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0080361

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

I08-059

Lot #: F8I050340
SDG #: SL754

Steve Trent

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

RECEIVED
FEB 19 2009
EDMC

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

September 29, 2008

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

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

SDG	: SL754
Number of Samples	: 25 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: September 6, 2008

II. Introduction

Between September 5, 2008 and September 6, 2008, twenty five (25) 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: I08-059 and W08-009

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

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 29, 2008
SDG: SL754

ICP Metals

Batch: 8262112

The CCB from the initial calibration is greater than the RL. However the CCBs bracketing the samples are below the RL.
Affected Samples:
F8I050340 (1): B1WXR8
F8I050340 (3): B1WXT4
F8I050340 (5): B1WXW2
F8I050340 (9): B1WY08
F8I050340 (13): B1WY02
F8I050344 (1): B1X1C8
F8I050344 (3): B1X1D8
F8I050344 (5): B1X172

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:
F8I050344 (1): B1X1C8
F8I050344 (5): B1X172

Batch: 8262125

The samples were analyzed at a dilution for Calcium and Strontium due to high concentrations of target and interfering analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F8I050340 (2): B1WXR9
F8I050344 (2): B1X1C9
F8I050344 (6): B1X173

Semi-Volatiles

Batch: 8256062

The MS/MSD RPD is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8I050340 (6): B1WXW3

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:
F8I050340 (6): B1WXW3

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

September 29, 2008
SDG: SL754

There were no observations or nonconformances for the following methods:

Total Organic Carbon
Total Organic Halogens
Total Sulfide
Total Phenolics

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

SL754

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

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

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

SAMPLE SUMMARY

SL754 : F8I050340

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWDVL	001	B1WXR8	09/04/08	13:05
KWDVM	002	B1WXR9	09/04/08	13:05
KWDVT	003	B1WXT4	09/04/08	11:23
KWDVW	004	B1WXT5	09/04/08	11:23
KWDV0	005	B1WXW2	09/04/08	11:10
KWDV2	006	B1WXW3	09/04/08	11:10
KWEA5	007	B1WXY8	09/04/08	08:50
KWEA6	008	B1WXY7	09/04/08	10:26
KWEA7	009	B1WY08	09/04/08	08:30
KWEA8	010	B1WY09	09/04/08	08:30
KWEA9	011	B1WY06	09/04/08	12:13
KWECA	012	B1WY07	09/04/08	12:13
KWECC	013	B1WY02	09/04/08	10:07
KWECD	014	B1WY03	09/04/08	10:07

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

SL754 : F8I050344

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWDWG	001	B1X1C8	09/04/08	11:50
KWDWK	002	B1X1C9	09/04/08	11:50
KWDWM	003	B1X1D8	09/04/08	12:59
KWDWN	004	B1X1D9	09/04/08	12:59
KWDWR	005	B1X172	09/04/08	09:28
KWDWW	006	B1X173	09/04/08	09:28

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

SL754 : F8I060178

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KWE1L	001	B1WYP7	09/05/08	12:36
KWE1R	002	B1WYP4	09/05/08	11:14
KWE1T	003	B1WYR0	09/05/08	10:21
KWE1X	004	B1WYN2	09/05/08	11:36
KWE10	005	B1WYN5	09/05/08	13:02

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# S1L1A

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-059-11**

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: 108-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code: ~~SML-344~~
Project Title: 2UP1, SEPTEMBER 2008	HNF-N-506-14	Ice Chest No.: SML-313 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 7933 3341
Protocol: SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

94 lbs

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 ☐
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXR8 (F)		W	9-4-08	1305	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXR9		W	↓	↓	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXR9		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXR9		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By: Roy Shepard, Fluor Hanford Print / Sign / Date/Time 1400 SEP 04 2008	Received By: FedEX Print / Sign / Date/Time 9/4/08	Matrix *
Relinquished By / Date/Time	Received By: B-Nil / Date/Time 9/5/08 1015	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
Relinquished By / Date/Time	Received By / Date/Time	
Relinquished By / Date/Time	Received By / Date/Time	

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

TestAmerica St. Louis

SDG# SL7114

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-059-15**

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UPL SEPTEMBER 2008	HNF-N-506-14	Ice Chest No.: SML-313 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7916079333341
Protocol: SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time
200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXT4 (F)		W	9-4-08	1123	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXT5		W	↓	↓	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXT5		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXT5		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			SEP 04 2008 1400	FedEx			SEP 04 2008
Relinquished By			Date/Time	Received By			Date/Time
				6-ND			9/5/08 1015
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

10147

SDG# SL74

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FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-059-33**

Page 1 of 1

Collector D.J. Smith	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. I08-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2UP1, SEPTEMBER 2008	WHC-N-506-18	**Ice Chest No.** SML-313 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** T960 7933 3341
Protocol SURV	**Priority:** 30 Days **PRIORITY**	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXW2 (F)		W	9-4-08	1110	1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	6 Months	HNO3 to pH <2
B1WXW3		W			3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXW3		W			1x20-mL P	Activity Scan	6 Months	None
B1WXW3		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 + Cresol (14)	7/40 Days	Cool~4C
B1WXW3		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	6 Months	HNO3 to pH <2
B1WXW3		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	7 Days	ZnAc+NaOH to pH >9 Cool~4C
B1WXW3		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	28 Days	H2SO4 to pH <2 Cool~4C
B1WXW3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	28 Days	H2SO4 to pH <2 Cool~4C
B1WXW3		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
	D. Smith	[signature]	9/04/08 1400				
Relinquished By			Date/Time	Received By			Date/Time
				[signature]			9/5/08 1015
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

TestAmerica St. Louis

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SDG# SL74

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **108-059-60**

Page 1 of 1

Collector: F. M. Hall	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: 108-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UPL SEPTEMBER 2008	HNF-N-506-19/9	Ice Chest No. GRP-03-020 Temp. 100 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7932 9100
Protocol: SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time**
200 Area Generator Knowledge Information Form applies

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXY8		W	9/4/08	0850	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXY8		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXY8		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. M. Hall			1400 9/4/08	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B-N			9/5/08 1015
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# S17-4

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-059-59**

Page 1 of 1

Collector: F. M. Hall	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UPL SEPTEMBER 2008	HNF-N-506-19/9	Ice Chest No. GPP-03-020 Temp. 16 Seller
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7932 9100
Protocol: SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ✓ No
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WXY7		W	9/4/08	1026	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WXY7		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WXY7		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
F. M. Hall	9/4/08 1400	FED EX	
		B-N	9/5/08 1015

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL714

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-059-72**

Page 1 of 1

Collector F. M. Hall	Contact/Requester Mike Neely	Telephone No. 509-373-0654 MSIN FAX
SAF No. I08-059	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 2UPL SEPTEMBER 2008	HNF-N-506-19/9	Ice Chest No. GPP-03-020 Temp. 100 elev
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7932 9100
Protocol SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time**
200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WY08 (F)		W	9/4/08	0830	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY09		W			3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WY09		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY09		W			1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. M. Hall			9/4/08 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B-Oil			9/15/08 1015
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

SDG# SL74

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **108-059-71**

Page 1 of 1

Collector F. M. Hall	**Contact/Requester** Mike Neely	**Telephone No.** 509-373-0654 **MSIN** **FAX**
SAF No. 108-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2UP1 SEPTEMBER 2008	HNF-N-506-19/9	**Ice Chest No.** GPP-03-020 **Temp.** 100 lbs
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960 7932 9100
Protocol SURV	**Priority:** 30 Days **PRIORITY**	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WY06 (F)		W	9/4/08	1213	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY07		W	↓	↓	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WY07		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY07		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	F. M. Hall	[signature]	1400 9/4/08	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B-N			9/5/08 1015
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# S17

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-059-65

Page 1 of 1

Collector: KE Hamilton	Contact/Requester: Mike Neely	Telephone No.: 509-373-0654 MSIN FAX
SAF No.: I08-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1, SEPTEMBER 2008	HNF-N-506-16	Ice Chest No. GPR 03-020 Temp. 160 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7932 9100
Protocol: SURV	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time
200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ✓ No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WY02 (F)		W	9/4/08	1007	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY03		W	↓	↓	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C
B1WY03		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1WY03		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
KE Hamilton		Kim E Hamilton	9/4/08 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time 9/5/08 1015
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

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Summary Results

Single piece shipments

Tracking number	Status	Date/Time	Destination	Service	Signatu Image
796079329100	Delivered	Sep 5, 2008 10:15 AM	Earth City, MO	FedEx Express	Yes
796079333341	Delivered	Sep 5, 2008 10:15 AM	Earth City, MO	FedEx Express	Yes

Account number
(Required for detailed Signature Proof of D
Click here if you have more than one account number for thes

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FBL05034 344 345

Condition Upon Receipt Form

Client: Hanford
Quote No: 80699, 80692 7940L
COC/RFA No: See below
Initiated By: M
Date: 9/5/08
Time: 1011

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1.	7960 7933 3341	6.		1.	3
2.	7932 9140	7.		2.	4
3.	7998 9965 8232	8.		3.	2
4.		9.		4.	
5.		10.		5.	

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. F08-059-11, 15, 33, W08-009-157

2. F08-059-60, 59, 72, 71, 65, W08-009-243, 259

3. F08-098-028

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

Project Management Review: Sheryl A Adam Date: 9-9-08

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# SL7[illegible]

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-243**

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-N-506/6	Ice Chest No.: GPR-03-026 Temp.: 100 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 7932 9100
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
B1X1C8 (F)		W	9/4/08	1150	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X1C9		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1X1C9		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	[signature]	9/4/08 1430	FEd Ex			
Relinquished By			Date/Time	Received By			Date/Time
				B-N			9/5/08 1015
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL7

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-259**

Page 1 of 1

Collector: F. M. Hall	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-506-19/9	Ice Chest No. GPP-03-026 Temp. 100 Blue
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7932 9100
Protocol: RCRA	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ✓ No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1X1D8 (F)		W	9/4/08	1259	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X1D9		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1X1D9		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
F. M. Hall	1400 9/4/08	FED EX	
		B-2	9/5/08 1015

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL7[illegible]

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-157**

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-506-14	Ice Chest No. 3ML-313 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 7933 3341
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
B1X172 (F)		W	9-4-08	0928	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2
B1X173		W	↓	↓	1x20-mL P	Activity Scan	6 Months	None
B1X173		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			SEP 04 2008 1400	FedEX			9/04/08
Relinquished By			Date/Time	Received By			Date/Time
				B-R			9/5/08 1015
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

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Summary Results

Single piece shipments

Tracking number	Status	Date/Time	Destination	Service	Signatu Image
796079329100	Delivered	Sep 5, 2008 10:15 AM	Earth City, MO	FedEx Express	Yes
796079333341	Delivered	Sep 5, 2008 10:15 AM	Earth City, MO	FedEx Express	Yes

Account number
(Required for detailed Signature Proof of D
Click here if you have more than one account number for thes

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8L05034 344 345

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Condition Upon Receipt Form

Client: Hanford
Quote No: 80697, 80642 79906
COC/RFA No: See below
Initiated By: AD
Date: 9/5/08
Time: 1011

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1.	7960 7933 3341	6.		1.	3
2.	1 7932 9140	7.		2.	4
3.	7998 9965 8232	8.		3.	2
4.		9.		4.	
5.		10.		5.	

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	(Y) N	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
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. F08-059-11, 15, 33, W08-009-157

2. F08-059-60, 59, 72, 71, 65, W08-009-243, 259

3. F08-098-028

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: Sherry A Adam Date: 9-9-08

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# SL74

FLUOR HANFORD

Col 14

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-009-419

Page 1 of 1

Collector: R. D. Julian	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-506-19/10&11	Ice Chest No.: SML-600 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 8057 6164
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
B1WYP7		W	9/5/08	1236	1x20-mL P	Activity Scan	6 Months	None
B1WYP7		W	9/5/08	1236	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. D. Julian			SEP 0 5 2008	FED EX			
Relinquished By			Date/Time	Received By			Date/Time 9/4/08 0830
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

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TestAmerica St. Louis

SDG# SL74

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-413**

Page 1 of 1

Collector: R. D. Julian	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-506-19/10	Ice Chest No. SML-600 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7960 8051 6164
Protocol: RCRA	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WYP4		W	9/5/08	1114	1x20-mL P	Activity Scan	6 Months	None
B1WYP4		W	9/5/08	1114	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	R. D. Julian		SEP 05 2008 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B-R			9/6/08 0830
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL74

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-425**

Page 1 of 1

Collector: R. D. Julian	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-506-19/10	Ice Chest No.: SMC-600 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7960 8051 6164
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
B1WYR0		W	9/5/08	1021	1x20-mL P	Activity Scan	6 Months	None
B1WYR0		W	↓	1021	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	R. D. Julian		SEP 05 2008 1400	Fed Ex			
Relinquished By			Date/Time	Received By			Date/Time
				B_N			9/6/08 0830
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

TestAmerica St. Louis

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SDG# S1T14

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-389**

Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	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	HNF-N-506-18	Ice Chest No. SML-600 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 8057 6164
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
B1WYN2		W	9/5/08	1136	1x20-mL P	Activity Scan	6 Months	None
B1WYN2		W	"	"	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD	R.F. CARRIGAN	R F Carrigan	SEP 05 2008 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B. [illegible]			9/6/08 0830
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# STL74

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-009-395**

Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	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-506-18	Ice Chest No. SML-600 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7960 3051 6164
Protocol RCRA	Priority: 30 Days **PRIORITY**	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time
Site-Wide Generator Knowledge Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1WYN5		W	9/05/08	1302	1x20-mL P	Activity Scan	6 Months	None
B1WYN5		W	"	"	3x1000-mL aG	8270_SVOA_GCMS: 1,4 Dioxane (1)	7/40 Days	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN		RF Carrigan	1400 SEP 05 2008	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
				B-NP			9/4/08 0830
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	796080516164	**Reference**	SML-600
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 5, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Sep 6, 2008 8:26 AM	**Service type**	Priority Overnight
		Weight	76.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Sep 6, 2008	8:26 AM	**Delivered**	Earth City, MO
	7:41 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:26 AM	At local FedEx facility	EARTH CITY, MO
	5:54 AM	At dest sort facility	BERKELEY, MO
	4:30 AM	Departed FedEx location	MEMPHIS, TN
	12:38 AM	Arrived at FedEx location	MEMPHIS, TN
Sep 5, 2008	5:21 PM	Left FedEx origin facility	PASCO, WA
	3:50 PM	Picked up	PASCO, WA
	3:31 PM	Package data transmitted to FedEx	

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

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

E-mail address	Language	Exception updates
	English	
	English	
	English	
	English	

Select format: HTML Text Wireless

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): F8I060178

Condition Upon Receipt Form

Client: Hanford
Quote No: 806092
COC/RFA No: See below
Initiated By: GD
Date: 9/6/08
Time: 0830

Shipping Information

Shipper Name: FG
Shipping # (s):*
1. 7960 8051 6164
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: COC's

W06-009- 419, 413, 425, 389, 395

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

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

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1WXR9

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-002 **Work Order #...:** KWDVM1AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	34	(15 - 78)
Phenol-d5	22	(15 - 63)
Nitrobenzene-d5	53	(20 - 103)
2-Fluorobiphenyl	54	(20 - 103)
2,4,6-Tribromophenol	57	(20 - 110)
Terphenyl-d14	52	(15 - 114)

Fluor Hanford Inc

B1WXR9

GC/MS Semivolatiles

Lot-Sample #: F8I050340-002 **Work Order #:** KWDVM1AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		65	M	4.243	ug/L
Unknown		5.4	M	4.8841	ug/L
Unknown		4.1	M	9.9431	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WXT5

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-004 **Work Order #...:** KWDVW1AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	28	(15 - 78)
Phenol-d5	18	(15 - 63)
Nitrobenzene-d5	47	(20 - 103)
2-Fluorobiphenyl	45	(20 - 103)
2,4,6-Tribromophenol	57	(20 - 110)
Terphenyl-d14	59	(15 - 114)

Fluor Hanford Inc

B1WXT5

GC/MS Semivolatiles

Lot-Sample #: F8I050340-004 **Work Order #:** KWDVW1AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		57	M	4.2327	ug/L
Unknown		4.1	M	4.8737	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WXW3

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-006 **Work Order #...:** KWDV21A0 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/11/08 **Analysis Date..:** 09/15/08
Prep Batch #...: 8256062
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(15 - 78)
Phenol-d5	24	(15 - 63)
Nitrobenzene-d5	50	(20 - 103)
2-Fluorobiphenyl	47	(20 - 103)
2,4,6-Tribromophenol	56	(20 - 110)
Terphenyl-d14	61	(15 - 114)

Fluor Hanford Inc

B1WXW3

GC/MS Semivolatiles

Lot-Sample #: F8I050340-006 **Work Order #:** KWDV21A0 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

Fluor Hanford Inc

Client Sample ID: B1WXW3

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-006 **Work Order #...:** KWDV21A1 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	26	(15 - 78)
Phenol-d5	18	(15 - 63)
Nitrobenzene-d5	45	(20 - 103)
2-Fluorobiphenyl	38	(20 - 103)
2,4,6-Tribromophenol	58	(20 - 110)
Terphenyl-d14	55	(15 - 114)

Fluor Hanford Inc

B1WXW3

GC/MS Semivolatiles

Lot-Sample #: F8I050340-006 **Work Order #:** KWDV21A1 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		77	M	3.9668	ug/L
Unknown organic acid		4.3	M	6.9531	ug/L
N-hexadecanoic acid	57-10-3	4.2	M	9.0739	ug/L
Unknown		11	M	10.687	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WXY8

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-007 **Work Order #...:** KWEA51AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	33	(15 - 78)
Phenol-d5	22	(15 - 63)
Nitrobenzene-d5	54	(20 - 103)
2-Fluorobiphenyl	51	(20 - 103)
2,4,6-Tribromophenol	59	(20 - 110)
Terphenyl-d14	60	(15 - 114)

Fluor Hanford Inc

B1WXY8

GC/MS Semivolatiles

Lot-Sample #: F8I050340-007 **Work Order #:** KWEA51AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		51	M	4.2246	ug/L
Unknown		4.1	M	4.8657	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WXY7

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-008 **Work Order #...:** KWEA61AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	25	(15 - 78)
Phenol-d5	17	(15 - 63)
Nitrobenzene-d5	41	(20 - 103)
2-Fluorobiphenyl	42	(20 - 103)
2,4,6-Tribromophenol	63	(20 - 110)
Terphenyl-d14	65	(15 - 114)

Fluor Hanford Inc

B1WXY7

GC/MS Semivolatiles

Lot-Sample #: F8I050340-008 **Work Order #:** KWEA61AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		44	M	4.2328	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WY09

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-010 **Work Order #...:** KWEA81AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	37	(15 - 78)
Phenol-d5	24	(15 - 63)
Nitrobenzene-d5	61	(20 - 103)
2-Fluorobiphenyl	58	(20 - 103)
2,4,6-Tribromophenol	61	(20 - 110)
Terphenyl-d14	62	(15 - 114)

Fluor Hanford Inc

B1WY09

GC/MS Semivolatiles

Lot-Sample #: F8I050340-010 **Work Order #:** KWEA81AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Furan, 2,5-dimethyl-	625-86-5	4.3	M	2.9079	ug/L
Unknown aldol condensate		72	M	4.2327	ug/L
Benzene, (1-methylethyl)-	98-82-8	5.9	M	4.8738	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WY07

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-012 **Work Order #...:** KWECA1AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	33	(15 - 78)
Phenol-d5	22	(15 - 63)
Nitrobenzene-d5	52	(20 - 103)
2-Fluorobiphenyl	51	(20 - 103)
2,4,6-Tribromophenol	62	(20 - 110)
Terphenyl-d14	61	(15 - 114)

Fluor Hanford Inc

B1WY07

GC/MS Semivolatiles

Lot-Sample #: F8I050340-012 **Work Order #:** KWECA1AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		46	M	4.224	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WY03

GC/MS Semivolatiles

Lot-Sample #...: F8I050340-014 **Work Order #...:** KWECD1AX **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	33	(15 - 78)
Phenol-d5	22	(15 - 63)
Nitrobenzene-d5	54	(20 - 103)
2-Fluorobiphenyl	53	(20 - 103)
2,4,6-Tribromophenol	62	(20 - 110)
Terphenyl-d14	62	(15 - 114)

Fluor Hanford Inc

B1WY03

GC/MS Semivolatiles

Lot-Sample #: F8I050340-014 **Work Order #:** KWECD1AX **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		66	M	4.236	ug/L
Unknown		5.5	M	4.877	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WYP7

GC/MS Semivolatiles

Lot-Sample #...: F8I060178-001 **Work Order #...:** KWE1L1AC **Matrix.....:** WATER
Date Sampled...: 09/05/08 **Date Received..:** 09/06/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	31	(15 - 78)
Phenol-d5	20	(15 - 63)
Nitrobenzene-d5	50	(20 - 103)
2-Fluorobiphenyl	49	(20 - 103)
2,4,6-Tribromophenol	59	(20 - 110)
Terphenyl-d14	61	(15 - 114)

Fluor Hanford Inc

B1WYP7

GC/MS Semivolatiles

Lot-Sample #: F8I060178-001 **Work Order #:** KWE1L1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		55	M	4.2382	ug/L
Unknown		4.7	M	4.8793	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WYP4

GC/MS Semivolatiles

Lot-Sample #...: F8I060178-002 **Work Order #...:** KWE1R1AC **Matrix.....:** WATER
Date Sampled...: 09/05/08 **Date Received..:** 09/06/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	31	(15 - 78)
Phenol-d5	20	(15 - 63)
Nitrobenzene-d5	50	(20 - 103)
2-Fluorobiphenyl	43	(20 - 103)
2,4,6-Tribromophenol	59	(20 - 110)
Terphenyl-d14	60	(15 - 114)

Fluor Hanford Inc

B1WYP4

GC/MS Semivolatiles

Lot-Sample #: F8I060178-002 **Work Order #:** KWE1R1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		26	M	3.9584	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WYR0

GC/MS Semivolatiles

Lot-Sample #...: F8I060178-003 **Work Order #...:** KWE1T1AC **Matrix.....:** WATER
Date Sampled...: 09/05/08 **Date Received..:** 09/06/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	29	(15 - 78)
Phenol-d5	18	(15 - 63)
Nitrobenzene-d5	45	(20 - 103)
2-Fluorobiphenyl	38	(20 - 103)
2,4,6-Tribromophenol	54	(20 - 110)
Terphenyl-d14	58	(15 - 114)

Fluor Hanford Inc

B1WYR0

GC/MS Semivolatiles

Lot-Sample #: F8I060178-003 **Work Order #:** KWE1T1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		20	M	3.9636	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WYN2

GC/MS Semivolatiles

Lot-Sample #...: F8I060178-004 **Work Order #...:** KWE1X1AC **Matrix.....:** WATER
Date Sampled...: 09/05/08 **Date Received..:** 09/06/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	31	(15 - 78)
Phenol-d5	19	(15 - 63)
Nitrobenzene-d5	47	(20 - 103)
2-Fluorobiphenyl	40	(20 - 103)
2,4,6-Tribromophenol	61	(20 - 110)
Terphenyl-d14	61	(15 - 114)

Fluor Hanford Inc

B1WYN2

GC/MS Semivolatiles

Lot-Sample #: F8I060178-004 **Work Order #:** KWE1X1AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		30	M	3.9648	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1WYN5

GC/MS Semivolatiles

Lot-Sample #...: F8I060178-005 **Work Order #...:** KWE101AC **Matrix.....:** WATER
Date Sampled...: 09/05/08 **Date Received..:** 09/06/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	32	(15 - 78)
Phenol-d5	21	(15 - 63)
Nitrobenzene-d5	49	(20 - 103)
2-Fluorobiphenyl	41	(20 - 103)
2,4,6-Tribromophenol	58	(20 - 110)
Terphenyl-d14	59	(15 - 114)

Fluor Hanford Inc

B1WYN5

GC/MS Semivolatiles

Lot-Sample #: F8I060178-005 **Work Order #:** KWE101AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		22	M	3.9528	ug/L

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWFHF1AA **Matrix.....:** WATER
MB Lot-Sample #: F8I080000-068

Prep Date.....: 09/08/08
Analysis Date..: 09/12/08 **Prep Batch #...:** 8252068
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	32	(15 - 78)
Phenol-d5	20	(15 - 63)
Nitrobenzene-d5	47	(20 - 103)
2-Fluorobiphenyl	43	(20 - 103)
2,4,6-Tribromophenol	63	(20 - 110)
Terphenyl-d14	65	(15 - 114)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F8I080000-068 B **Work Order #:** KWFHF1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown aldol condensate		59	M	3.9666	ug/L

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWQE11AA **Matrix.....:** WATER
MB Lot-Sample #: F8I120000-062

Prep Date.....: 09/11/08
Analysis Date..: 09/15/08 **Prep Batch #...:** 8256062
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(15 - 78)
Phenol-d5	24	(15 - 63)
Nitrobenzene-d5	47	(20 - 103)
2-Fluorobiphenyl	41	(20 - 103)
2,4,6-Tribromophenol	64	(20 - 110)
Terphenyl-d14	62	(15 - 114)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWFHF1AC Matrix.....: WATER
LCS Lot-Sample#: F8I080000-068
Prep Date.....: 09/08/08 Analysis Date..: 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroethyl)-ether	100	63.7	ug/L	64	SW846 8270C
2-Chlorophenol	100	62.6	ug/L	63	SW846 8270C
2,2'-oxybis (1-Chloropropane)	100	61.4	ug/L	61	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	72.0	ug/L	72	SW846 8270C
Hexachloroethane	100	44.7	ug/L	45	SW846 8270C
Nitrobenzene	100	61.9	ug/L	62	SW846 8270C
Isophorone	100	74.4	ug/L	74	SW846 8270C
2,4-Dimethylphenol	100	60.0	ug/L	60	SW846 8270C
bis(2-Chloroethoxy) methane	100	64.6	ug/L	65	SW846 8270C
1,2,4-Trichloro-benzene	100	47.7	ug/L	48	SW846 8270C
4-Chloroaniline	100	37.5	ug/L	38	SW846 8270C
Hexachlorobutadiene	100	46.0	ug/L	46	SW846 8270C
4-Chloro-3-methylphenol	100	69.3	ug/L	69	SW846 8270C
2-Methylnaphthalene	100	51.0	ug/L	51	SW846 8270C
Hexachlorocyclopenta-diene	100	39.1	ug/L	39	SW846 8270C
2,4,6-Trichloro-phenol	100	68.1	ug/L	68	SW846 8270C
2,4,5-Trichloro-phenol	100	69.6	ug/L	70	SW846 8270C
2-Nitroaniline	100	71.6	ug/L	72	SW846 8270C
Dimethyl phthalate	100	72.8	ug/L	73	SW846 8270C
Acenaphthylene	100	61.8	ug/L	62	SW846 8270C
2,6-Dinitrotoluene	100	72.8	ug/L	73	SW846 8270C
3-Nitroaniline	100	60.8	ug/L	61	SW846 8270C
Acenaphthene	100	59.8	ug/L	60	SW846 8270C
2,4-Dinitrophenol	100	55.4	ug/L	55	SW846 8270C
4-Nitrophenol	100	35.4	ug/L	35	SW846 8270C
Dibenzofuran	100	64.1	ug/L	64	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWFHF1AC Matrix.....: WATER
LCS Lot-Sample#: F8I080000-068

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-Dinitrotoluene	100	72.5	ug/L	73	SW846 8270C
Diethyl phthalate	100	74.4	ug/L	74	SW846 8270C
4-Chlorophenyl phenyl ether	100	66.8	ug/L	67	SW846 8270C
Fluorene	100	67.5	ug/L	68	SW846 8270C
4-Nitroaniline	100	72.5	ug/L	72	SW846 8270C
4,6-Dinitro-2-methylphenol	100	70.2	ug/L	70	SW846 8270C
N-Nitrosodiphenylamine	100	73.0	ug/L	73	SW846 8270C
4-Bromophenyl phenyl ether	100	67.5	ug/L	67	SW846 8270C
Hexachlorobenzene	100	70.3	ug/L	70	SW846 8270C
Phenanthrene	100	70.8	ug/L	71	SW846 8270C
Anthracene	100	71.7	ug/L	72	SW846 8270C
Carbazole	100	73.8	ug/L	74	SW846 8270C
Di-n-butyl phthalate	100	75.7	ug/L	76	SW846 8270C
Fluoranthene	100	73.3	ug/L	73	SW846 8270C
Pyrene	100	64.8	ug/L	65	SW846 8270C
Butyl benzyl phthalate	100	63.8	ug/L	64	SW846 8270C
3,3'-Dichlorobenzidine	100	46.2	ug/L	46	SW846 8270C
Benzo(a)anthracene	100	62.1	ug/L	62	SW846 8270C
Chrysene	100	74.4	ug/L	74	SW846 8270C
Di-n-octyl phthalate	100	75.1	ug/L	75	SW846 8270C
Benzo(b)fluoranthene	100	70.7	ug/L	71	SW846 8270C
Benzo(k)fluoranthene	100	72.5	ug/L	72	SW846 8270C
Benzo(a)pyrene	100	68.1	ug/L	68	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	75.3	ug/L	75	SW846 8270C
Dibenz(a,h)anthracene	100	71.2	ug/L	71	SW846 8270C
Benzo(ghi)perylene	100	71.6	ug/L	72	SW846 8270C
1,2-Dichlorobenzene	100	46.7	ug/L	47	SW846 8270C
1,3-Dichlorobenzene	100	45.1	ug/L	45	SW846 8270C
2-Chloronaphthalene	100	54.8	ug/L	55	SW846 8270C
Phenol	100	26.8	ug/L	27	SW846 8270C
2-Methylphenol	100	59.2	ug/L	59	SW846 8270C
2-Nitrophenol	100	65.6	ug/L	66	SW846 8270C
2,4-Dichlorophenol	100	66.0	ug/L	66	SW846 8270C
Naphthalene	100	51.6	ug/L	52	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWFHF1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8I080000-068

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pentachlorophenol	**100**	**63.4**	**ug/L**	**63**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**100**	**66.4**	**ug/L**	**66**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**60.1**	**ug/L**	**60**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**45.0**	**ug/L**	**45**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	43	(15 - 58)
Phenol-d5	29	(10 - 39)
Nitrobenzene-d5	62	(22 - 94)
2-Fluorobiphenyl	54	(20 - 97)
2,4,6-Tribromophenol	73	(23 - 102)
Terphenyl-d14	65	(30 - 114)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWQE11AC Matrix.....: WATER
LCS Lot-Sample#: F8I120000-062
Prep Date.....: 09/11/08 Analysis Date..: 09/15/08
Prep Batch #...: 8256062
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	100	26.8	ug/L	27	SW846 8270C
bis(2-Chloroethyl)-ether	100	55.6	ug/L	56	SW846 8270C
2-Chlorophenol	100	56.1	ug/L	56	SW846 8270C
2-Methylphenol	100	55.3	ug/L	55	SW846 8270C
2,2'-oxybis (1-Chloropropane)	100	54.3	ug/L	54	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	63.5	ug/L	63	SW846 8270C
Hexachloroethane	100	39.4	ug/L	39	SW846 8270C
Nitrobenzene	100	54.3	ug/L	54	SW846 8270C
Isophorone	100	66.8	ug/L	67	SW846 8270C
2-Nitrophenol	100	57.6	ug/L	58	SW846 8270C
2,4-Dimethylphenol	100	52.0	ug/L	52	SW846 8270C
bis(2-Chloroethoxy) methane	100	55.7	ug/L	56	SW846 8270C
2,4-Dichlorophenol	100	56.8	ug/L	57	SW846 8270C
1,2,4-Trichloro-benzene	100	41.5	ug/L	41	SW846 8270C
Naphthalene	100	45.7	ug/L	46	SW846 8270C
4-Chloroaniline	100	53.4	ug/L	53	SW846 8270C
Hexachlorobutadiene	100	38.9	ug/L	39	SW846 8270C
4-Chloro-3-methylphenol	100	63.9	ug/L	64	SW846 8270C
2-Methylnaphthalene	100	45.5	ug/L	46	SW846 8270C
Hexachlorocyclopenta-diene	100	32.0	ug/L	32	SW846 8270C
2,4,6-Trichloro-phenol	100	63.0	ug/L	63	SW846 8270C
2,4,5-Trichloro-phenol	100	63.4	ug/L	63	SW846 8270C
2-Nitroaniline	100	68.0	ug/L	68	SW846 8270C
Dimethyl phthalate	100	68.1	ug/L	68	SW846 8270C
Acenaphthylene	100	58.4	ug/L	58	SW846 8270C
2,6-Dinitrotoluene	100	69.8	ug/L	70	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWQE11AC Matrix.....: WATER
LCS Lot-Sample#: F8I120000-062

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Nitroaniline	100	78.9	ug/L	79	SW846 8270C
Acenaphthene	100	56.5	ug/L	56	SW846 8270C
2,4-Dinitrophenol	100	61.8	ug/L	62	SW846 8270C
4-Nitrophenol	100	36.6	ug/L	37	SW846 8270C
Dibenzofuran	100	60.5	ug/L	61	SW846 8270C
2,4-Dinitrotoluene	100	68.8	ug/L	69	SW846 8270C
Diethyl phthalate	100	70.7	ug/L	71	SW846 8270C
4-Chlorophenyl phenyl ether	100	63.8	ug/L	64	SW846 8270C
Fluorene	100	63.8	ug/L	64	SW846 8270C
4-Nitroaniline	100	75.6	ug/L	76	SW846 8270C
4,6-Dinitro-2-methylphenol	100	69.6	ug/L	70	SW846 8270C
N-Nitrosodiphenylamine	100	67.3	ug/L	67	SW846 8270C
4-Bromophenyl phenyl ether	100	62.2	ug/L	62	SW846 8270C
Hexachlorobenzene	100	65.7	ug/L	66	SW846 8270C
Pentachlorophenol	100	60.7	ug/L	61	SW846 8270C
Phenanthrene	100	67.3	ug/L	67	SW846 8270C
Anthracene	100	66.6	ug/L	67	SW846 8270C
Carbazole	100	70.0	ug/L	70	SW846 8270C
Di-n-butyl phthalate	100	71.0	ug/L	71	SW846 8270C
Fluoranthene	100	70.0	ug/L	70	SW846 8270C
Pyrene	100	58.4	ug/L	58	SW846 8270C
Butyl benzyl phthalate	100	58.8	ug/L	59	SW846 8270C
3,3'-Dichlorobenzidine	100	50.7	ug/L	51	SW846 8270C
Benzo(a)anthracene	100	58.0	ug/L	58	SW846 8270C
Chrysene	100	69.8	ug/L	70	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	62.7	ug/L	63	SW846 8270C
Di-n-octyl phthalate	100	68.7	ug/L	69	SW846 8270C
Benzo(b)fluoranthene	100	63.1	ug/L	63	SW846 8270C
Benzo(k)fluoranthene	100	71.0	ug/L	71	SW846 8270C
Benzo(a)pyrene	100	63.5	ug/L	63	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	67.5	ug/L	68	SW846 8270C
Dibenz(a,h)anthracene	100	66.1	ug/L	66	SW846 8270C
Benzo(ghi)perylene	100	65.5	ug/L	66	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWQE11AC **Matrix.....:** WATER
LCS Lot-Sample#: F8I120000-062

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	**100**	**57.2**	**ug/L**	**57**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**42.2**	**ug/L**	**42**	**SW846 8270C**
1,3-Dichlorobenzene	**100**	**40.3**	**ug/L**	**40**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**41.5**	**ug/L**	**42**	**SW846 8270C**
2-Chloronaphthalene	**100**	**49.8**	**ug/L**	**50**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	40	(15 - 58)
Phenol-d5	29	(10 - 39)
Nitrobenzene-d5	54	(22 - 94)
2-Fluorobiphenyl	51	(20 - 97)
2,4,6-Tribromophenol	67	(23 - 102)
Terphenyl-d14	60	(30 - 114)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDVM1A0-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-002 KWDVM1A1-MSD
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroethyl)-ether	ND	94.6	47.5	ug/L	50		SW846 8270C
	ND	94.6	48.4	ug/L	51	2.0	SW846 8270C
2-Chlorophenol	ND	94.6	53.8	ug/L	57		SW846 8270C
	ND	94.6	55.6	ug/L	59	3.2	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	94.6	53.7	ug/L	57		SW846 8270C
	ND	94.6	53.0	ug/L	56	1.2	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	94.6	60.2	ug/L	64		SW846 8270C
	ND	94.6	60.1	ug/L	64	0.13	SW846 8270C
Hexachloroethane	ND	94.6	36.2	ug/L	38		SW846 8270C
	ND	94.6	36.7	ug/L	39	1.4	SW846 8270C
Nitrobenzene	ND	94.6	55.8	ug/L	59		SW846 8270C
	ND	94.6	56.7	ug/L	60	1.6	SW846 8270C
Isophorone	ND	94.6	63.5	ug/L	67		SW846 8270C
	ND	94.6	65.0	ug/L	69	2.3	SW846 8270C
2,4-Dimethylphenol	ND	94.6	52.1	ug/L	55		SW846 8270C
	ND	94.6	54.6	ug/L	58	4.7	SW846 8270C
bis(2-Chloroethoxy) methane	ND	94.6	56.2	ug/L	59		SW846 8270C
	ND	94.6	57.7	ug/L	61	2.7	SW846 8270C
1,2,4-Trichloro-benzene	ND	94.6	42.7	ug/L	45		SW846 8270C
	ND	94.6	44.0	ug/L	46	3.0	SW846 8270C
4-Chloroaniline	ND	94.6	37.1	ug/L	39		SW846 8270C
	ND	94.6	36.6	ug/L	39	1.5	SW846 8270C
Hexachlorobutadiene	ND	94.6	40.2	ug/L	42		SW846 8270C
	ND	94.6	41.7	ug/L	44	3.7	SW846 8270C
4-Chloro-3-methylphenol	ND	94.6	60.4	ug/L	64		SW846 8270C
	ND	94.6	60.8	ug/L	64	0.57	SW846 8270C
2-Methylnaphthalene	ND	94.6	46.8	ug/L	49		SW846 8270C
	ND	94.6	47.0	ug/L	50	0.34	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWDVM1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I050340-002 KWDVM1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Hexachlorocyclopenta-diene	ND	94.6	29.6	ug/L	31		SW846 8270C
	ND	94.6	32.3	ug/L	34	8.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	94.6	61.8	ug/L	65		SW846 8270C
	ND	94.6	63.2	ug/L	67	2.3	SW846 8270C
2,4,5-Trichloro-phenol	ND	94.6	63.3	ug/L	67		SW846 8270C
	ND	94.6	63.3	ug/L	67	0.04	SW846 8270C
2-Nitroaniline	ND	94.6	64.4	ug/L	68		SW846 8270C
	ND	94.6	62.0	ug/L	65	3.8	SW846 8270C
Dimethyl phthalate	ND	94.6	63.1	ug/L	67		SW846 8270C
	ND	94.6	62.9	ug/L	66	0.38	SW846 8270C
Acenaphthylene	ND	94.6	56.4	ug/L	60		SW846 8270C
	ND	94.6	55.1	ug/L	58	2.4	SW846 8270C
2,6-Dinitrotoluene	ND	94.6	66.3	ug/L	70		SW846 8270C
	ND	94.6	65.6	ug/L	69	1.2	SW846 8270C
3-Nitroaniline	ND	94.6	58.0	ug/L	61		SW846 8270C
	ND	94.6	57.6	ug/L	61	0.74	SW846 8270C
Acenaphthene	ND	94.6	54.8	ug/L	58		SW846 8270C
	ND	94.6	53.8	ug/L	57	1.8	SW846 8270C
2,4-Dinitrophenol	ND	94.6	21.9	ug/L	23		SW846 8270C
	ND	94.6	26.4	ug/L	28	19	SW846 8270C
4-Nitrophenol	ND	94.6	30.9	ug/L	33		SW846 8270C
	ND	94.6	31.4	ug/L	33	1.6	SW846 8270C
Dibenzofuran	ND	94.6	57.7	ug/L	61		SW846 8270C
	ND	94.6	56.5	ug/L	60	2.0	SW846 8270C
2,4-Dinitrotoluene	ND	94.6	64.7	ug/L	68		SW846 8270C
	ND	94.6	63.9	ug/L	68	1.2	SW846 8270C
Diethyl phthalate	ND	94.6	64.7	ug/L	68		SW846 8270C
	ND	94.6	64.0	ug/L	68	1.1	SW846 8270C
4-Chlorophenyl phenyl ether	ND	94.6	60.2	ug/L	64		SW846 8270C
	ND	94.6	60.6	ug/L	64	0.61	SW846 8270C
Fluorene	ND	94.6	59.7	ug/L	63		SW846 8270C
	ND	94.6	58.8	ug/L	62	1.6	SW846 8270C
4-Nitroaniline	ND	94.6	63.7	ug/L	67		SW846 8270C
	ND	94.6	63.7	ug/L	67	0.04	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWDVM1A0-MS Matrix.....: WATER
MS Lot-Sample #: F8I050340-002 KWDVM1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,6-Dinitro-2-methylphenol	ND	94.6	34.3	ug/L	36		SW846 8270C
	ND	94.6	37.2	ug/L	39	8.2	SW846 8270C
N-Nitrosodiphenylamine	ND	94.6	65.8	ug/L	70		SW846 8270C
	ND	94.6	65.5	ug/L	69	0.42	SW846 8270C
4-Bromophenyl phenyl ether	ND	94.6	61.3	ug/L	65		SW846 8270C
	ND	94.6	62.8	ug/L	66	2.4	SW846 8270C
Hexachlorobenzene	ND	94.6	63.6	ug/L	67		SW846 8270C
	ND	94.6	64.7	ug/L	68	1.6	SW846 8270C
Phenanthrene	ND	94.6	61.4	ug/L	65		SW846 8270C
	ND	94.6	61.8	ug/L	65	0.71	SW846 8270C
Anthracene	ND	94.6	63.9	ug/L	67		SW846 8270C
	ND	94.6	62.4	ug/L	66	2.3	SW846 8270C
Carbazole	ND	94.6	65.4	ug/L	69		SW846 8270C
	ND	94.6	64.7	ug/L	68	1.1	SW846 8270C
Di-n-butyl phthalate	ND	94.6	65.1	ug/L	69		SW846 8270C
	ND	94.6	63.7	ug/L	67	2.2	SW846 8270C
Fluoranthene	ND	94.6	65.8	ug/L	70		SW846 8270C
	ND	94.6	66.3	ug/L	70	0.72	SW846 8270C
Pyrene	ND	94.6	53.0	ug/L	56		SW846 8270C
	ND	94.6	52.8	ug/L	56	0.37	SW846 8270C
Butyl benzyl phthalate	ND	94.6	58.2	ug/L	62		SW846 8270C
	ND	94.6	57.2	ug/L	60	1.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	94.6	45.4	ug/L	48		SW846 8270C
	ND	94.6	46.1	ug/L	49	1.4	SW846 8270C
Benzo(a)anthracene	ND	94.6	55.7	ug/L	59		SW846 8270C
	ND	94.6	56.8	ug/L	60	2.0	SW846 8270C
Chrysene	ND	94.6	65.4	ug/L	69		SW846 8270C
	ND	94.6	65.9	ug/L	70	0.65	SW846 8270C
Di-n-octyl phthalate	ND	94.6	70.0	ug/L	74		SW846 8270C
	ND	94.6	67.0	ug/L	71	4.3	SW846 8270C
Benzo(b)fluoranthene	ND	94.6	72.0	ug/L	76		SW846 8270C
	ND	94.6	72.4	ug/L	76	0.52	SW846 8270C
Benzo(k)fluoranthene	ND	94.6	66.2	ug/L	70		SW846 8270C
	ND	94.6	67.0	ug/L	71	1.1	SW846 8270C
Benzo(a)pyrene	ND	94.6	63.1	ug/L	67		SW846 8270C
	ND	94.6	63.5	ug/L	67	0.61	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	94.6	44.1	ug/L	47		SW846 8270C
	ND	94.6	45.8	ug/L	48	3.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDVM1A0-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-002 KWDVM1A1-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenz(a,h)anthracene	ND	94.6	44.5	ug/L	47		SW846 8270C
	ND	94.6	45.6	ug/L	48	2.4	SW846 8270C
Benzo(ghi)perylene	ND	94.6	41.5	ug/L	44		SW846 8270C
	ND	94.6	42.5	ug/L	45	2.3	SW846 8270C
1,2-Dichlorobenzene	ND	94.6	42.6	ug/L	45		SW846 8270C
	ND	94.6	41.9	ug/L	44	1.6	SW846 8270C
1,3-Dichlorobenzene	ND	94.6	38.4	ug/L	41		SW846 8270C
	ND	94.6	39.3	ug/L	42	2.4	SW846 8270C
2-Chloronaphthalene	ND	94.6	50.7	ug/L	54		SW846 8270C
	ND	94.6	49.7	ug/L	53	2.1	SW846 8270C
Phenol	ND	94.6	23.8	ug/L	25		SW846 8270C
	ND	94.6	24.3	ug/L	26	2.0	SW846 8270C
2-Methylphenol	ND	94.6	50.6	ug/L	53		SW846 8270C
	ND	94.6	52.0	ug/L	55	2.6	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	94.6	49.4	ug/L	52		SW846 8270C
	ND	94.6	50.5	ug/L	53	2.1	SW846 8270C
2-Nitrophenol	ND	94.6	57.6	ug/L	61		SW846 8270C
	ND	94.6	60.9	ug/L	64	5.6	SW846 8270C
2,4-Dichlorophenol	ND	94.6	57.6	ug/L	61		SW846 8270C
	ND	94.6	60.2	ug/L	64	4.5	SW846 8270C
Naphthalene	ND	94.6	46.9	ug/L	50		SW846 8270C
	ND	94.6	46.6	ug/L	49	0.44	SW846 8270C
Pentachlorophenol	ND	94.6	56.6	ug/L	60		SW846 8270C
	ND	94.6	58.3	ug/L	62	3.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	94.6	55.9	ug/L	59		SW846 8270C
	ND	94.6	54.7	ug/L	58	2.3	SW846 8270C
1,4-Dichlorobenzene	ND	94.6	40.0	ug/L	42		SW846 8270C
	ND	94.6	39.6	ug/L	42	0.93	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(15 - 78)
	41	(15 - 78)
Phenol-d5	27	(15 - 63)
	27	(15 - 63)
Nitrobenzene-d5	60	(20 - 103)
	62	(20 - 103)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDVM1A0-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-002 KWDVM1A1-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	58	(20 - 103)
	61	(20 - 103)
2,4,6-Tribromophenol	70	(20 - 110)
	74	(20 - 110)
Terphenyl-d14	65	(15 - 114)
	65	(15 - 114)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21A6-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21A7-MSD
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/08/08 **Analysis Date..:** 09/12/08
Prep Batch #...: 8252068
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroethyl)-ether	ND	95.1	56.2	ug/L	59		SW846 8270C
	ND	94.7	56.3	ug/L	59	0.23	SW846 8270C
2-Chlorophenol	ND	95.1	55.0	ug/L	58		SW846 8270C
	ND	94.7	55.0	ug/L	58	0.03	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	95.1	53.1	ug/L	56		SW846 8270C
	ND	94.7	54.0	ug/L	57	1.7	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	95.1	64.6	ug/L	68		SW846 8270C
	ND	94.7	64.8	ug/L	68	0.35	SW846 8270C
Hexachloroethane	ND	95.1	25.8	ug/L	27		SW846 8270C
	ND	94.7	25.5	ug/L	27	1.0	SW846 8270C
Nitrobenzene	ND	95.1	54.0	ug/L	57		SW846 8270C
	ND	94.7	55.3	ug/L	58	2.4	SW846 8270C
Isophorone	ND	95.1	67.0	ug/L	70		SW846 8270C
	ND	94.7	66.6	ug/L	70	0.50	SW846 8270C
2,4-Dimethylphenol	ND	95.1	54.6	ug/L	57		SW846 8270C
	ND	94.7	53.2	ug/L	56	2.5	SW846 8270C
bis(2-Chloroethoxy) methane	ND	95.1	57.0	ug/L	60		SW846 8270C
	ND	94.7	56.3	ug/L	59	1.2	SW846 8270C
1,2,4-Trichloro-benzene	ND	95.1	31.6	ug/L	33		SW846 8270C
	ND	94.7	32.9	ug/L	35	4.2	SW846 8270C
4-Chloroaniline	ND	95.1	33.1	ug/L	35		SW846 8270C
	ND	94.7	36.6	ug/L	39	9.9	SW846 8270C
Hexachlorobutadiene	ND	95.1	27.6	ug/L	29		SW846 8270C
	ND	94.7	27.6	ug/L	29	0.0	SW846 8270C
4-Chloro-3-methylphenol	ND	95.1	63.0	ug/L	66		SW846 8270C
	ND	94.7	62.0	ug/L	66	1.6	SW846 8270C
2-Methylnaphthalene	ND	95.1	41.5	ug/L	44		SW846 8270C
	ND	94.7	42.3	ug/L	45	1.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21A6-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Hexachlorocyclopentadiene	ND	95.1	22.9	ug/L	24		SW846 8270C
	ND	94.7	22.7	ug/L	24	0.83	SW846 8270C
2,4,6-Trichlorophenol	ND	95.1	64.7	ug/L	68		SW846 8270C
	ND	94.7	62.8	ug/L	66	3.1	SW846 8270C
2,4,5-Trichlorophenol	ND	95.1	65.5	ug/L	69		SW846 8270C
	ND	94.7	64.4	ug/L	68	1.6	SW846 8270C
2-Nitroaniline	ND	95.1	65.5	ug/L	69		SW846 8270C
	ND	94.7	65.2	ug/L	69	0.53	SW846 8270C
Dimethyl phthalate	ND	95.1	67.4	ug/L	71		SW846 8270C
	ND	94.7	67.2	ug/L	71	0.35	SW846 8270C
Acenaphthylene	ND	95.1	57.2	ug/L	60		SW846 8270C
	ND	94.7	56.4	ug/L	60	1.5	SW846 8270C
2,6-Dinitrotoluene	ND	95.1	68.6	ug/L	72		SW846 8270C
	ND	94.7	69.1	ug/L	73	0.65	SW846 8270C
3-Nitroaniline	ND	95.1	51.8	ug/L	54		SW846 8270C
	ND	94.7	55.8	ug/L	59	7.4	SW846 8270C
Acenaphthene	ND	95.1	57.5	ug/L	60		SW846 8270C
	ND	94.7	55.9	ug/L	59	2.7	SW846 8270C
2,4-Dinitrophenol	ND	95.1	59.5	ug/L	63		SW846 8270C
	ND	94.7	60.8	ug/L	64	2.2	SW846 8270C
4-Nitrophenol	ND	95.1	30.0	ug/L	32		SW846 8270C
	ND	94.7	29.9	ug/L	32	0.40	SW846 8270C
Dibenzofuran	ND	95.1	60.5	ug/L	64		SW846 8270C
	ND	94.7	59.9	ug/L	63	0.99	SW846 8270C
2,4-Dinitrotoluene	ND	95.1	66.9	ug/L	70		SW846 8270C
	ND	94.7	66.9	ug/L	71	0.01	SW846 8270C
Diethyl phthalate	ND	95.1	70.0	ug/L	74		SW846 8270C
	ND	94.7	69.3	ug/L	73	1.0	SW846 8270C
4-Chlorophenyl phenyl ether	ND	95.1	63.0	ug/L	66		SW846 8270C
	ND	94.7	62.2	ug/L	66	1.2	SW846 8270C
Fluorene	ND	95.1	63.8	ug/L	67		SW846 8270C
	ND	94.7	63.1	ug/L	67	1.2	SW846 8270C
4-Nitroaniline	ND	95.1	66.4	ug/L	70		SW846 8270C
	ND	94.7	66.4	ug/L	70	0.03	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21A6-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,6-Dinitro-2-methylphenol	ND	95.1	68.2	ug/L	72		SW846 8270C
	ND	94.7	68.1	ug/L	72	0.13	SW846 8270C
N-Nitrosodiphenylamine	ND	95.1	67.6	ug/L	71		SW846 8270C
	ND	94.7	67.1	ug/L	71	0.69	SW846 8270C
4-Bromophenyl phenyl ether	ND	95.1	63.2	ug/L	66		SW846 8270C
	ND	94.7	62.8	ug/L	66	0.63	SW846 8270C
Hexachlorobenzene	ND	95.1	65.6	ug/L	69		SW846 8270C
	ND	94.7	66.0	ug/L	70	0.59	SW846 8270C
Phenanthrene	ND	95.1	65.9	ug/L	69		SW846 8270C
	ND	94.7	65.8	ug/L	69	0.25	SW846 8270C
Anthracene	ND	95.1	65.4	ug/L	69		SW846 8270C
	ND	94.7	65.6	ug/L	69	0.38	SW846 8270C
Carbazole	ND	95.1	68.1	ug/L	72		SW846 8270C
	ND	94.7	68.0	ug/L	72	0.14	SW846 8270C
Di-n-butyl phthalate	ND	95.1	69.9	ug/L	73		SW846 8270C
	ND	94.7	70.1	ug/L	74	0.25	SW846 8270C
Fluoranthene	ND	95.1	67.8	ug/L	71		SW846 8270C
	ND	94.7	67.9	ug/L	72	0.08	SW846 8270C
Pyrene	ND	95.1	59.1	ug/L	62		SW846 8270C
	ND	94.7	59.9	ug/L	63	1.3	SW846 8270C
Butyl benzyl phthalate	ND	95.1	59.3	ug/L	62		SW846 8270C
	ND	94.7	60.5	ug/L	64	2.0	SW846 8270C
3,3'-Dichlorobenzidine	ND	95.1	39.3	ug/L	41		SW846 8270C
	ND	94.7	41.2	ug/L	44	4.7	SW846 8270C
Benzo(a)anthracene	ND	95.1	56.8	ug/L	60		SW846 8270C
	ND	94.7	57.6	ug/L	61	1.4	SW846 8270C
Chrysene	ND	95.1	68.9	ug/L	72		SW846 8270C
	ND	94.7	69.8	ug/L	74	1.2	SW846 8270C
Di-n-octyl phthalate	ND	95.1	68.9	ug/L	72		SW846 8270C
	ND	94.7	68.7	ug/L	73	0.32	SW846 8270C
Benzo(b)fluoranthene	ND	95.1	64.1	ug/L	67		SW846 8270C
	ND	94.7	62.8	ug/L	66	2.1	SW846 8270C
Benzo(k)fluoranthene	ND	95.1	67.5	ug/L	71		SW846 8270C
	ND	94.7	69.4	ug/L	73	2.8	SW846 8270C
Benzo(a)pyrene	ND	95.1	60.0	ug/L	63		SW846 8270C
	ND	94.7	60.1	ug/L	64	0.20	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	95.1	70.4	ug/L	74		SW846 8270C
	ND	94.7	69.1	ug/L	73	1.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21A6-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenz(a,h)anthracene	ND	95.1	66.0	ug/L	69		SW846 8270C
	ND	94.7	66.5	ug/L	70	0.70	SW846 8270C
Benzo(ghi)perylene	ND	95.1	65.6	ug/L	69		SW846 8270C
	ND	94.7	66.4	ug/L	70	1.2	SW846 8270C
1,2-Dichlorobenzene	ND	95.1	29.0	ug/L	30		SW846 8270C
	ND	94.7	30.3	ug/L	32	4.5	SW846 8270C
1,3-Dichlorobenzene	ND	95.1	27.2	ug/L	29		SW846 8270C
	ND	94.7	27.2	ug/L	29	0.11	SW846 8270C
2-Chloronaphthalene	ND	95.1	49.9	ug/L	52		SW846 8270C
	ND	94.7	49.3	ug/L	52	1.3	SW846 8270C
Phenol	ND	95.1	21.8	ug/L	23		SW846 8270C
	ND	94.7	22.4	ug/L	24	2.4	SW846 8270C
2-Methylphenol	ND	95.1	51.6	ug/L	54		SW846 8270C
	ND	94.7	51.7	ug/L	55	0.13	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	95.1	52.5	ug/L	55		SW846 8270C
	ND	94.7	51.5	ug/L	54	2.0	SW846 8270C
2-Nitrophenol	ND	95.1	59.3	ug/L	62		SW846 8270C
	ND	94.7	59.4	ug/L	63	0.18	SW846 8270C
2,4-Dichlorophenol	ND	95.1	59.1	ug/L	62		SW846 8270C
	ND	94.7	58.0	ug/L	61	1.9	SW846 8270C
Naphthalene	ND	95.1	38.5	ug/L	40		SW846 8270C
	ND	94.7	39.8	ug/L	42	3.3	SW846 8270C
Pentachlorophenol	ND	95.1	63.2	ug/L	66		SW846 8270C
	ND	94.7	63.2	ug/L	67	0.01	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	95.1	61.3	ug/L	64		SW846 8270C
	ND	94.7	62.1	ug/L	66	1.3	SW846 8270C
1,4-Dichlorobenzene	ND	95.1	27.5	ug/L	29		SW846 8270C
	ND	94.7	28.6	ug/L	30	3.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	38	(15 - 78)
	38	(15 - 78)
Phenol-d5	25	(15 - 63)
	25	(15 - 63)
Nitrobenzene-d5	59	(20 - 103)
	58	(20 - 103)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21A6-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21A7-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	58	(20 - 103)
	51	(20 - 103)
2,4,6-Tribromophenol	72	(20 - 110)
	72	(20 - 110)
Terphenyl-d14	64	(15 - 114)
	65	(15 - 114)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21CH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21CJ-MSD
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08
Prep Date.....: 09/11/08 **Analysis Date..:** 09/15/08
Prep Batch #...: 8256062
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenol	ND	95.2	23.3	ug/L	24		SW846 8270C
	ND	95.0	25.8	ug/L	27	10	SW846 8270C
bis(2-Chloroethyl)-ether	ND	95.2	51.5	ug/L	54		SW846 8270C
	ND	95.0	59.3	ug/L	62	14	SW846 8270C
2-Chlorophenol	ND	95.2	52.0	ug/L	55		SW846 8270C
	ND	95.0	58.7	ug/L	62	12	SW846 8270C
2-Methylphenol	ND	95.2	51.2	ug/L	54		SW846 8270C
	ND	95.0	57.5	ug/L	60	12	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	95.2	52.3	ug/L	55		SW846 8270C
	ND	95.0	59.0	ug/L	62	12	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	95.2	51.4	ug/L	54		SW846 8270C
	ND	95.0	59.4	ug/L	63	15	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	95.2	59.2	ug/L	62		SW846 8270C
	ND	95.0	68.4	ug/L	72	14	SW846 8270C
Hexachloroethane	ND	95.2	40.9	ug/L	43		SW846 8270C
	ND	95.0	48.2	ug/L	51	16	SW846 8270C
Nitrobenzene	ND	95.2	50.5	ug/L	53		SW846 8270C
	ND	95.0	58.3	ug/L	61	14	SW846 8270C
Isophorone	ND	95.2	61.3	ug/L	64		SW846 8270C
	ND	95.0	70.3	ug/L	74	14	SW846 8270C
2-Nitrophenol	ND	95.2	54.0	ug/L	57		SW846 8270C
	ND	95.0	62.0	ug/L	65	14	SW846 8270C
2,4-Dimethylphenol	ND	95.2	49.1	ug/L	52		SW846 8270C
	ND	95.0	54.7	ug/L	58	11	SW846 8270C
bis(2-Chloroethoxy) methane	ND	95.2	52.4	ug/L	55		SW846 8270C
	ND	95.0	60.7	ug/L	64	15	SW846 8270C
2,4-Dichlorophenol	ND	95.2	53.8	ug/L	57		SW846 8270C
	ND	95.0	62.2	ug/L	65	14	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 Work Order #...: KWDV21CH-MS Matrix.....: WATER
MS Lot-Sample #: F8I050340-006 KWDV21CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	95.2	45.0	ug/L	47		SW846 8270C
	ND	95.0	52.9	ug/L	56	16	SW846 8270C
Naphthalene	ND	95.2	47.6	ug/L	50		SW846 8270C
	ND	95.0	55.8	ug/L	59	16	SW846 8270C
4-Chloroaniline	ND	95.2	46.7	ug/L	49		SW846 8270C
	ND	95.0	52.3	ug/L	55	11	SW846 8270C
Hexachlorobutadiene	ND	95.2	42.6	ug/L	45		SW846 8270C
	ND	95.0	50.1	ug/L	53	16	SW846 8270C
4-Chloro-3-methylphenol	ND	95.2	59.1	ug/L	62		SW846 8270C
	ND	95.0	65.9	ug/L	69	11	SW846 8270C
2-Methylnaphthalene	ND	95.2	49.1	ug/L	52		SW846 8270C
	ND	95.0	57.5	ug/L	60	16	SW846 8270C
Hexachlorocyclopenta-diene	ND	95.2	35.7	ug/L	38		SW846 8270C
	ND	95.0	40.0	ug/L	42	11	SW846 8270C
2,4,6-Trichloro-phenol	ND	95.2	56.6	ug/L	59		SW846 8270C
	ND	95.0	64.8	ug/L	68	14	SW846 8270C
2,4,5-Trichloro-phenol	ND	95.2	58.1	ug/L	61		SW846 8270C
	ND	95.0	66.2	ug/L	70	13	SW846 8270C
2-Nitroaniline	ND	95.2	60.3	ug/L	63		SW846 8270C
	ND	95.0	68.9	ug/L	72	13	SW846 8270C
Dimethyl phthalate	ND	95.2	60.6	ug/L	64		SW846 8270C
	ND	95.0	69.1	ug/L	73	13	SW846 8270C
Acenaphthylene	ND	95.2	57.2	ug/L	60		SW846 8270C
	ND	95.0	65.9	ug/L	69	14	SW846 8270C
2,6-Dinitrotoluene	ND	95.2	62.0	ug/L	65		SW846 8270C
	ND	95.0	70.9	ug/L	75	13	SW846 8270C
3-Nitroaniline	ND	95.2	72.1	ug/L	76		SW846 8270C
	ND	95.0	75.9	ug/L	80	5.1	SW846 8270C
Acenaphthene	ND	95.2	55.7	ug/L	59		SW846 8270C
	ND	95.0	63.9	ug/L	67	14	SW846 8270C
2,4-Dinitrophenol	ND	95.2	42.0	ug/L	44		SW846 8270C
	ND	95.0	56.2	ug/L	59 p	29	SW846 8270C
4-Nitrophenol	ND	95.2	32.0	ug/L	34		SW846 8270C
	ND	95.0	34.8	ug/L	37	8.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21CH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenzofuran	ND	95.2	57.9	ug/L	61		SW846 8270C
	ND	95.0	66.5	ug/L	70	14	SW846 8270C
2,4-Dinitrotoluene	ND	95.2	60.6	ug/L	64		SW846 8270C
	ND	95.0	69.3	ug/L	73	13	SW846 8270C
Diethyl phthalate	ND	95.2	63.1	ug/L	66		SW846 8270C
	ND	95.0	71.5	ug/L	75	12	SW846 8270C
4-Chlorophenyl phenyl ether	ND	95.2	59.0	ug/L	62		SW846 8270C
	ND	95.0	67.7	ug/L	71	14	SW846 8270C
Fluorene	ND	95.2	59.6	ug/L	63		SW846 8270C
	ND	95.0	67.9	ug/L	71	13	SW846 8270C
4-Nitroaniline	ND	95.2	68.4	ug/L	72		SW846 8270C
	ND	95.0	74.8	ug/L	79	8.9	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	95.2	53.3	ug/L	56		SW846 8270C
	ND	95.0	65.4	ug/L	69	20	SW846 8270C
N-Nitrosodiphenylamine	ND	95.2	60.0	ug/L	63		SW846 8270C
	ND	95.0	68.4	ug/L	72	13	SW846 8270C
4-Bromophenyl phenyl ether	ND	95.2	57.5	ug/L	60		SW846 8270C
	ND	95.0	64.2	ug/L	68	11	SW846 8270C
Hexachlorobenzene	ND	95.2	59.6	ug/L	63		SW846 8270C
	ND	95.0	66.2	ug/L	70	11	SW846 8270C
Pentachlorophenol	ND	95.2	53.1	ug/L	56		SW846 8270C
	ND	95.0	60.7	ug/L	64	13	SW846 8270C
Phenanthrene	ND	95.2	59.4	ug/L	62		SW846 8270C
	ND	95.0	66.8	ug/L	70	12	SW846 8270C
Anthracene	ND	95.2	60.3	ug/L	63		SW846 8270C
	ND	95.0	68.0	ug/L	72	12	SW846 8270C
Carbazole	ND	95.2	62.2	ug/L	65		SW846 8270C
	ND	95.0	70.3	ug/L	74	12	SW846 8270C
Di-n-butyl phthalate	ND	95.2	63.4	ug/L	67		SW846 8270C
	ND	95.0	71.5	ug/L	75	12	SW846 8270C
Fluoranthene	ND	95.2	63.2	ug/L	66		SW846 8270C
	ND	95.0	71.2	ug/L	75	12	SW846 8270C
Pyrene	ND	95.2	51.5	ug/L	54		SW846 8270C
	ND	95.0	59.0	ug/L	62	14	SW846 8270C
Butyl benzyl phthalate	ND	95.2	52.3	ug/L	55		SW846 8270C
	ND	95.0	59.8	ug/L	63	13	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21CH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3,3'-Dichlorobenzidine	ND	95.2	46.8	ug/L	49		SW846 8270C
	ND	95.0	51.6	ug/L	54	9.9	SW846 8270C
Benzo(a)anthracene	ND	95.2	51.4	ug/L	54		SW846 8270C
	ND	95.0	58.8	ug/L	62	14	SW846 8270C
Chrysene	ND	95.2	61.4	ug/L	64		SW846 8270C
	ND	95.0	71.4	ug/L	75	15	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	95.2	54.6	ug/L	57		SW846 8270C
	ND	95.0	62.5	ug/L	66	13	SW846 8270C
Di-n-octyl phthalate	ND	95.2	61.3	ug/L	64		SW846 8270C
	ND	95.0	68.5	ug/L	72	11	SW846 8270C
Benzo(b)fluoranthene	ND	95.2	60.4	ug/L	63		SW846 8270C
	ND	95.0	67.4	ug/L	71	11	SW846 8270C
Benzo(k)fluoranthene	ND	95.2	58.8	ug/L	62		SW846 8270C
	ND	95.0	67.3	ug/L	71	13	SW846 8270C
Benzo(a)pyrene	ND	95.2	56.9	ug/L	60		SW846 8270C
	ND	95.0	63.6	ug/L	67	11	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	95.2	57.3	ug/L	60		SW846 8270C
	ND	95.0	61.2	ug/L	64	6.5	SW846 8270C
Dibenz(a,h)anthracene	ND	95.2	59.0	ug/L	62		SW846 8270C
	ND	95.0	66.9	ug/L	70	13	SW846 8270C
Benzo(ghi)perylene	ND	95.2	58.6	ug/L	62		SW846 8270C
	ND	95.0	66.7	ug/L	70	13	SW846 8270C
1,2-Dichlorobenzene	ND	95.2	43.1	ug/L	45		SW846 8270C
	ND	95.0	50.7	ug/L	53	16	SW846 8270C
1,3-Dichlorobenzene	ND	95.2	41.1	ug/L	43		SW846 8270C
	ND	95.0	48.8	ug/L	51	17	SW846 8270C
1,4-Dichlorobenzene	ND	95.2	41.2	ug/L	43		SW846 8270C
	ND	95.0	49.4	ug/L	52	18	SW846 8270C
2-Chloronaphthalene	ND	95.2	52.3	ug/L	55		SW846 8270C
	ND	95.0	61.0	ug/L	64	15	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	38	(15 - 78)
	42	(15 - 78)
Phenol-d5	26	(15 - 63)
	29	(15 - 63)
Nitrobenzene-d5	54	(20 - 103)
	61	(20 - 103)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL754 **Work Order #...:** KWDV21CH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8I050340-006 KWDV21CJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	55	(20 - 103)
	62	(20 - 103)
2,4,6-Tribromophenol	63	(20 - 110)
	70	(20 - 110)
Terphenyl-d14	56	(15 - 114)
	64	(15 - 114)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

METALS

Fluor Hanford Inc

Client Sample ID: B1WXR8

DISSOLVED Metals

Lot-Sample #...: F8I050340-001 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**56.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**23800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**6.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**8560**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**2.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5820 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXR8

DISSOLVED Metals

Lot-Sample #...: F8I050340-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**27400**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**126**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**21.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVL1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVL1AV
		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: B1WXR9

TOTAL Metals

Lot-Sample #...: F8I050340-002 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**55.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**25300 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**19.4**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**198**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**8420**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**3.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6440 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXR9

TOTAL Metals

Lot-Sample #...: F8I050340-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**27600**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**130 B,D**	**250**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**20.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVM1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVM1AW
		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: B1WXT4

DISSOLVED Metals

Lot-Sample #...: F8I050340-003 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**44.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**33100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**4.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**43.8 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**11400**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6340 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDVT1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXT4

DISSOLVED Metals

Lot-Sample #...: F8I050340-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	31700	5000	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	134	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	28.0 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	11.8 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDVT1AV
		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: B1WXT5

TOTAL Metals

Lot-Sample #...: F8I050340-004 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**42.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**33400**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**9.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**46.7 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**10900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6830 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDVW1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXT5

TOTAL Metals

Lot-Sample #...: F8I050340-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	32400	5000	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	132	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	26.9 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	12.8 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDVW1AW
		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: B1WXW2

DISSOLVED Metals

Lot-Sample #...: F8I050340-005 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Aluminum	ND	200	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AA
		Dilution Factor: 1		MDL.....: 79.9		
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**26.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**23900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**7980**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3600 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AQ**
		Dilution Factor: 1		MDL.....: 1650		

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Fluor Hanford Inc

Client Sample ID: B1WXW2

DISSOLVED Metals

Lot-Sample #...: F8I050340-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AR
		Dilution Factor: 1		MDL.....: 6.0		
Sodium	**18800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**100**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**32.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDV01AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDV01AW
		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: B1WXW3

TOTAL Metals

Lot-Sample #...: F8I050340-006 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Aluminum	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AC
		Dilution Factor: 1		MDL.....: 79.9		
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AD
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**24.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AE**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AF
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AG
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**23600**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AH**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AJ
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AK
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AL
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AM
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**7340**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AN**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AP
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AQ
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**7960 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AR**
		Dilution Factor: 1		MDL.....: 1650		

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Fluor Hanford Inc

Client Sample ID: B1WXW3

TOTAL Metals

Lot-Sample #...: F8I050340-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AT
		Dilution Factor: 1		MDL.....: 6.0		
Sodium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AU**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**97.9**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AV**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**30.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDV21AW**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDV21AX
		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: B1WXY8

TOTAL Metals

Lot-Sample #...: F8I050340-007 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXY8

TOTAL Metals

Lot-Sample #...: F8I050340-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA51AW
		Dilution Factor: 1		MDL.....: 5.2		

Fluor Hanford Inc

Client Sample ID: B1WXY7

TOTAL Metals

Lot-Sample #...: F8I050340-008 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**17.8 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**18200**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**6030**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**2850 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WXY7

TOTAL Metals

Lot-Sample #...: F8I050340-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**18000**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**79.5**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**31.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA61AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA61AW
		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: B1WY08

DISSOLVED Metals

Lot-Sample #...: FBI050340-009 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY08

DISSOLVED Metals

Lot-Sample #...: F8I050340-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWEA71AV
		Dilution Factor: 1		MDL.....: 5.2		

Fluor Hanford Inc

Client Sample ID: B1WY09

TOTAL Metals

Lot-Sample #...: F8I050340-010 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY09

TOTAL Metals

Lot-Sample #...: F8I050340-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA81AW
		Dilution Factor: 1		MDL.....: 5.2		

Fluor Hanford Inc

Client Sample ID: B1WY06

TOTAL Metals

Lot-Sample #...: F8I050340-011 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**47.7 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**39200**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3820 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY06

TOTAL Metals

Lot-Sample #...: F8I050340-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28700**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**151**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**24.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWEA91AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWEA91AV
		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: B1WY07

TOTAL Metals

Lot-Sample #...: F8I050340-012 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**48.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**39300**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**16.8 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**12100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5060 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY07

TOTAL Metals

Lot-Sample #...: F8I050340-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**153**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AU**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**24.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECA1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWECA1AW
		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: B1WY02

DISSOLVED Metals

Lot-Sample #...: F8I050340-013 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**30.4 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**22800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**29.8 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**7790**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**1.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**3930 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY02

DISSOLVED Metals

Lot-Sample #...: F8I050340-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19200**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AR**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**89.0**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AT**
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	**31.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWECC1AU**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWECC1AV
		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: B1WY03

TOTAL Metals

Lot-Sample #...: F8I050340-014 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**29.3 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**21500**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**51.9**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	**4.6 B**	**25.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AK**
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**527**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**7020**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**11.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**25.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AP**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4410 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWECD1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1WY03

TOTAL Metals

Lot-Sample #...: F8I050340-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	18100	5000	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	83.3	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	30.0 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	9.0 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWECD1AW
		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: B1X1C8

DISSOLVED Metals

Lot-Sample #...: F8I050344-001 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**76.0 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**53700 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/23/08**	**KWDWG1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**541**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**24.4 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**1.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**5280 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWG1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1C8

DISSOLVED Metals

Lot-Sample #...: F8I050344-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	39200	5000	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	217 B,D	250	ug/L	SW846 6010B	09/18-09/23/08	KWDWG1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	19.3 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.0 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWG1AV
		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: B1X1C9

TOTAL Metals

Lot-Sample #...: F8I050344-002 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**74.8 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**56300 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**549**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**36.6 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**16800**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4210 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWK1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1C9

TOTAL Metals

Lot-Sample #...: F8I050344-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	39100	5000	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	232 B,D	250	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AU
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	18.2 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.9 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWK1AW
		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: B1X1D8

DISSOLVED Metals

Lot-Sample #...: F8I050344-003 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**42.9 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**40900**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AF**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**262**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**14500**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**0.96 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**4020 B,C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWM1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1D8

DISSOLVED Metals

Lot-Sample #...: F8I050344-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	27100	5000	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	157	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	27.1 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	10.2 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWM1AV
		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: B1X1D9

TOTAL Metals

Lot-Sample #...: F8I050344-004 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**40.6 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWN1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**39100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWN1AG**
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	**254**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWN1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**13700**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWN1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**6740 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWN1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X1D9

TOTAL Metals

Lot-Sample #...: F8I050344-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	25800	5000	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	151	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	25.1 B	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.1 B	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWN1AW
		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: B1X172

DISSOLVED Metals

Lot-Sample #...: F8I050344-005 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262112						
Antimony	**4.0 B**	**60.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AA**
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**50.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AC**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**55800 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/23/08**	**KWDWR1AF**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**5.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**49.8 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AK**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**18700**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AL**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AM**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**28.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AN**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**8180 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/22/08**	**KWDWR1AP**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AQ
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X172

DISSOLVED Metals

Lot-Sample #...: F8I050344-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	20200	5000	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	294 D	250	ug/L	SW846 6010B	09/18-09/23/08	KWDWR1AT
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	19.3 B	50.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.0 B	20.0	ug/L	SW846 6010B	09/18-09/22/08	KWDWR1AV
		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: B1X173

TOTAL Metals

Lot-Sample #...: F8I050344-006 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8262125						
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	**46.1 B**	**200**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AD**
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	**55000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AG**
		Dilution Factor: 5		MDL.....: 93.0		
Chromium	**20.2**	**10.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AH**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	**89.8 B**	**100**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AL**
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	**17100**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AM**
		Dilution Factor: 1		MDL.....: 110		
Manganese	**4.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AN**
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	**34.2 B**	**40.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AP**
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	**8330 C**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AQ**
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AR
		Dilution Factor: 1		MDL.....: 6.0		

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Fluor Hanford Inc

Client Sample ID: B1X173

TOTAL Metals

Lot-Sample #...: F8I050344-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**17700**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AT**
		Dilution Factor: 1		MDL.....: 134		
Strontium	**300 D**	**250**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AU**
		Dilution Factor: 5		MDL.....: 2.7		
Vanadium	**17.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KWDWW1AV**
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KWDWW1AW
		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 #...: SL754 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8I180000-125 **Prep Batch #...:** 8262125						
Aluminum	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AA
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AC
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AD
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AE
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AF
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AG
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AH
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AJ
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AL
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AM
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AN
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AP
		Dilution Factor: 1				
Potassium	**2760 B**	**5000**	**ug/L**	**SW846 6010B**	**09/18-09/19/08**	**KW4EF1AQ**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL754 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AT
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AU
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AV
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/19/08	KW4EF1AW
		Dilution Factor: 1				

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 #...: SL754 **Matrix.....:** WATER

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

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL754 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/18-09/22/08	KW4ED1AV
		Dilution Factor: 1				

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 #...: SL754 **Matrix.....:** WATER

LCS Lot-Sample#: F8I180000-125 **Prep Batch #...:** 8262125

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	500	495	ug/L	99	SW846 6010B	09/18-09/19/08	KW4EF1AX
			Dilution Factor: 1				
Antimony	500	507	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1A0
			Dilution Factor: 1				
Barium	500	521	ug/L	104	SW846 6010B	09/18-09/19/08	KW4EF1A1
			Dilution Factor: 1				
Beryllium	500	545	ug/L	109	SW846 6010B	09/18-09/19/08	KW4EF1A2
			Dilution Factor: 1				
Cadmium	500	523	ug/L	105	SW846 6010B	09/18-09/19/08	KW4EF1A3
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	09/18-09/19/08	KW4EF1A4
			Dilution Factor: 1				
Chromium	500	505	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1A5
			Dilution Factor: 1				
Cobalt	500	502	ug/L	100	SW846 6010B	09/18-09/19/08	KW4EF1A6
			Dilution Factor: 1				
Copper	500	494	ug/L	99	SW846 6010B	09/18-09/19/08	KW4EF1A7
			Dilution Factor: 1				
Iron	500	576	ug/L	115	SW846 6010B	09/18-09/19/08	KW4EF1A8
			Dilution Factor: 1				
Magnesium	10000	10500	ug/L	105	SW846 6010B	09/18-09/19/08	KW4EF1A9
			Dilution Factor: 1				
Manganese	500	515	ug/L	103	SW846 6010B	09/18-09/19/08	KW4EF1CA
			Dilution Factor: 1				
Nickel	500	514	ug/L	103	SW846 6010B	09/18-09/19/08	KW4EF1CC
			Dilution Factor: 1				
Potassium	10000	11300	ug/L	113	SW846 6010B	09/18-09/22/08	KW4EF1CD
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL754 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	125	126	ug/L	101	SW846 6010B	09/18-09/19/08	KW4EF1CE
			Dilution Factor: 1				
Sodium	10000	10600	ug/L	106	SW846 6010B	09/18-09/19/08	KW4EF1CF
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/18-09/19/08	KW4EF1CG
			Dilution Factor: 1				
Vanadium	500	512	ug/L	102	SW846 6010B	09/18-09/19/08	KW4EF1CH
			Dilution Factor: 1				
Zinc	500	555	ug/L	111	SW846 6010B	09/18-09/19/08	KW4EF1CJ
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL754 **Matrix.....:** WATER

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

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL754 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10300	ug/L	103	SW846 6010B	09/18-09/22/08	KW4ED1CD
			Dilution Factor: 1				
Strontium	500	494	ug/L	99	SW846 6010B	09/18-09/22/08	KW4ED1CE
			Dilution Factor: 1				
Vanadium	500	510	ug/L	102	SW846 6010B	09/18-09/22/08	KW4ED1CF
			Dilution Factor: 1				
Zinc	500	562	ug/L	112	SW846 6010B	09/18-09/22/08	KW4ED1CG
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

MS Lot-Sample #: F8I050340-002 **Prep Batch #...:** 8262125

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

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

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

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

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

Dilution Factor: 1

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

MS Lot-Sample #: F8I050340-005 **Prep Batch #...:** 8262112

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum									
	ND	1000	1080	ug/L	108		SW846 6010B	09/18-09/22/08	KWDV01AX
	ND	1000	1070	ug/L	107	1.5	SW846 6010B	09/18-09/22/08	KWDV01A0
			Dilution Factor: 1						
Antimony									
	ND	250	259	ug/L	103		SW846 6010B	09/18-09/22/08	KWDV01A1
	ND	250	253	ug/L	101	2.0	SW846 6010B	09/18-09/22/08	KWDV01A2
			Dilution Factor: 1						
Barium									
	26.4	1000	1080	ug/L	106		SW846 6010B	09/18-09/22/08	KWDV01A3
	26.4	1000	1060	ug/L	104	2.0	SW846 6010B	09/18-09/22/08	KWDV01A4
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.4	ug/L	109		SW846 6010B	09/18-09/22/08	KWDV01A5
	ND	25.0	26.9	ug/L	108	1.6	SW846 6010B	09/18-09/22/08	KWDV01A6
			Dilution Factor: 1						
Cadmium									
	ND	25.0	26.1	ug/L	104		SW846 6010B	09/18-09/22/08	KWDV01A7
	ND	25.0	25.6	ug/L	102	1.9	SW846 6010B	09/18-09/22/08	KWDV01A8
			Dilution Factor: 1						
Calcium									
	23900	25000	48700	ug/L	100		SW846 6010B	09/18-09/22/08	KWDV01A9
	23900	25000	47200	ug/L	93	3.2	SW846 6010B	09/18-09/22/08	KWDV01CA
			Dilution Factor: 1						
Chromium									
	ND	100	101	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CC
	ND	100	105	ug/L	105	3.7	SW846 6010B	09/18-09/22/08	KWDV01CD
			Dilution Factor: 1						
Cobalt									
	ND	250	238	ug/L	95		SW846 6010B	09/18-09/22/08	KWDV01CE
	ND	250	234	ug/L	94	1.5	SW846 6010B	09/18-09/22/08	KWDV01CF
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper									
	ND	125	126	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CG
	ND	125	125	ug/L	100	1.1	SW846 6010B	09/18-09/22/08	KWDV01CH
			Dilution Factor: 1						
Iron									
	ND	500	559	ug/L	112		SW846 6010B	09/18-09/22/08	KWDV01CJ
	ND	500	574	ug/L	115	2.7	SW846 6010B	09/18-09/22/08	KWDV01CK
			Dilution Factor: 1						
Magnesium									
	7980	25000	34500	ug/L	106		SW846 6010B	09/18-09/22/08	KWDV01CL
	7980	25000	34000	ug/L	104	1.4	SW846 6010B	09/18-09/22/08	KWDV01CM
			Dilution Factor: 1						
Manganese									
	ND	250	252	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CN
	ND	250	248	ug/L	99	1.7	SW846 6010B	09/18-09/22/08	KWDV01CP
			Dilution Factor: 1						
Nickel									
	ND	250	253	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CQ
	ND	250	253	ug/L	101	0.21	SW846 6010B	09/18-09/22/08	KWDV01CR
			Dilution Factor: 1						
Potassium									
	3600	12500	16400	ug/L	102		SW846 6010B	09/18-09/22/08	KWDV01CT
	3600	12500	17300	ug/L	109	5.3	SW846 6010B	09/18-09/22/08	KWDV01CU
			Dilution Factor: 1						
Silver									
	ND	25.0	26.3	ug/L	105		SW846 6010B	09/18-09/22/08	KWDV01CV
	ND	25.0	26.7	ug/L	107	1.5	SW846 6010B	09/18-09/22/08	KWDV01CW
			Dilution Factor: 1						
Sodium									
	18800	12500	31500	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01CX
	18800	12500	30700	ug/L	95	2.5	SW846 6010B	09/18-09/22/08	KWDV01C0
			Dilution Factor: 1						
Strontium									
	100	500	593	ug/L	98		SW846 6010B	09/18-09/22/08	KWDV01C1
	100	500	573	ug/L	95	3.3	SW846 6010B	09/18-09/22/08	KWDV01C2
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	32.7	250	286	ug/L	101		SW846 6010B	09/18-09/22/08	KWDV01C3
	32.7	250	282	ug/L	100	1.6	SW846 6010B	09/18-09/22/08	KWDV01C4
			Dilution Factor: 1						
Zinc									
	ND	250	282	ug/L	113		SW846 6010B	09/18-09/22/08	KWDV01C5
	ND	250	276	ug/L	111	2.0	SW846 6010B	09/18-09/22/08	KWDV01C6
			Dilution Factor: 1						

NOTE(S):

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

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1WXW3

General Chemistry

Lot-Sample #...: F8I050340-006 **Work Order #...:** KWDV2 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	09/22/08	8266375
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	**0.59 B**	**1.0**	**mg/L**	**SW846 9060**	**09/16/08**	**8259116**
		Dilution Factor: 1		MDL.....: 0.20		
Total Sulfide	ND	1.0	mg/L	SW846 9030	09/09/08	8253115
		Dilution Factor: 1		MDL.....: 0.18		
TOX	**8.4**	**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.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL754 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol		Work Order #: KXDMV1AA		MB Lot-Sample #:	F8I220000-375	
	ND	50.0	ug/L	MCAWW 420.2	09/22/08	8266375
		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				
Total Sulfide		Work Order #: KWG1P1AA		MB Lot-Sample #:	F8I090000-115	
	ND	1.0	mg/L	SW846 9030	09/09/08	8253115
		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				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL754 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			WO#:KW20N1AC-LCS/KW20N1AD-LCSD			LCS Lot-Sample#: F8I150000-116		
	8.00	8.15	mg/L	102		SW846 9060	09/15/08	8259116
	8.00	8.20	mg/L	103	0.62	SW846 9060	09/15/08	8259116

Dilution Factor: 1

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL754 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #:	KXDMV1AC	LCS Lot-Sample#:	F8I220000-375	
	200	200	ug/L	100	MCAWW 420.2	09/22/08	8266375
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KWG1P1AC	LCS Lot-Sample#:	F8I090000-115	
	4.00	3.88	mg/L	97	SW846 9030	09/09/08	8253115
			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				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL754 **Matrix.....:** WATER
Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #...:		KWDV21A8	MS Lot-Sample #:		F8I050340-006
	ND	200	200	ug/L	100	MCAWW 420.2	09/22/08	8266375
			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 #...:		KWDV21CA	MS Lot-Sample #:		F8I050340-006
	0.59	5.00	6.28	mg/L	114	SW846 9060	09/16/08	8259116
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KWDV21A9	MS Lot-Sample #:		F8I050340-006
	ND	4.00	3.92	mg/L	98	SW846 9030	09/09/08	8253115
			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 #...: F8I050340 **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 #...: F8I050340 **Work Order #...:** KWDV2-SMP KWDV2-DUP **Matrix.....:** WATER

Date Sampled...: 09/04/08 **Date Received..:** 09/05/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #:	F8I050340-006	
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	09/22/08	8266375
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #:	F8I050340-006	
	ND	ND	mg/L	0	(0-20)	SW846 9030	09/09/08	8253115
			Dilution Factor: 1					