KWAD7	028	B1WYY7	09/02/08	12:47
KWAD8	029	B1WYY8	09/02/08	12:47
KWAD9	030	B1WYY9	09/02/08	12:47
KWAEA	031	B1X0Y5	09/03/08	11:07
KWAEC	032	B1X0Y6	09/03/08	11:07
KWAED	033	B1X0Y7	09/03/08	11:07
KWAEE	034	B1X0Y8	09/03/08	11:07
KWAEF	035	B1X0Y9	09/03/08	11:07
KWAEH	036	B1X100	09/03/08	11:07

(Continued on next page)

SAMPLE SUMMARY

SL753 : F8I040267

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWAEJ	037	B1X106	09/03/08	09:32
KWAEL	038	B1X107	09/03/08	09:32
KWAEM	039	B1X108	09/03/08	09:32
KWAEN	040	B1X109	09/03/08	09:32
KWAEP	041	B1X110	09/03/08	09:32
KWAE0	042	B1X111	09/03/08	09:32
KWAE6	043	B1X0L7	09/02/08	12:36
KWAE8	044	B1X0L8	09/02/08	12:36
KWAE9	045	B1X0L9	09/02/08	12:36
KWAFA	046	B1X0M0	09/02/08	12:36
KWAFF	047	B1X0K8	09/02/08	10:11
KWAFH	048	B1X0K9	09/02/08	10:11
KWAFJ	049	B1X0L0	09/02/08	10:11
KWAFK	050	B1X0L1	09/02/08	10:11
KWAFM	051	B1X0J4	09/02/08	11:26
KWAFQ	052	B1X0J5	09/02/08	11:26
KWAFR	053	B1X0J6	09/02/08	11:26
KWAFT	054	B1X0J7	09/02/08	11:26
KWAF4	055	B1X0K0	09/02/08	08:45
KWAF7	056	B1X0K1	09/02/08	08:45
KWAGF	057	B1X0K2	09/02/08	08:45
KWAGH	058	B1X0K3	09/02/08	08:45
KWAGK	059	B1X0P0	09/02/08	10:07
KWAGL	060	B1X0P1	09/02/08	10:07
KWAGM	061	B1X0P2	09/02/08	10:07
KWAGN	062	B1X0P3	09/02/08	10:07
KWAGQ	063	B1X0H5	09/02/08	12:27
KWAGT	064	B1X0H6	09/02/08	12:27
KWAGW	065	B1X0H7	09/02/08	12:27
KWAG0	066	B1X0H8	09/02/08	12:27

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

SL753 : F8I050105

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWA4K	001	B1WTM8	09/02/08	10:07
KWA4M	002	B1WXP1	09/02/08	10:07
KWA4P	003	B1WTK4	09/02/08	12:36
KWA4Q	004	B1WXN4	09/02/08	12:36
KWA4R	005	B1WTK6	09/02/08	12:36
KWA4V	006	B1WXN5	09/02/08	12:36
KWA4W	007	B1WTJ8	09/02/08	10:11
KWA4X	008	B1WXN2	09/02/08	10:11
KWA40	009	B1WTK9	09/02/08	12:27
KWA41	010	B1WXN6	09/02/08	12:27

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# SL753 SL753

FLUOR HANFORD SL753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-105

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-506-14/76	**Ice Chest No.** SWS-1 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 794077036200
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
B1X006		W	9/2/08	1108	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X007		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X008		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X009		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X010 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X011		W			1x20-mL P	Activity Scan	6 Months	None
B1X011		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	9/3/08 1432	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx				B-R			9/4/08 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

6

162

SDG# SL753

FLUOR HANFORD 5L753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-211**

Page 1 of 1

Collector KE Hamilton	**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	HWF-W-50646	**Ice Chest No.** IRC-99-057 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-1793-1710
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
B1X0X0		W	9/3/08	1238	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0X1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0X2		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0X3		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0X8 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X0X9		W			1x20-mL P	Activity Scan	6 Months	None
B1X0X9		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
KE Hamilton	Kevin E Hamilton		9/3/08 1430	FEd Ex			
Relinquished By			Date/Time	Received By			Date/Time
FedEx				for Brian Daniels			9/4/08 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

10

162

TestAmerica St. Louis

SDS # SL1753

FLUOR HANFORD 51753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-125**

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-K	**Ice Chest No.** EEC-99-057 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-7793-1710
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
B1X042		W	9/3/08	0953	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X043		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X044		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X045		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X046 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X047		W			1x20-mL P	Activity Scan	6 Months	None
B1X047		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		9/3/08 1430	FED EX			
RDEx				B_N			9/4/08 1000

Matrix *

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

11

162

TestAmerica St. Louis

SDG # SL1753

FLUOR HANFORD SL1753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-111

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-506-14/76	**Ice Chest No.** SWS-1 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 797077036200
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
B1X018		W	9/2/08	10:19	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X019		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X020		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X021		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X022 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X023		W			1x20-mL P	Activity Scan	6 Months	None
B1X023		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		9/3/08 1438	FED EX			
FEDEX				B-Dell			9/4/08 1000

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

12

162

TestAmerica St. Louis

SDG# SL753

FLUOR HANFORD SL753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-99

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-506-14/76	**Ice Chest No.** 05-022 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 2793 7801
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
B1WYY4		W	9/2/08	1247	1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYY5		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYY6		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYY7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1WYY8 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WYY9		W			1x20-mL P	Activity Scan	6 Months	None
B1WYY9		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	9-3-08		Fed Ex		
Relinquished By			Date/Time	Received By			Date/Time
FedEx				B-Cy			9/4/08 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

13

162

TestAmerica St. Louis

SDG# SL753

FLUOR HANFORD SL753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-217

Page 1 of 1

Collector KE Hamilton	**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-506-16	**Ice Chest No.** ERC-79-057 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-7793-1710
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
B1X0Y5		W	9/3/08	1107	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0Y5		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0Y6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0Y6		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0Y7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0Y7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0Y8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0Y8		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0Y9 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X100		W			1x20-mL P	Activity Scan	6 Months	None
B1X100		W		1103	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
KE Hamilton	Ken E Hamilton		9/3/08 1430	FedEx			
FedEx				B_R			9/4/08 1000

Matrix *

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

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

TestAmerica St. Louis

14

162

SDG# SL753

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-223**

Page 1 of 1

Collector KE Hamilton	**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-506-11	**Ice Chest No.** ERC-99-057 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-7793 1710
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
B1X106		W	9/3/08	0934	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X106		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X107		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X107		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X108		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X108		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X109		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X109		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X110 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X111		W			1x20-mL P	Activity Scan	6 Months	None
B1X111		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
	KE Hamilton		9/3/08 1430		FEDEX		
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							9/4/08 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

15

162

TestAmerica St. Louis

SDG# SL753

FLUOR HANFORD SL753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-11**

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-506-19	**Ice Chest No.** GWS-1050 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-7792-4579
Protocol RCRA	**Priority:** 30 Days **PRIORITY**	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X0L7		W	9-2-08	1236	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0L7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0L8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0L8		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0L9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0L9		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0M0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0M0		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0M1		W	9-2-08	1236	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print: Roy Shepard ~~Fluor Hanford~~	Sign	Date/Time 9/3/08 1430	Received By	Print: FED EX Sign	Date/Time
Relinquished By			Date/Time	Received By		Date/Time 9/4/08 1200
Relinquished By			Date/Time	Received By		Date/Time
Relinquished By			Date/Time	Received By		Date/Time

Matrix *

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

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

TestAmerica St. Louis

16

162

SDG# S17513

FLUOR HANFORD 51757

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-7

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-502-19	**Ice Chest No.** SWS-1 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 797077036200
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
B1X0K8		W	09-2-08	1011	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K8		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0K9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K9		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0L0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0L0		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0L1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0L1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0L2		W	9-02-08	1011	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Roy Shepard, Fluor Hanford		9/3/08 1430	FED EX			
RSKF				B-L			9/4/08 1000

Matrix *

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

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

17
162

TestAmerica St. Louis

SDG# SL753

SL753

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-23**

Page 1 of 1

Collector RM Arnold	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. W08-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA SEPTEMBER 2008	100-K-502-17	Ice Chest No. 05-022 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7460 7193 4804
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
B1X0J4		W	9/2/08	1124	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0J4		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0J5		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0J5		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0J6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0J6		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0J7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0J7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0J8		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
RM Arnold	RM Arnold	RM Arnold	9-3-08	FedEx			
RDEP				B_21			9/4/08 1000

Matrix *

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

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

TestAmerica St. Louis

18

162

SDG# SL753

SL753

FLUOR HANFORD

RM Arnold

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-24**

Page 1 of 1

Collector	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
AF No. W08-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, SEPTEMBER 2008	HWE-W-SOC-17 p. 41	**Ice Chest No.** GCF-03-047 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7970 7704 5340
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 leasable 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
B1X0J9		W	9/2/08	0845	1x20-mL P	Activity Scan	6 Months	None
B1X0K0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K0		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0K1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0K2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K2		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0K3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0K3		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
RM Arnold	RM Arnold	RM Arnold	9-3-08 1410	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-NE		9/4/08	1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

19

162

SDG# SL753

FLUOR HANFORD 51753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-27**

Page 1 of 1

Collector: RM Arnold	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: W08-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, SEPTEMBER 2008	UNF-N-SOC.17	Ice Chest No. GRT-08-027 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7970-7704-5340
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
B1X0P0		W	9/2/08	1007	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0P0		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0P1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0P1		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0P2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0P2		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0P3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0P3		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0P8		W			1x20-mL P	Activity Scan	6 Months	None

	Print	Sign	Date/Time		Print	Sign	Date/Time
Relinquished By	RM Arnold	RM Arnold	9/4/08 1400	Received By	FedEx		
Relinquished By	FDEX			Received By			9/4/08 1005
Relinquished By				Received By			
Relinquished By				Received By			

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

20162

TestAmerica St. Louis

SDG# SL7753

FLUOR HANFORD 51753
RM Arnold

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-15

Page 1 of 1

Collector	**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	1UNF-N-SAC-17	**Ice Chest No.** GAF-03-027 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7970-7704-5340
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
B1X0H5		W	9/2/08	1227	1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0H5		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0H6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0H6		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0H7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0H7		W			1x250-mL aGs*	9060_TOC: TOC (1)	28 Days	HCl or H2SO4 to pH <2 Cool~4C
B1X0H8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1X0H8		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
RM Arnold	RM Arnold		9-5-08 1400	FEDEX			
FEDEX				B-M			9/4/08 1400

Matrix *

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

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

TestAmerica St. Louis

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797077036200	**Reference**	SWS-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	74.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:40 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:35 AM	At local FedEx facility	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:08 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	
	English	
	English	
	English	

Select format: (•) HTML ( ) Text ( ) Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077931710	**Reference**	ERC-99-051
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	93.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:44 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:34 AM	At local FedEx facility	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:10 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: (•) HTML ( ) Text ( ) Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077934801	**Reference**	05-022
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	49.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:39 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:34 AM	At local FedEx facility	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:11 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: (•) HTML ( ) Text ( ) Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

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

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

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	797077045340	**Reference**	GRP-03-021
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:40 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:35 AM	At local FedEx facility	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:12 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	
	English	
	English	
	English	

Select format: (•) HTML ( ) Text ( ) Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8I040229, 239, 267, 050105

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/4/08
Quote No: 80692, 80697 Initiated By: BB Time: 1200

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7910 7703 6200
2. 7960 7792 1406
3. 7793 4801
4. 7792 4579
5. 7794 0071
6. 7960 7793 1710
7. 7970 7704 5340
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

1. 4
2. 2
3. 2
4. 2
5. 2
6. 5
7. 2
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:
1. WOB-009-7, 105, 117, 111
2. IOB-058-104, 109, 106, WOB-009-61, 43, 73, 55
3. IOB-058-110, WOB-009-23, 99
4. IOB-058-115, WOB-009-299, 279, 315, 329, 337, 307, 11
5. WOB-009-141, 205, 206, 197, 133, 149
6. WOB-009-125, 169, 181, 223, 217, 211
7. WOB-009-24, 27, 15

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 09-05-08

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# SL753 DUP1

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-058-115**

Page 1 of 1

Collector RM Arnold	**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-502-17	**Ice Chest No.** GWS-1050 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960-7772-4579
Protocol CERCLA	**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**
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
B1WTM8 (F)		W	9/2/08	1007	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXP1		W	〃	〃	1x20-mL P	Activity Scan	6 Months	None
B1WXP1		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
RM Arnold		RM Arnold	9/3/08 1430	FedEx			
FedEx				B. Neil			9/4/08 1000

Matrix *

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

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

TestAmerica St. Louis

28

162

SDG# SL753

FLUOR HANFORD SL753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-058-108**

Page 1 of 1

Collector Roy Shepard, Fluor Hanford	**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.** BUNCH 99	**Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 1792 1605	
Protocol CERCLA	**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 ☐
100 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WTK4 (F)		W	9-2-08	1236	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN4		W	1	1	1x20-mL P	Activity Scan	6 Months	None
B1WXN4		W	9-2-08	1236	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		0830 9-3-08		R. Ellingsworth		9-3-08 0830
Relinquished By			Date/Time	Received By			Date/Time
R. Ellingsworth			9-3-08 1400	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							9/4/08 1000
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 = 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

29

162

TestAmerica St. Louis

SDG# SL753

FLUOR HANFORD 51753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-058-109**

Page 1 of 1

Collector Roy Shepard, Fluor Hanford	**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.** Bunch 09 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 7797 1606
Protocol CERCLA	**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**
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
B1WTK6 (F)		W	9-2-08	1236	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN5		W	1	1	1x20-mL P	Activity Scan	6 Months	None
B1WXN5		W	9-2-08	1236	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		9-3-08 0830	R. Ellingsworth		9-3-08 0830
R. Ellingsworth		9-3-08 1400	Fed Ex		
FedEx			6-R		9/4/08 1000

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

30

162

TestAmerica St. Louis

SDG# SL753

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **108-058-106**

Page 1 of 1

Collector Roy Shepard, Fluor Hanford	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. 108-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100NR2IAM, SEPTEMBER 2008	HNF-N-506-19	**Ice Chest No.** Bench 99 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 7792 1606
Protocol CERCLA	**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**
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
B1WTJ8 (F)		W	9-2-08	1011	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN2		W	9-2-08	1011	1x20-mL P	Activity Scan	6 Months	None
B1WXN2		W	9-2-08	1011	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			9-3-08 0830	R. Ellingsworth			9-3-08 0830
R. Ellingsworth			9-3-08 1400	Fed EX			
FEDEX							9/4/08 1000

Matrix *

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

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

TestAmerica St. Louis

31

162

SDG# SL753

FLUOR HANFORD 5L753

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-058-110**

Page 1 of 1

Collector RM Arnold	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. 108-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100NR2IAM, SEPTEMBER 2008	1UNE-N-50C-17	**Ice Chest No.** 05-022 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 7793 4501
Protocol CERCLA	**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 ☐
100 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WTK9 (F)		W	9/2/08	1227	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXN6		W	"	"	1x20-mL P	Activity Scan	6 Months	None
B1WXN6		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
RM Arnold	RM Arnold	RM Arnold	9-3-08 1400	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							9/4/08 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

32

162

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

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

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

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

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	
	English	
	English	
	English	

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077921606	**Reference**	BUNCH 99
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	65.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:38 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:06 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	
	English	
	English	
	English	

Select format: (•) HTML ( ) Text ( ) Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796077934801	**Reference**	05-022
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 4, 2008 10:05 AM	**Service type**	Priority Overnight
		Weight	49.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location
Sep 4, 2008	10:05 AM	**Delivered**	Earth City, MO
	7:39 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:34 AM	At local FedEx facility	EARTH CITY, MO
	7:23 AM	At dest sort facility	BERKELEY, MO
	5:42 AM	Departed FedEx location	MEMPHIS, TN
	1:11 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 3, 2008	5:22 PM	Left FedEx origin facility	PASCO, WA
	4:17 PM	Picked up	PASCO, WA
	4:11 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8I040229
239
267
050105

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/4/08
Quote No: 80692, 80697 Initiated By: BB Time: 1200

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1.	7970 7703 6200	6.	7960 7793 1710
2.	7960 7792 1406	7.	7970 7704 5340
3.	7793 4861	8.	
4.	7792 4579	9.	
5.	7794 0071	10.	

Sample Temperature (s):**

1.	4	6.	5
2.	2	7.	2
3.	2	8.	
4.	2	9.	
5.	2	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:
1. W08-009-7, 105, 117, 111
2. I08-058-108, 109, 106, W08-009-61, 43, 73, 55
3. I08-058-110, W08-009-23, 99
4. I08-058-115, W08-009-299, 279, 315, 329, 337, 307, 11
5. W09-009-141, 205, 206, 197, 133, 149
6. W08-009-125, 189, 181, 223, 217, 211
7. W08-009-24, 27, 15

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: _____ Date: 09-05-08

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

METALS

Fluor Hanford Inc

Client Sample ID: B1X010

DISSOLVED Metals

Lot-Sample #...: F8I040267-005 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**26.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**39700 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KV9821AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**1.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**13.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AN**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4440 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X010

DISSOLVED Metals

Lot-Sample #...: F8I040267-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**17800**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**186 B,D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**25.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KV9821AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KV9821AV
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X011

TOTAL Metals

Lot-Sample #...: F8I040267-006 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**25.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**32800 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**25.5**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**132 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**24.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AP**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6060**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KV99C1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X011

TOTAL Metals

Lot-Sample #...: F8I040267-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	17400	5000	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	153 B,D	250	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	26.4 B	50.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.5 B	20.0	ug/L	SW846 6010B	09/17-09/19/08	KV99C1AW
		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: B1X0X8

DISSOLVED Metals

Lot-Sample #...: F8I040267-011 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**83.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**36800 C**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**5.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**37.5 B**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13200**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.1 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4680 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWACL1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X0X8

DISSOLVED Metals

Lot-Sample #...: F8I040267-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**17700**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**195**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**35.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**10.5 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWACL1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X0X9

TOTAL Metals

Lot-Sample #...: F8I040267-012 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**75.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**34000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**22.3**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**111 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6630**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWACM1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X0X9

TOTAL Metals

Lot-Sample #...: F8I040267-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**179**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**32.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**12.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWACM1AW**
		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: B1X046

DISSOLVED Metals

Lot-Sample #...: F8I040267-017 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**52.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56200 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16400**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6320 N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X046

DISSOLVED Metals

Lot-Sample #...: F8I040267-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**18000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**289 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**22.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAC31AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KWAC31AV
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X047

TOTAL Metals

Lot-Sample #...: F8I040267-018 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**51.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56400 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7130**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X047

TOTAL Metals

Lot-Sample #...: F8I040267-018 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**17900**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**284 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**21.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAC81AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/19/08	KWAC81AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1X022

DISSOLVED Metals

Lot-Sample #...: F8I040267-023 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**42.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**59900 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7020 N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X022

DISSOLVED Metals

Lot-Sample #...: F8I040267-023 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16200**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**315 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**24.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWADN1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KWADN1AV
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X023

TOTAL Metals

Lot-Sample #...: F8I040267-024 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	**4.1 B**	**60.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AC**
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**44.0 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56400 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**19.4**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**121 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.7 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6980**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWADQ1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X023

TOTAL Metals

Lot-Sample #...: F8I040267-024 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16800**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**286 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**26.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**5.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWADQ1AW**
		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: B1WYY8

DISSOLVED Metals

Lot-Sample #...: F8I040267-029 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**36.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56200 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**15000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7180 N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAD81AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WYY8

DISSOLVED Metals

Lot-Sample #...: F8I040267-029 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**15000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**303 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**23.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.3 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAD81AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WYY9

TOTAL Metals

Lot-Sample #...: F8I040267-030 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**39.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56500 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**128 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6340**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAD91AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WYY9

TOTAL Metals

Lot-Sample #...: F8I040267-030 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16100**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**292 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AD**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**25.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.8 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAD91AW**
		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: B1X0Y9

DISSOLVED Metals

Lot-Sample #...: F8I040267-035 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**38.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**43400 C**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13600**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3270 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X0Y9

DISSOLVED Metals

Lot-Sample #...: F8I040267-035 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**10800**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**164**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**27.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEF1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/18/08	KWAEF1AV
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X100

TOTAL Metals

Lot-Sample #...: F8I040267-036 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**40.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**43500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**330 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**14300**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**5.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**2880 B**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAEH1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X100

TOTAL Metals

Lot-Sample #...: F8I040267-036 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	11000	5000	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	164	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	29.6 B	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.9 B	20.0	ug/L	SW846 6010B	09/17-09/19/08	KWAEH1AW
		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: B1X110

DISSOLVED Metals

Lot-Sample #...: F8I040267-041 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	09/17-09/18/08	KWAEP1AA
Barium	**44.1 B**	**200** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 0.85	**09/17-09/18/08**	**KWAEP1AC**
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.50	09/17-09/18/08	KWAEP1AD
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.45	09/17-09/18/08	KWAEP1AE
Calcium	**51400 C,D**	**25000** Dilution Factor: 5	**ug/L**	**SW846 6010B** MDL.....: 93.0	**09/17-09/18/08**	**KWAEP1AF**
Chromium	**3.7 B**	**10.0** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 3.1	**09/17-09/18/08**	**KWAEP1AG**
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.0	09/17-09/18/08	KWAEP1AH
Copper	ND	25.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 4.6	09/17-09/18/08	KWAEP1AJ
Iron	ND	100 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 16.0	09/17-09/18/08	KWAEP1AK
Magnesium	**16100**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 110	**09/17-09/18/08**	**KWAEP1AL**
Manganese	ND	15.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 0.96	09/17-09/18/08	KWAEP1AM
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 13.3	09/17-09/18/08	KWAEP1AN
Potassium	**3410 B,N**	**5000** Dilution Factor: 1	**ug/L**	**SW846 6010B** MDL.....: 1650	**09/17-09/18/08**	**KWAEP1AP**
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010B MDL.....: 6.0	09/17-09/18/08	KWAEP1AQ

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X110

DISSOLVED Metals

Lot-Sample #...: F8I040267-041 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**14000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEP1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**203 B,D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEP1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**29.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEP1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.4 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWAEP1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1X111

TOTAL Metals

Lot-Sample #...: F8I040267-042 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**43.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**48300**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**19.8 B,C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16000**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4730 B**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1X111

TOTAL Metals

Lot-Sample #...: F8I040267-042 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**189**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**28.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWAE01AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/19/08	KWAE01AW
		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: B1WTM8

DISSOLVED Metals

Lot-Sample #...: F8I050105-001 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**30.0 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**42600 C**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**24.0**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3440 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4K1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WTM8

DISSOLVED Metals

Lot-Sample #...: F8I050105-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**15100**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**291**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**19.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.5 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4K1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WXP1

TOTAL Metals

Lot-Sample #...: F8I050105-002 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**25.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**37300**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**23.8**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**39.1 B,C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5440**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4M1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WXP1

TOTAL Metals

Lot-Sample #...: F8I050105-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**13400**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**252**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**16.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4M1AW**
		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: B1WTK4

DISSOLVED Metals

Lot-Sample #...: F8I050105-003 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**37.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**55100 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**409**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**20.1**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4290 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4P1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WTK4

DISSOLVED Metals

Lot-Sample #...: F8I050105-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**6170**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**352 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**9.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**6.3 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4P1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WXN4

TOTAL Metals

Lot-Sample #...: F8I050105-004 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**37.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**58500 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**887 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13700**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**24.5**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4730 B**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4Q1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WXN4

TOTAL Metals

Lot-Sample #...: F8I050105-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**6550**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**358 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**10.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**7.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4Q1AW**
		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: B1WTK6

DISSOLVED Metals

Lot-Sample #...: F8I050105-005 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**38.2 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56500 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**419**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**21.1**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4820 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4R1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WTK6

DISSOLVED Metals

Lot-Sample #...: F8I050105-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**6230**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**358 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**9.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**7.1 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4R1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WXN5

TOTAL Metals

Lot-Sample #...: F8I050105-006 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**37.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**57500 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**847 C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**23.1**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**1990 B**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4V1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WXN5

TOTAL Metals

Lot-Sample #...: F8I050105-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**6470**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**347 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**9.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**9.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4V1AW**
		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: B1WTJ8

DISSOLVED Metals

Lot-Sample #...: F8I050105-007 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**25.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**43500 C**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**4.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10600**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3780 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA4W1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WTJ8

DISSOLVED Metals

Lot-Sample #...: F8I050105-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**15100**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**272**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**11.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**8.7 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA4W1AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WXN2

TOTAL Metals

Lot-Sample #...: F8I050105-008 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**24.2 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**41500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**5.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**37.6 B,C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10500**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6850**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA4X1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WXN2

TOTAL Metals

Lot-Sample #...: F8I050105-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	14800	5000	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	262	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	11.0 B	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.2 B	20.0	ug/L	SW846 6010B	09/17-09/19/08	KWA4X1AW
		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: B1WTK9

DISSOLVED Metals

Lot-Sample #...: F8I050105-009 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**60.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**93100 C,D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**3.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**16.3 B**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**17800**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3880 B,N**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KWA401AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WTK9

DISSOLVED Metals

Lot-Sample #...: F8I050105-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**11700**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**452 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AT**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**7.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	**5.9 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KWA401AV**
		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.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1WXN6

TOTAL Metals

Lot-Sample #...: F8I050105-010 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**56.2 B**	**200**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**90900 D**	**25000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**15.2**	**10.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**76.9 B,C**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16800**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5170**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1WXN6

TOTAL Metals

Lot-Sample #...: F8I050105-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**11300**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**429 D**	**250**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**6.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KWA411AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/19/08	KWA411AW
		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 #...: SL753 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I170000-097 **Prep Batch #...:** 8261097						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AJ
		Dilution Factor: 1				
Iron	**93.1 B**	**100**	**ug/L**	**SW846 6010B**	**09/17-09/19/08**	**KW1WF1AK**
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AR
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/17-09/19/08	KW1WF1AV
		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 #...: SL753 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I170000-090 **Prep Batch #...:** 8261090						
Antimony	ND	60.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AE
		Dilution Factor: 1				
Calcium	**35.4 B**	**5000**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KW1WT1AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AR
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/17-09/18/08	KW1WT1AU
		Dilution Factor: 1				
Zinc	**8.4 B**	**20.0**	**ug/L**	**SW846 6010B**	**09/17-09/18/08**	**KW1WT1AV**
		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 #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8I170000-097 **Prep Batch #...:** 8261097							
Antimony	500	490	ug/L	98	SW846 6010B	09/17-09/19/08	KW1WF1AW
			Dilution Factor: 1				
Barium	500	507	ug/L	101	SW846 6010B	09/17-09/19/08	KW1WF1AX
			Dilution Factor: 1				
Beryllium	500	534	ug/L	107	SW846 6010B	09/17-09/19/08	KW1WF1A0
			Dilution Factor: 1				
Cadmium	500	515	ug/L	103	SW846 6010B	09/17-09/19/08	KW1WF1A1
			Dilution Factor: 1				
Calcium	10000	10500	ug/L	105	SW846 6010B	09/17-09/19/08	KW1WF1A2
			Dilution Factor: 1				
Chromium	500	493	ug/L	99	SW846 6010B	09/17-09/19/08	KW1WF1A3
			Dilution Factor: 1				
Cobalt	500	489	ug/L	98	SW846 6010B	09/17-09/19/08	KW1WF1A4
			Dilution Factor: 1				
Copper	500	480	ug/L	96	SW846 6010B	09/17-09/19/08	KW1WF1A5
			Dilution Factor: 1				
Iron	500	578	ug/L	116	SW846 6010B	09/17-09/19/08	KW1WF1A6
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	09/17-09/19/08	KW1WF1A7
			Dilution Factor: 1				
Manganese	500	503	ug/L	101	SW846 6010B	09/17-09/19/08	KW1WF1A8
			Dilution Factor: 1				
Nickel	500	505	ug/L	101	SW846 6010B	09/17-09/19/08	KW1WF1A9
			Dilution Factor: 1				
Potassium	10000	11500	ug/L	115	SW846 6010B	09/17-09/19/08	KW1WF1CA
			Dilution Factor: 1				
Silver	125	123	ug/L	98	SW846 6010B	09/17-09/19/08	KW1WF1CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	09/17-09/19/08	KW1WF1CD
			Dilution Factor: 1				
Strontium	500	505	ug/L	101	SW846 6010B	09/17-09/19/08	KW1WF1CE
			Dilution Factor: 1				
Vanadium	500	500	ug/L	100	SW846 6010B	09/17-09/19/08	KW1WF1CF
			Dilution Factor: 1				
Zinc	500	544	ug/L	109	SW846 6010B	09/17-09/19/08	KW1WF1CG
			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 #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8I170000-090 **Prep Batch #...:** 8261090							
Antimony	500	510	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WT1AW
			Dilution Factor: 1				
Barium	500	530	ug/L	106	SW846 6010B	09/17-09/18/08	KW1WT1AX
			Dilution Factor: 1				
Beryllium	500	542	ug/L	108	SW846 6010B	09/17-09/18/08	KW1WT1A0
			Dilution Factor: 1				
Cadmium	500	523	ug/L	105	SW846 6010B	09/17-09/18/08	KW1WT1A1
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	09/17-09/18/08	KW1WT1A2
			Dilution Factor: 1				
Chromium	500	502	ug/L	100	SW846 6010B	09/17-09/18/08	KW1WT1A3
			Dilution Factor: 1				
Cobalt	500	495	ug/L	99	SW846 6010B	09/17-09/18/08	KW1WT1A4
			Dilution Factor: 1				
Copper	500	500	ug/L	100	SW846 6010B	09/17-09/18/08	KW1WT1A5
			Dilution Factor: 1				
Iron	500	586	ug/L	117	SW846 6010B	09/17-09/18/08	KW1WT1A6
			Dilution Factor: 1				
Magnesium	10000	10200	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WT1A7
			Dilution Factor: 1				
Manganese	500	511	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WT1A8
			Dilution Factor: 1				
Nickel	500	515	ug/L	103	SW846 6010B	09/17-09/18/08	KW1WT1A9
			Dilution Factor: 1				
Potassium	10000	10100	ug/L	101	SW846 6010B	09/17-09/18/08	KW1WT1CA
			Dilution Factor: 1				
Silver	125	127	ug/L	101	SW846 6010B	09/17-09/18/08	KW1WT1CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	09/17-09/18/08	KW1WT1CD
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/17-09/18/08	KW1WT1CE
			Dilution Factor: 1				
Vanadium	500	512	ug/L	102	SW846 6010B	09/17-09/18/08	KW1WT1CF
			Dilution Factor: 1				
Zinc	500	554	ug/L	111	SW846 6010B	09/17-09/18/08	KW1WT1CG
			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 #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I040267-006 **Prep Batch #...:** 8261097									
Antimony									
	ND	250	244	ug/L	97		SW846 6010B	09/17-09/19/08	KV99C1AX
	ND	250	233	ug/L	93	4.6	SW846 6010B	09/17-09/19/08	KV99C1A0
			Dilution Factor: 1						
Barium									
	25.9	1000	1050	ug/L	103		SW846 6010B	09/17-09/19/08	KV99C1A1
	25.9	1000	1030	ug/L	100	2.3	SW846 6010B	09/17-09/19/08	KV99C1A2
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.5	ug/L	110		SW846 6010B	09/17-09/19/08	KV99C1A3
	ND	25.0	26.6	ug/L	106	3.3	SW846 6010B	09/17-09/19/08	KV99C1A4
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.2	ug/L	101		SW846 6010B	09/17-09/19/08	KV99C1A5
	ND	25.0	24.8	ug/L	99	2.0	SW846 6010B	09/17-09/19/08	KV99C1A6
			Dilution Factor: 1						
Calcium									
	32800	25000	63000 D	ug/L	121		SW846 6010B	09/17-09/19/08	KV99C1A7
	32800	25000	62900 D	ug/L	120	0.09	SW846 6010B	09/17-09/19/08	KV99C1A8
			Dilution Factor: 5						
Chromium									
	25.5	100	118	ug/L	92		SW846 6010B	09/17-09/19/08	KV99C1A9
	25.5	100	113	ug/L	88	3.6	SW846 6010B	09/17-09/19/08	KV99C1CA
			Dilution Factor: 1						
Cobalt									
	ND	250	242	ug/L	97		SW846 6010B	09/17-09/19/08	KV99C1CC
	ND	250	233	ug/L	93	4.0	SW846 6010B	09/17-09/19/08	KV99C1CD
			Dilution Factor: 1						
Copper									
	ND	125	124	ug/L	99		SW846 6010B	09/17-09/19/08	KV99C1CE
	ND	125	121	ug/L	97	2.3	SW846 6010B	09/17-09/19/08	KV99C1CF
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	132	500	661	ug/L	106		SW846 6010B	09/17-09/19/08	KV99C1CG
	132	500	644	ug/L	102	2.6	SW846 6010B	09/17-09/19/08	KV99C1CH
			Dilution Factor: 1						
Magnesium									
	10500	25000	36700	ug/L	105		SW846 6010B	09/17-09/19/08	KV99C1CJ
	10500	25000	35600	ug/L	100	3.0	SW846 6010B	09/17-09/19/08	KV99C1CK
			Dilution Factor: 1						
Manganese									
	3.6	250	257	ug/L	101		SW846 6010B	09/17-09/19/08	KV99C1CL
	3.6	250	249	ug/L	98	3.4	SW846 6010B	09/17-09/19/08	KV99C1CM
			Dilution Factor: 1						
Nickel									
	24.7	250	262	ug/L	95		SW846 6010B	09/17-09/19/08	KV99C1CN
	24.7	250	257	ug/L	93	2.0	SW846 6010B	09/17-09/19/08	KV99C1CP
			Dilution Factor: 1						
Potassium									
	6060	12500	20400	ug/L	114		SW846 6010B	09/17-09/19/08	KV99C1CQ
	6060	12500	18200	ug/L	97	11	SW846 6010B	09/17-09/19/08	KV99C1CR
			Dilution Factor: 1						
Silver									
	ND	25.0	24.7	ug/L	99		SW846 6010B	09/17-09/19/08	KV99C1CT
	ND	25.0	24.6	ug/L	98	0.44	SW846 6010B	09/17-09/19/08	KV99C1CU
			Dilution Factor: 1						
Sodium									
	17400	12500	30600	ug/L	106		SW846 6010B	09/17-09/19/08	KV99C1CV
	17400	12500	29600	ug/L	98	3.4	SW846 6010B	09/17-09/19/08	KV99C1CW
			Dilution Factor: 1						
Strontium									
	153	500	680 D	ug/L	105		SW846 6010B	09/17-09/19/08	KV99C1CX
	153	500	662 D	ug/L	102	2.7	SW846 6010B	09/17-09/19/08	KV99C1C0
			Dilution Factor: 5						
Vanadium									
	26.4	250	278	ug/L	100		SW846 6010B	09/17-09/19/08	KV99C1C1
	26.4	250	269	ug/L	97	3.0	SW846 6010B	09/17-09/19/08	KV99C1C2
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	6.5	250	279	ug/L	109		SW846 6010B	09/17-09/19/08	KV99C1C3
	6.5	250	269	ug/L	105	3.7	SW846 6010B	09/17-09/19/08	KV99C1C4

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 #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8I040267-005 **Prep Batch #...:** 8261090									
Antimony									
	ND	250	245	ug/L	98		SW846 6010B	09/17-09/18/08	KV9821AW
	ND	250	248	ug/L	99	1.2	SW846 6010B	09/17-09/18/08	KV9821AX
			Dilution Factor: 1						
Barium									
	26.7	1000	1060	ug/L	103		SW846 6010B	09/17-09/18/08	KV9821A0
	26.7	1000	1080	ug/L	106	2.4	SW846 6010B	09/17-09/18/08	KV9821A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.2	ug/L	109		SW846 6010B	09/17-09/18/08	KV9821A2
	ND	25.0	27.8	ug/L	111	2.0	SW846 6010B	09/17-09/18/08	KV9821A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.2	ug/L	101		SW846 6010B	09/17-09/18/08	KV9821A4
	ND	25.0	25.8	ug/L	103	2.4	SW846 6010B	09/17-09/18/08	KV9821A5
			Dilution Factor: 1						
Calcium									
	39700	25000	64300 D	ug/L	99		SW846 6010B	09/17-09/18/08	KV9821A6
	39700	25000	65100 D	ug/L	102	1.1	SW846 6010B	09/17-09/18/08	KV9821A7
			Dilution Factor: 5						
Chromium									
	3.3	100	102	ug/L	98		SW846 6010B	09/17-09/18/08	KV9821A8
	3.3	100	104	ug/L	100	2.0	SW846 6010B	09/17-09/18/08	KV9821A9
			Dilution Factor: 1						
Cobalt									
	ND	250	240	ug/L	96		SW846 6010B	09/17-09/18/08	KV9821CA
	ND	250	245	ug/L	98	2.0	SW846 6010B	09/17-09/18/08	KV9821CC
			Dilution Factor: 1						
Copper									
	ND	125	123	ug/L	99		SW846 6010B	09/17-09/18/08	KV9821CD
	ND	125	126	ug/L	101	2.3	SW846 6010B	09/17-09/18/08	KV9821CE
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	571	ug/L	114		SW846 6010B	09/17-09/18/08	KV9821CF
	ND	500	584	ug/L	117	2.3	SW846 6010B	09/17-09/18/08	KV9821CG
			Dilution Factor: 1						
Magnesium									
	10500	25000	35100	ug/L	99		SW846 6010B	09/17-09/18/08	KV9821CH
	10500	25000	36000	ug/L	102	2.4	SW846 6010B	09/17-09/18/08	KV9821CJ
			Dilution Factor: 1						
Manganese									
	1.0	250	254	ug/L	101		SW846 6010B	09/17-09/18/08	KV9821CK
	1.0	250	259	ug/L	103	2.0	SW846 6010B	09/17-09/18/08	KV9821CL
			Dilution Factor: 1						
Nickel									
	13.7	250	256	ug/L	97		SW846 6010B	09/17-09/18/08	KV9821CM
	13.7	250	261	ug/L	99	2.2	SW846 6010B	09/17-09/18/08	KV9821CN
			Dilution Factor: 1						
Potassium									
	4440	12500	18900	ug/L	116		SW846 6010B	09/17-09/18/08	KV9821CP
	4440	12500	20200 N	ug/L	126	6.6	SW846 6010B	09/17-09/18/08	KV9821CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.1	ug/L	101		SW846 6010B	09/17-09/18/08	KV9821CR
	ND	25.0	25.3	ug/L	101	0.51	SW846 6010B	09/17-09/18/08	KV9821CT
			Dilution Factor: 1						
Sodium									
	17800	12500	29800	ug/L	96		SW846 6010B	09/17-09/18/08	KV9821CU
	17800	12500	30300	ug/L	100	1.7	SW846 6010B	09/17-09/18/08	KV9821CV
			Dilution Factor: 1						
Strontium									
	186	500	691 D	ug/L	101		SW846 6010B	09/17-09/18/08	KV9821CW
	186	500	714 D	ug/L	106	3.2	SW846 6010B	09/17-09/18/08	KV9821CX
			Dilution Factor: 5						
Vanadium									
	25.9	250	276	ug/L	100		SW846 6010B	09/17-09/18/08	KV9821C0
	25.9	250	282	ug/L	102	2.1	SW846 6010B	09/17-09/18/08	KV9821C1
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	273	ug/L	109		SW846 6010B	09/17-09/18/08	KV9821C2
	ND	250	280	ug/L	112	2.4	SW846 6010B	09/17-09/18/08	KV9821C3

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.

N Spiked analyte recovery is outside stated control limits.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1X006

General Chemistry

Lot-Sample #...: F8I040267-001 **Work Order #...:** KV98J **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.21 B	1.0	mg/L	SW846 9060	09/12/08	8256141

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: B1X007

General Chemistry

Lot-Sample #...: F8I040267-002 **Work Order #...:** KV98N **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.29 B	1.0	mg/L	SW846 9060	09/09/08	8253191

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: B1X008

General Chemistry

Lot-Sample #...: F8I040267-003 **Work Order #...:** KV98Q **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.33 B	1.0	mg/L	SW846 9060	09/09/08	8253191

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: B1X009

General Chemistry

Lot-Sample #...: F8I040267-004 **Work Order #...:** KV98W **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.22 B	1.0	mg/L	SW846 9060	09/09/08	8253191

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: B1X0X0

General Chemistry

Lot-Sample #...: F8I040267-007 **Work Order #...:** KV99H **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414

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

Fluor Hanford Inc

Client Sample ID: B1X0X1

General Chemistry

Lot-Sample #...: F8I040267-008 **Work Order #...:** KWACD **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414

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

Fluor Hanford Inc

Client Sample ID: B1X0X2

General Chemistry

Lot-Sample #...: F8I040267-009 **Work Order #...:** KWACH **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414

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

Fluor Hanford Inc

Client Sample ID: B1X0X3

General Chemistry

Lot-Sample #...: F8I040267-010 **Work Order #...:** KWACJ **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414

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

Fluor Hanford Inc

Client Sample ID: B1X042

General Chemistry

Lot-Sample #...: F8I040267-013 **Work Order #...:** KWACQ **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414

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

Fluor Hanford Inc

Client Sample ID: B1X043

General Chemistry

Lot-Sample #...: F8I040267-014 **Work Order #...:** KWACT **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.23 B	1.0	mg/L	SW846 9060	09/11/08	8254414

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: B1X044

General Chemistry

Lot-Sample #...: F8I040267-015 **Work Order #...:** KWACX **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.25 B	1.0	mg/L	SW846 9060	09/11/08	8254414

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: B1X045

General Chemistry

Lot-Sample #...: F8I040267-016 **Work Order #...:** KWAC1 **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.31 B	1.0	mg/L	SW846 9060	09/11/08	8254414

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: B1X018

General Chemistry

Lot-Sample #...: F8I040267-019 **Work Order #...:** KWADC **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.26 B	1.0	mg/L	SW846 9060	09/09/08	8253191

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: B1X019

General Chemistry

Lot-Sample #...: F8I040267-020 **Work Order #...:** KWADF **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

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

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

Fluor Hanford Inc

Client Sample ID: B1X020

General Chemistry

Lot-Sample #...: F8I040267-021 **Work Order #...:** KWADH **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116

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

Fluor Hanford Inc

Client Sample ID: B1X021

General Chemistry

Lot-Sample #...: F8I040267-022 **Work Order #...:** KWADJ **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.23 B**	**1.0**	**mg/L**	**SW846 9060**	**09/09/08**	**8253191**

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: B1WYY4

General Chemistry

Lot-Sample #...: F8I040267-025 **Work Order #...:** KWAD1 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.37 B**	**1.0**	**mg/L**	**SW846 9060**	**09/12/08**	**8256141**

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: B1WYY5

General Chemistry

Lot-Sample #...: F8I040267-026 **Work Order #...:** KWAD4 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141

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

Fluor Hanford Inc

Client Sample ID: B1WYY6

General Chemistry

Lot-Sample #...: F8I040267-027 **Work Order #...:** KWAD6 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.20 B	1.0	mg/L	SW846 9060	09/12/08	8256141

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: B1WYY7

General Chemistry

Lot-Sample #...: F8I040267-028 **Work Order #...:** KWAD7 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141

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

Fluor Hanford Inc

Client Sample ID: B1X0Y5

General Chemistry

Lot-Sample #...: F8I040267-031 **Work Order #...:** KWAEA **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**26.4**	**5.0**	**ug/L**	**SW846 9020B**	**09/24/08**	**8269180**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0Y6

General Chemistry

Lot-Sample #...: F8I040267-032 **Work Order #...:** KWAEC **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**43.6**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0Y7

General Chemistry

Lot-Sample #...: F8I040267-033 **Work Order #...:** KWAED **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414
		Dilution Factor: 1		MDL.....: 0.20		
TOX	**40.1**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0Y8

General Chemistry

Lot-Sample #...: F8I040267-034 **Work Order #...:** KWAEE **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/11/08	8254414
		Dilution Factor: 1		MDL.....: 0.20		
TOX	**39.4**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X106

General Chemistry

Lot-Sample #...: F8I040267-037 **Work Order #...:** KWAEJ **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.4	1.0	mg/L	SW846 9060	09/11/08	8254414
	Dilution Factor: 1			MDL.....: 0.20		
TOX	18.1	5.0	ug/L	SW846 9020B	09/23/08	8266287
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X107

General Chemistry

Lot-Sample #...: F8I040267-038 **Work Order #...:** KWAEL **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**1.4**	**1.0**	**mg/L**	**SW846 9060**	**09/11/08**	**8254414**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**18.0**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X108

General Chemistry

Lot-Sample #...: F8I040267-039 **Work Order #...:** KWAEM **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**1.5**	**1.0**	**mg/L**	**SW846 9060**	**09/11/08**	**8254414**
		Dilution Factor: 1		MDL.....: 0.20		
TOX	**16.4**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X109

General Chemistry

Lot-Sample #...: F8I040267-040 **Work Order #...:** KWAEN **Matrix.....:** WATER
Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	1.4	1.0	mg/L	SW846 9060	09/11/08	8254414
		Dilution Factor: 1		MDL.....: 0.20		
TOX	16.3	5.0	ug/L	SW846 9020B	09/23/08	8266287
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0L7

General Chemistry

Lot-Sample #...: F8I040267-043 **Work Order #...:** KWAE6 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0L8

General Chemistry

Lot-Sample #...: F8I040267-044 **Work Order #...:** KWAE8 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0L9

General Chemistry

Lot-Sample #...: F8I040267-045 **Work Order #...:** KWAE9 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0M0

General Chemistry

Lot-Sample #...: F8I040267-046 **Work Order #...:** KWAFA **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K8

General Chemistry

Lot-Sample #...: F8I040267-047 **Work Order #...:** KWAFF **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K9

General Chemistry

Lot-Sample #...: F8I040267-048 **Work Order #...:** KWAFH **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0L0

General Chemistry

Lot-Sample #...: F8I040267-049 **Work Order #...:** KWAFJ **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**46.3**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0L1

General Chemistry

Lot-Sample #...: F8I040267-050 **Work Order #...:** KWAFK **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**6.0**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0J4

General Chemistry

Lot-Sample #...: F8I040267-051 **Work Order #...:** KWAFM **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**2.2**	**1.0**	**mg/L**	**SW846 9060**	**09/12/08**	**8256141**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**6.1**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0J5

General Chemistry

Lot-Sample #...: F8I040267-052 **Work Order #...:** KWAFQ **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**2.1**	**1.0**	**mg/L**	**SW846 9060**	**09/12/08**	**8256141**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**7.7**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0J6

General Chemistry

Lot-Sample #...: F8I040267-053 **Work Order #...:** KWAFR **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**2.0**	**1.0**	**mg/L**	**SW846 9060**	**09/12/08**	**8256141**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**5.6**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0J7

General Chemistry

Lot-Sample #...: F8I040267-054 **Work Order #...:** KWAFT **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**2.1**	**1.0**	**mg/L**	**SW846 9060**	**09/12/08**	**8256141**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**7.0**	**5.0**	**ug/L**	**SW846 9020B**	**09/22/08**	**8266272**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K0

General Chemistry

Lot-Sample #...: F8I040267-055 **Work Order #...:** KWAF4 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K1

General Chemistry

Lot-Sample #...: F8I040267-056 **Work Order #...:** KWAF7 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K2

General Chemistry

Lot-Sample #...: F8I040267-057 **Work Order #...:** KWAGF **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0K3

General Chemistry

Lot-Sample #...: F8I040267-058 **Work Order #...:** KWAGH **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/23/08	8266272
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0P0

General Chemistry

Lot-Sample #...: F8I040267-059 **Work Order #...:** KWAGK **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**5.3**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0P1

General Chemistry

Lot-Sample #...: F8I040267-060 **Work Order #...:** KWAGL **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**5.6**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	Dilution Factor: 1			MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1X0P2

General Chemistry

Lot-Sample #...: F8I040267-061 **Work Order #...:** KWAGM **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**3.9 B**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	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: B1X0P3

General Chemistry

Lot-Sample #...: F8I040267-062 **Work Order #...:** KWAGN **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/15/08	8259116
	Dilution Factor: 1			MDL.....: 0.20		
TOX	**3.9 B**	**5.0**	**ug/L**	**SW846 9020B**	**09/23/08**	**8266287**
	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: B1X0H5

General Chemistry

Lot-Sample #...: F8I040267-063 **Work Order #...:** KWAGQ **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.61 B**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/23/08	8266287
	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: B1X0H6

General Chemistry

Lot-Sample #...: F8I040267-064 **Work Order #...:** KWAGT **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.61 B**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/23/08	8266287
	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: B1X0H7

General Chemistry

Lot-Sample #...: F8I040267-065 **Work Order #...:** KWAGW **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.60 B**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/24/08	8266287
	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: B1X0H8

General Chemistry

Lot-Sample #...: F8I040267-066 **Work Order #...:** KWAG0 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	**0.63 B**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
	Dilution Factor: 1			MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	09/24/08	8266287
	Dilution Factor: 1			MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: KWJ7N1AA		MB Lot-Sample #:	F8I090000-191	
	ND	1.0	mg/L	SW846 9060	09/09/08	8253191
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: KWQEX1AA		MB Lot-Sample #:	F8I100000-414	
	ND	1.0	mg/L	SW846 9060	09/11/08	8254414
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: KWWE91AA		MB Lot-Sample #:	F8I120000-141	
	ND	1.0	mg/L	SW846 9060	09/12/08	8256141
		Dilution Factor: 1				
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				
TOX		Work Order #: KXD821AA		MB Lot-Sample #:	F8I220000-272	
	ND	5.0	ug/L	SW846 9020B	09/22/08	8266272
		Dilution Factor: 1				
TOX		Work Order #: KXJ4X1AA		MB Lot-Sample #:	F8I220000-287	
	ND	5.0	ug/L	SW846 9020B	09/23/08	8266287
		Dilution Factor: 1				
TOX		Work Order #: KXKAK1AA		MB Lot-Sample #:	F8I250000-180	
	ND	5.0	ug/L	SW846 9020B	09/24/08	8269180
		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 #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		WO#:KWJ7N1AC-LCS/KWJ7N1AD-LCSD				LCS Lot-Sample#: F8I090000-191		
	8.00	8.15	mg/L	102		SW846 9060	09/09/08	8253191
	8.00	8.14	mg/L	102	0.09	SW846 9060	09/09/08	8253191
		Dilution Factor: 1						
Total Organic Carbon		WO#:KWQEX1AC-LCS/KWQEX1AD-LCSD				LCS Lot-Sample#: F8I100000-414		
	8.00	7.96	mg/L	99		SW846 9060	09/11/08	8254414
	8.00	8.09	mg/L	101	1.6	SW846 9060	09/11/08	8254414
		Dilution Factor: 1						
Total Organic Carbon		WO#:KWWE91AC-LCS/KWWE91AD-LCSD				LCS Lot-Sample#: F8I120000-141		
	8.00	7.91	mg/L	99		SW846 9060	09/12/08	8256141
	8.00	8.01	mg/L	100	1.2	SW846 9060	09/12/08	8256141
		Dilution Factor: 1						
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						

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL753 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #: KXD821AC	LCS Lot-Sample#: F8I220000-272			
	100	98.6	ug/L	99	SW846 9020B	09/22/08	8266272
			Dilution Factor: 1				
TOX			Work Order #: KXJ4X1AC	LCS Lot-Sample#: F8I220000-287			
	100	98.2	ug/L	98	SW846 9020B	09/23/08	8266287
			Dilution Factor: 1				
TOX			Work Order #: KXKAK1AC	LCS Lot-Sample#: F8I250000-180			
	100	101	ug/L	101	SW846 9020B	09/24/08	8269180
			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 #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			Work Order #...: KV6RK1AG			MS Lot-Sample #: F8I030139-001		
	ND	5.00	5.54	mg/L	111	SW846 9060	09/09/08	8253191
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KV9XG1A0			MS Lot-Sample #: F8I040239-008		
	ND	5.00	5.79	mg/L	116	SW846 9060	09/09/08	8253191
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KV98J1AC			MS Lot-Sample #: F8I040267-001		
	0.21	5.00	5.44	mg/L	105	SW846 9060	09/12/08	8256141
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KV99H1AC			MS Lot-Sample #: F8I040267-007		
	ND	5.00	5.46	mg/L	109	SW846 9060	09/11/08	8254414
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KWADH1AC			MS Lot-Sample #: F8I040267-021		
	ND	5.00	5.58	mg/L	112	SW846 9060	09/15/08	8259116
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KWAED1AD			MS Lot-Sample #: F8I040267-033		
	ND	5.00	5.53	mg/L	111	SW846 9060	09/11/08	8254414
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KWAFK1AD			MS Lot-Sample #: F8I040267-050		
	ND	5.00	5.49	mg/L	110	SW846 9060	09/12/08	8256141
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...: KWDV21CA			MS Lot-Sample #: F8I050340-006		
	0.59	5.00	6.28	mg/L	114	SW846 9060	09/16/08	8259116
			Dilution Factor: 1					
TOX			Work Order #...: KV9V81AC			MS Lot-Sample #: F8I040238-001		
	12.9	100	111	ug/L	98	SW846 9020B	09/22/08	8266272
			Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL753 **Matrix.....:** WATER
Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #...: KWAEA1AF			MS Lot-Sample #: F8I040267-031		
	26.4	100	126	ug/L	100	SW846 9020B	09/24/08	8269180
			Dilution Factor: 1					
TOX			Work Order #...: KWAFK1AE			MS Lot-Sample #: F8I040267-050		
	6.0	100	103	ug/L	97	SW846 9020B	09/22/08	8266272
			Dilution Factor: 1					
TOX			Work Order #...: KWDV21CC			MS Lot-Sample #: F8I050340-006		
	8.4	100	108	ug/L	100	SW846 9020B	09/23/08	8266287
			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 #...: F8I040267 **Work Order #...:** KV6RK-SMP KV6RK-DUP **Matrix.....:** WATER

Date Sampled...: 08/29/08 **Date Received..:** 09/02/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #: F8I030139-001		
	ND	ND	mg/L	0	(0-20)	SW846 9060	09/09/08	8253191
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8I040267 **Work Order #...:** KV99H-SMP KV99H-DUP **Matrix.....:** WATER

Date Sampled...: 09/03/08 **Date Received..:** 09/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #: F8I040267-007		
	ND	ND	mg/L	0	(0-20)	SW846 9060	09/11/08	8254414

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8I040267 **Work Order #...:** KV98J-SMP KV98J-DUP **Matrix.....:** WATER

Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #: F8I040267-001		
	0.21 B	ND	mg/L	200	(0-20)	SW846 9060	09/12/08	8256141
			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.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8I040267 **Work Order #...:** KWADH-SMP KWADH-DUP **Matrix.....:** WATER

Date Sampled...: 09/02/08 **Date Received..:** 09/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #: F8I040267-021		
	ND	ND	mg/L	0	(0-20)	SW846 9060	09/15/08	8259116

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8I040267 **Work Order #...:** KV9V8-SMP KV9V8-DUP **Matrix.....:** WATER

Date Sampled...: 08/28/08 **Date Received..:** 09/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F8I040238-001	
	12.9	12.3	ug/L	4.6	(0-20)	SW846 9020B	09/22/08	8266272

Dilution Factor: 1