RECEIVED APRIL 7, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-002

Lot #: F8C070266
SDG #: SL730

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

March 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
March 31, 2008
Attention: Steve Trent

SDG	: SL730
Number of Samples	: 10 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: March 19, 2008

II. Introduction

Between between March 7, 2008 and March 11, 2008, ten (10) samples water samples were received by TestAmerica - St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

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: W02-002 and I08-027

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

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

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THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
March 31, 2008
SDG: SL730

Volatiles

Batch: 8074303

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) 1-Butanol (24.6%), and 1,4-Dioxane (25.6%), indicating a potential high bias for these analytes in the samples associated with this CCV. These analytes are not detected above the reporting limits or in the associated samples.
Affected Samples:
F8C070266 (7): B1T654

Phenol by GC

Batch: 8072401

2,3,4,6-Tetrachlorophenol, 4,6-dinitro-o-Cresol, and Dinoseb were removed from the initial calibration highest point due to elevated response. The initial calibration still meets the minimum number of points and the reporting limits required. The compounds were removed within TestAmerica's selection of points policy.
Affected Samples:
F8C070266 (1): B1T4K1
F8C070266 (2): B1T4K2
F8C070266 (3): B1T4L0
F8C070266 (4): B1T4L2
F8C070266 (5): B1T4N7
F8C070266 (6): B1T4P8
F8C070266 (8): B1T4R9

The closing CCV surrogate recovery for 2-Fluorophenol in OCAL130 is outside the upper QC limit (greater than 15%D) indicating a potential high bias for this surrogate in the associated sample. The sample surrogate recovery for 2-Fluorophenol is within acceptable QC limits.
Affected Samples:
F8C070266 (8): B1T4R9

The MSD surrogate recovery for 2,4,6-Tribromophenol is outside acceptance limits. The MSD spike recoveries are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the MSD and not indicative of the batch.
Affected Samples:
F8C070266 (1): B1T4K1
F8C070266 (2): B1T4K2
F8C070266 (3): B1T4L0
F8C070266 (4): B1T4L2
F8C070266 (5): B1T4N7
F8C070266 (6): B1T4P8
F8C070266 (8): B1T4R9

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THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
March 31, 2008
SDG: SL730

ICP Metals

Batch: 8073089

The samples were analyzed at a dilution 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:
F8C110302 (1): B1TJJ8
F8C110302 (2): B1TJJ9

The MS/MSD recovery for Calcium is outside the established QC limits. The said analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

The MS (MSD) recovery for magnesium and strontium are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F8C110302 (1): B1TJJ8
F8C110302 (2): B1TJJ9

There were no observations or nonconformances for the following methods:

Total Petroleum Hydrocarbons
Alkalinity

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

Reviewed and approved:

Michael Franks
St. Louis Project Manager

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METHODS SUMMARY

SL730

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Alkalinity	MCAWW 310.1	MCAWW 310.1
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Phenols by GC	SW846 8040A	SW846 3520
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

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

SL730 : F8C070266

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH71E	001	B1T4K1	03/06/08	11:30
KH71J	002	B1T4K2	03/06/08	11:30
KH71K	003	B1T4L0	03/06/08	09:33
KH71L	004	B1T4L2	03/06/08	07:30
KH71N	005	B1T4N7	03/06/08	12:32
KH71P	006	B1T4P8	03/06/08	10:33
KH710	007	B1T654	03/06/08	10:33
KH715	008	B1T4R9	03/06/08	13:21

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

SL730 : F8C110302

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJD0H	001	B1TJJ8	03/09/08	14:13
KJD0K	002	B1TJJ9	03/09/08	14:13

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# SL730

FLUOR HANFORD

SL730

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-508**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook: HNF-N-506-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4K1		W	3/6/08	1130	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4K1		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 3/6/08

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	3-6-08 1430	FedEx	
FedEx	3-7-08 09:45	B. [illegible]	3/7/08 0945

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

68

SDG# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-509**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook: HNF-N-506-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4K2		W	3/6/08	1130	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4K2		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 3/6/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			3-6-08 1430	Fedex			
RD Ex			3-7-08 09:45	B-N			3/7/08 0945

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# SL730

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-514**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook: HNF-N-506-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4L0		W	3/6/08	0933	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4L0		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall
3/6/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			3-6-08 1430	FedEx			
RDE			3-7-08 09:45	[illegible]			3/7/08 0945

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# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-515**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA FEBRUARY 2008	Logbook: HNF-N-504-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4L2		W	3/6/08	0730	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4L2		W	↓	↓	1x20-mL P	Activity Scan	None

K Wood 3/6/08

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	3-6-08 1430	FedEx	
FedEx	3-7-08 09:45		3/7/08 0945

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# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

45185

C.O.C. # W08-002-526

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook K: HNF-N-506-13	Ice Chest No.: 600-06-3 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 8523 2927
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4N7		W	3/6/08	1232	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4N7		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 3/6/08

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	MAR 0 6 2008 1430	FEDEX	
Fed Ex	3-7-08 09:45	[illegible]	3/7/09 0945

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# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

82165

C.O.C. # W08-002-534

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook: HNF-N-506-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4P8		W	3/6/08	1033	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4P8		W	↓	↓	1x20-mL P	Activity Scan	None
B1T654		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wall 3/6/08

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	3-6-08 1430	FedEx	
DDEx	3-7-08 09:45	[illegible]	3/7/08 0945

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# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-540**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	Logbook: HNF-N-506-13	Ice Chest No.: 600-06-3 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 8523 2927
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T4R9		W	3/6/08	1321	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4R9		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 3/6/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			MAR 0 6 2008 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex			3-7-08 09:45	B-M			3/7/08 0945
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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792661243956	**Reference**	SML-441
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Mar 6, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 7, 2008 9:24 AM	**Service type**	Priority Overnight
		Weight	82.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 7, 2008	9:24 AM	**Delivered**	Earth City, MO	
	6:59 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:53 AM	At local FedEx facility	EARTH CITY, MO	
	6:20 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	12:41 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 6, 2008	5:19 PM	Left origin	PASCO, WA	
	4:14 PM	Picked up	PASCO, WA	
	4:14 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799285232927	**Reference**	GW0-06-3
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Mar 6, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 7, 2008 9:24 AM	**Service type**	Priority Overnight
		Weight	45.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 7, 2008	9:24 AM	**Delivered**	Earth City, MO	
	6:57 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	6:20 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	12:41 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 6, 2008	5:19 PM	Left origin	PASCO, WA	
	4:14 PM	Picked up	PASCO, WA	
	4:12 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2289 - Lot #(s): F8C070266 275

Condition Upon Receipt Form

Client: Hanford
Quote No: 78889 78747
COC/RFA No: See below
Initiated By: BD
Date: 3/7/08
Time: 0945

Shipping Information

Shipper Name: FE

Shipping # (s):*
1. 7992 8523 2927
2. 7926 6124 3952
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: 1. W08-002-526, 540
2. S06-003-213, W08-002-534, 509, 508, 514, 515

1 LG for BIT4K1 & BIT4P8 received broken.

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Michael [illegible] Date: 03-11-8 2289

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# SL730

FLUOR HANFORD

SL730

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Cal 2343

C.O.C. # I08-027-44

Page 1 of 1

Collector: Kevin Patterson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-027	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM, MARCH 2008	Logbook: HNF-N-506-13	Ice Chest No.: GWU-06-12 Temp.: 4/7 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926-6244-0250
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.: N/A

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1TJJ8 (F)		W	3/9/08	1413	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1TJJ9		W	↓	↓	1x20-mL P	Activity Scan	None
B1TJJ9		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1TJJ9		W			1x500-mL G/P	2320_ALKALINITY: Alkalinity (1)	Cool~4C
B1TJJ9		W	↓	↓	3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C

K. Wall 3/9/08

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Kevin Patterson, Fluor Hanford	3/10/08 1000	K. B. Hulse	3-10-08 1000
K. B. Hulse	3/10/08 1400	FED EX	
FED EX	3-11-08 09:15		03.11.08 0915

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792662440250	**Reference**	GW0-06-12
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Mar 10, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 11, 2008 9:16 AM	**Service type**	Priority Overnight
		Weight	47.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 11, 2008	9:16 AM	**Delivered**	Earth City, MO	
	7:12 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:06 AM	At local FedEx facility	EARTH CITY, MO	
	5:49 AM	At dest sort facility	BERKELEY, MO	
	3:59 AM	Departed FedEx location	MEMPHIS, TN	
	12:57 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 10, 2008	5:22 PM	Left origin	PASCO, WA	
	4:03 PM	Picked up	PASCO, WA	
	12:58 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2343 - Lot #(s): F8C110302

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: F08-027-44 Date: 03.11.08
Quote No: 16771 Initiated By: [illegible] Time: 0945

Shipping Information

Shipper Name: FedX Multiple Packages Y (N)
Shipping # (s):*

1. 7926 6244 0258	6.	1. 2°	6.
2.	7.	2.	7.
3.	8.	3.	8.
4.	9.	4.	9.
5.	10.	5.	10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	(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:

BITJJ9 TPH diesel has pH of 6.

Add ALL lot STD0006-06 ph is 2

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: [signature] Date: 03-13-08 -2343-

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
VOLATILES

Fluor Hanford Inc

Client Sample ID: B1T654

GC/MS Volatiles

Lot-Sample #...: F8C070266-007 **Work Order #...:** KH7101AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.15 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.46 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.31 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
Dibromofluoromethane	98	(70 - 124)
1,2-Dichloroethane-d4	110	(63 - 133)
4-Bromofluorobenzene	87	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T654

GC/MS Volatiles

Lot-Sample #: F8C070266-007 **Work Order #:** KH7101AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL730 **Work Order #...:** KJL5R1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C140000-303

Prep Date.....: 03/12/08
Analysis Date..: 03/12/08 **Prep Batch #...:** 8074303
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.18 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(70 - 119)
Dibromofluoromethane	99	(70 - 124)
1,2-Dichloroethane-d4	114	(63 - 133)
4-Bromofluorobenzene	84	(66 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8C140000-303 B **Work Order #:** KJL5R1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL730 **Work Order #...:** KJL5R1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C140000-303
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dioxane	200	221	ug/L	110	SW846 8260B
1,1-Dichloroethene	10.0	9.37	ug/L	94	SW846 8260B
Ethylbenzene	10.0	9.70	ug/L	97	SW846 8260B
Vinyl chloride	10.0	12.2	ug/L	122	SW846 8260B
Acetone	10.0	8.59	ug/L	86	SW846 8260B
Methylene chloride	10.0	10.4	ug/L	104	SW846 8260B
Carbon disulfide	10.0	10.8	ug/L	108	SW846 8260B
1,1-Dichloroethane	10.0	10.8	ug/L	108	SW846 8260B
2-Butanone	10.0	9.40	ug/L	94	SW846 8260B
Chloroform	10.0	10.3	ug/L	103	SW846 8260B
cis-1,2-Dichloroethene	10.0	7.89	ug/L	79	SW846 8260B
Propionitrile	50.0	56.2	ug/L	112	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.75	ug/L	87	SW846 8260B
1,1,1-Trichloroethane	10.0	9.70	ug/L	97	SW846 8260B
Carbon tetrachloride	10.0	10.3	ug/L	103	SW846 8260B
1,2-Dichloroethane	10.0	11.2	ug/L	112	SW846 8260B
Benzene	10.0	10.1	ug/L	101	SW846 8260B
Trichloroethene	10.0	9.69	ug/L	97	SW846 8260B
4-Methyl-2-pentanone	10.0	8.78	ug/L	88	SW846 8260B
1,1,2-Trichloroethane	10.0	9.19	ug/L	92	SW846 8260B
Tetrachloroethene	10.0	8.60	ug/L	86	SW846 8260B
Tetrahydrofuran	50.0	54.8	ug/L	110	SW846 8260B
1,4-Dichlorobenzene	10.0	9.96	ug/L	100	SW846 8260B
1-Butanol	100	106	ug/L	106	SW846 8260B
Toluene	10.0	9.83	ug/L	98	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(84 - 115)
Dibromofluoromethane	105	(81 - 115)
1,2-Dichloroethane-d4	114	(71 - 127)
4-Bromofluorobenzene	95	(74 - 117)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL730 **Work Order #...:** KJL5R1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C140000-303

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 Volatiles

Client Lot #...: SL730 **Work Order #...:** KH7101AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070266-007 KH7101AD-MSD
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.21	ug/L	92		SW846 8260B
	ND	10.0	9.01	ug/L	90	2.2	SW846 8260B
Ethylbenzene	ND	10.0	8.14	ug/L	81		SW846 8260B
	ND	10.0	8.19	ug/L	82	0.62	SW846 8260B
1,4-Dioxane	ND	200	169	ug/L	85		SW846 8260B
	ND	200	202	ug/L	101	18	SW846 8260B
Vinyl chloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.6	ug/L	116	6.9	SW846 8260B
Acetone	ND	10.0	8.10	ug/L	81		SW846 8260B
	ND	10.0	7.31	ug/L	73	10	SW846 8260B
Methylene chloride	ND	10.0	9.12	ug/L	91		SW846 8260B
	ND	10.0	8.76	ug/L	88	4.0	SW846 8260B
Carbon disulfide	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.0	ug/L	100	2.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.7	ug/L	107	1.3	SW846 8260B
2-Butanone	ND	10.0	9.04	ug/L	90		SW846 8260B
	ND	10.0	8.78	ug/L	88	2.9	SW846 8260B
Chloroform	0.15	10.0	10.4	ug/L	103		SW846 8260B
	0.15	10.0	10.4	ug/L	102	0.67	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	8.24	ug/L	82		SW846 8260B
	ND	10.0	7.79	ug/L	78	5.6	SW846 8260B
Propionitrile	ND	50.0	54.9	ug/L	110		SW846 8260B
	ND	50.0	56.9	ug/L	114	3.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.54	ug/L	85		SW846 8260B
	ND	10.0	8.84	ug/L	88	3.4	SW846 8260B
1,1,1-Trichloroethane	0.46	10.0	10.2	ug/L	98		SW846 8260B
	0.46	10.0	10.4	ug/L	99	1.4	SW846 8260B
Carbon tetrachloride	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.2	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.6	ug/L	106	1.8	SW846 8260B
Benzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.95	ug/L	100	2.7	SW846 8260B
Trichloroethene	0.31	10.0	9.52	ug/L	92		SW846 8260B
	0.31	10.0	9.02	ug/L	87	5.4	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.37	ug/L	74		SW846 8260B
	ND	10.0	6.87	ug/L	69	7.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.19	ug/L	82		SW846 8260B
	ND	10.0	7.80	ug/L	78	5.0	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL730 **Work Order #...:** KH7101AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070266-007 KH7101AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**7.45**	**ug/L**	**75**		**SW846 8260B**
	ND	**10.0**	**7.46**	**ug/L**	**75**	**0.05**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**50.0**	**ug/L**	**100**		**SW846 8260B**
	ND	**50.0**	**51.9**	**ug/L**	**104**	**3.7**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**7.64**	**ug/L**	**76**		**SW846 8260B**
	ND	**10.0**	**8.11**	**ug/L**	**81**	**6.0**	**SW846 8260B**
1-Butanol	**ND**	**100**	**86.5**	**ug/L**	**87**		**SW846 8260B**
	ND	**100**	**81.1**	**ug/L**	**81**	**6.4**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.24**	**ug/L**	**82**		**SW846 8260B**
	ND	**10.0**	**8.08**	**ug/L**	**81**	**2.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	81	(70 - 119)
	81	(70 - 119)
Dibromofluoromethane	96	(70 - 124)
	96	(70 - 124)
1,2-Dichloroethane-d4	108	(63 - 133)
	104	(63 - 133)
4-Bromofluorobenzene	82	(66 - 115)
	84	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

EXTRACTABLE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1TJJ9

GC Semivolatiles

Lot-Sample #...: F8C110302-002 **Work Order #...:** KJD0K1AC **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073102
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	0.50	mg/L	0.033

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	55	(52 - 150)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KJGNN1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C130000-102

Prep Date.....: 03/13/08
Analysis Date..: 03/17/08 **Prep Batch #...:** 8073102
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH - Diesel Range - WTPH	ND	0.50	mg/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	64	(52 - 150)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KJGNN1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C130000-102
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073102
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**2.03**	**mg/L**	**81**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	112	(54 - 150)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KJD0K1A3-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C110302-002 KJD0K1A4-MSD
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073102
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.38**	**1.98**	**mg/L**	**83**		**SW846 8015 MOD**
	ND	**2.38**	**1.95**	**mg/L**	**82**	**1.4**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	115	(52 - 150)
	112	(52 - 150)

NOTE(S):

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

Bold print denotes control parameters

PHENOL BY GC

Fluor Hanford Inc

Client Sample ID: B1T4K1

GC Semivolatiles

Lot-Sample #...: F8C070266-001 **Work Order #...:** KH71E1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	92	(44 - 110)
2-Fluorophenol	75	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4K2

GC Semivolatiles

Lot-Sample #...: F8C070266-002 **Work Order #...:** KH71J1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	93	(44 - 110)
2-Fluorophenol	81	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4L0

GC Semivolatiles

Lot-Sample #...: F8C070266-003 **Work Order #...:** KH71K1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	88	(44 - 110)
2-Fluorophenol	77	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4L2

GC Semivolatiles

Lot-Sample #...: F8C070266-004 **Work Order #...:** KH71L1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(44 - 110)
2-Fluorophenol	80	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4N7

GC Semivolatiles

Lot-Sample #...: F8C070266-005 **Work Order #...:** KH71N1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(44 - 110)
2-Fluorophenol	82	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4P8

GC Semivolatiles

Lot-Sample #...: F8C070266-006 **Work Order #...:** KH71P1AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(44 - 110)
2-Fluorophenol	80	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4R9

GC Semivolatiles

Lot-Sample #...: F8C070266-008 **Work Order #...:** KH7151AA **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(44 - 110)
2-Fluorophenol	67	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KJF3K1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C120000-401

Prep Date.....: 03/12/08
Analysis Date..: 03/21/08 **Prep Batch #...:** 8072401
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Chlorophenol	ND	5.0	ug/L	SW846 8040A
4-Chloro-3-methylphenol	ND	5.0	ug/L	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	SW846 8040A
2-Methylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,6-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4-Dimethylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8040A
Dinoseb	ND	5.0	ug/L	SW846 8040A
2-Nitrophenol	ND	5.0	ug/L	SW846 8040A
4-Nitrophenol	ND	5.0	ug/L	SW846 8040A
Pentachlorophenol	ND	5.0	ug/L	SW846 8040A
Phenol	ND	5.0	ug/L	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichloro-phenol	ND	5.0	ug/L	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(44 - 110)
2-Fluorophenol	76	(37 - 96)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KJF3K1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C120000-401
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**100**	**67.5**	**ug/L**	**68**	**SW846 8040A**
4-Chloro-3-methylphenol	**100**	**73.3**	**ug/L**	**73**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**100**	**67.3**	**ug/L**	**67**	**SW846 8040A**
2-Methylphenol	**100**	**67.0**	**ug/L**	**67**	**SW846 8040A**
2,4-Dichlorophenol	**100**	**68.2**	**ug/L**	**68**	**SW846 8040A**
2,6-Dichlorophenol	**100**	**69.9**	**ug/L**	**70**	**SW846 8040A**
2,4-Dimethylphenol	**100**	**68.9**	**ug/L**	**69**	**SW846 8040A**
2,4-Dinitrophenol	**100**	**79.3**	**ug/L**	**79**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**100**	**77.9**	**ug/L**	**78**	**SW846 8040A**
Dinoseb	**100**	**83.5**	**ug/L**	**83**	**SW846 8040A**
2-Nitrophenol	**100**	**67.7**	**ug/L**	**68**	**SW846 8040A**
4-Nitrophenol	**100**	**73.8**	**ug/L**	**74**	**SW846 8040A**
Pentachlorophenol	**100**	**80.3**	**ug/L**	**80**	**SW846 8040A**
Phenol	**100**	**61.5**	**ug/L**	**62**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**100**	**76.6**	**ug/L**	**77**	**SW846 8040A**
2,4,5-Trichloro-phenol	**100**	**73.2**	**ug/L**	**73**	**SW846 8040A**
2,4,6-Trichloro-phenol	**100**	**73.0**	**ug/L**	**73**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	94	(50 - 107)
2-Fluorophenol	67	(50 - 91)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KH71J1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070266-002 KH71J1AE-MSD
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8072401
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.5	75.8	ug/L	79		SW846 8040A
	ND	95.6	76.0	ug/L	80	0.30	SW846 8040A
4-Chloro-3-methylphenol	ND	95.5	83.2	ug/L	87		SW846 8040A
	ND	95.6	82.8	ug/L	87	0.54	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.5	76.3	ug/L	80		SW846 8040A
	ND	95.6	75.8	ug/L	79	0.61	SW846 8040A
2-Methylphenol	ND	95.5	75.2	ug/L	79		SW846 8040A
	ND	95.6	75.1	ug/L	79	0.09	SW846 8040A
2,4-Dichlorophenol	ND	95.5	77.3	ug/L	81		SW846 8040A
	ND	95.6	76.2	ug/L	80	1.4	SW846 8040A
2,6-Dichlorophenol	ND	95.5	78.8	ug/L	83		SW846 8040A
	ND	95.6	77.5	ug/L	81	1.6	SW846 8040A
2,4-Dimethylphenol	ND	95.5	74.8	ug/L	78		SW846 8040A
	ND	95.6	73.5	ug/L	77	1.6	SW846 8040A
2,4-Dinitrophenol	ND	95.5	89.2	ug/L	93		SW846 8040A
	ND	95.6	90.4	ug/L	95	1.3	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.5	87.2	ug/L	91		SW846 8040A
	ND	95.6	90.9	ug/L	95	4.1	SW846 8040A
Dinoseb	ND	95.5	93.6	ug/L	98		SW846 8040A
	ND	95.6	97.2	ug/L	102	3.8	SW846 8040A
2-Nitrophenol	ND	95.5	82.2	ug/L	86		SW846 8040A
	ND	95.6	80.2	ug/L	84	2.5	SW846 8040A
4-Nitrophenol	ND	95.5	86.4	ug/L	91		SW846 8040A
	ND	95.6	91.9	ug/L	96	6.1	SW846 8040A
Pentachlorophenol	ND	95.5	91.0	ug/L	95		SW846 8040A
	ND	95.6	93.6	ug/L	98	2.8	SW846 8040A
Phenol	ND	95.5	70.6	ug/L	74		SW846 8040A
	ND	95.6	72.0	ug/L	75	2.0	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.5	86.3	ug/L	90		SW846 8040A
	ND	95.6	88.8	ug/L	93	2.8	SW846 8040A
2,4,5-Trichlorophenol	ND	95.5	83.2	ug/L	87		SW846 8040A
	ND	95.6	81.7	ug/L	85	1.8	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL730 **Work Order #...:** KH71J1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070266-002 KH71J1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.5**	**87.8**	**ug/L**	**92**		**SW846 8040A**
	ND	**95.6**	**86.0**	**ug/L**	**90**	**2.1**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	110	(44 - 110)
	113 *	(44 - 110)
2-Fluorophenol	80	(37 - 96)
	78	(37 - 96)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

METALS

Fluor Hanford Inc

Client Sample ID: B1TJJ8

DISSOLVED Metals

Lot-Sample #...: F8C110302-001 **Matrix.....:** WATER
Date Sampled...: 03/09/08 14:13 **Date Received..:** 03/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073089						
Antimony	ND	60.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AA
		Dilution Factor: 1		Analysis Time..: 09:47		
Barium	**187 B**	**200**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0H1AC**
		Dilution Factor: 1		Analysis Time..: 09:47		
Beryllium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AD
		Dilution Factor: 1		Analysis Time..: 09:47		
Cadmium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AE
		Dilution Factor: 1		Analysis Time..: 09:47		
Calcium	**308000 D,N**	**50000**	**ug/L**	**SW846 6010B**	**03/13-03/17/08**	**KJD0H1AF**
		Dilution Factor: 10		Analysis Time..: 13:42		
Chromium	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AG
		Dilution Factor: 1		Analysis Time..: 09:47		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AH
		Dilution Factor: 1		Analysis Time..: 09:47		
Copper	ND	25.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AJ
		Dilution Factor: 1		Analysis Time..: 09:47		
Iron	ND	100	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AK
		Dilution Factor: 1		Analysis Time..: 09:47		
Magnesium	**31500 D,N**	**10000**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0H1AL**
		Dilution Factor: 2		Analysis Time..: 11:01		
Manganese	**2.7 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0H1AM**
		Dilution Factor: 2		Analysis Time..: 11:01		
Nickel	ND	40.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AN
		Dilution Factor: 1		Analysis Time..: 09:47		
Potassium	**6280**	**5000**	**ug/L**	**SW846 6010B**	**03/13-03/19/08**	**KJD0H1AP**
		Dilution Factor: 1		Analysis Time..: 21:16		

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Fluor Hanford Inc

Client Sample ID: B1TJJ8

DISSOLVED Metals

Lot-Sample #...: F8C110302-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AQ
		Dilution Factor: 1		Analysis Time..: 09:47		
Sodium	**29700**	**5000**	**ug/L**	**SW846 6010B**	**03/13-03/19/08**	**KJD0H1AR**
		Dilution Factor: 1		Analysis Time..: 21:16		
Strontium	**1360 D,N**	**500**	**ug/L**	**SW846 6010B**	**03/13-03/17/08**	**KJD0H1AT**
		Dilution Factor: 10		Analysis Time..: 13:42		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0H1AU
		Dilution Factor: 1		Analysis Time..: 09:47		
Zinc	**22.7 B,D**	**40.0**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0H1AV**
		Dilution Factor: 2		Analysis Time..: 11:01		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1TJJ9

TOTAL Metals

Lot-Sample #...: F8C110302-002 **Matrix.....:** WATER
Date Sampled...: 03/09/08 14:13 **Date Received..:** 03/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073089						
Antimony	ND	60.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AD
		Dilution Factor: 1		Analysis Time..: 10:09		
Barium	**228**	**200**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AE**
		Dilution Factor: 1		Analysis Time..: 10:09		
Beryllium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AF
		Dilution Factor: 1		Analysis Time..: 10:09		
Cadmium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AG
		Dilution Factor: 1		Analysis Time..: 10:09		
Calcium	**237000 D,N**	**50000**	**ug/L**	**SW846 6010B**	**03/13-03/17/08**	**KJD0K1AH**
		Dilution Factor: 10		Analysis Time..: 14:04		
Chromium	**5.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AJ**
		Dilution Factor: 1		Analysis Time..: 10:09		
Cobalt	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AK
		Dilution Factor: 1		Analysis Time..: 10:09		
Copper	ND	25.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AL
		Dilution Factor: 1		Analysis Time..: 10:09		
Iron	**50.8 B**	**100**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AM**
		Dilution Factor: 1		Analysis Time..: 10:09		
Magnesium	**38700 N**	**5000**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AN**
		Dilution Factor: 1		Analysis Time..: 10:09		
Manganese	**5.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AP**
		Dilution Factor: 1		Analysis Time..: 10:09		
Nickel	ND	40.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AQ
		Dilution Factor: 1		Analysis Time..: 10:09		
Potassium	**4610 B**	**5000**	**ug/L**	**SW846 6010B**	**03/13-03/19/08**	**KJD0K1AR**
		Dilution Factor: 1		Analysis Time..: 21:40		

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Fluor Hanford Inc

Client Sample ID: B1TJJ9

TOTAL Metals

Lot-Sample #...: F8C110302-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AT
		Dilution Factor: 1		Analysis Time..: 10:09		
Sodium	**28400**	**5000**	**ug/L**	**SW846 6010B**	**03/13-03/19/08**	**KJD0K1AU**
		Dilution Factor: 1		Analysis Time..: 21:40		
Strontium	**1030 D,N**	**500**	**ug/L**	**SW846 6010B**	**03/13-03/17/08**	**KJD0K1AV**
		Dilution Factor: 10		Analysis Time..: 14:04		
Vanadium	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJD0K1AW
		Dilution Factor: 1		Analysis Time..: 10:09		
Zinc	**28.1**	**20.0**	**ug/L**	**SW846 6010B**	**03/13-03/14/08**	**KJD0K1AX**
		Dilution Factor: 1		Analysis Time..: 10:09		

NOTE(S):

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL730 **Matrix.....:** WATER

MB Lot-Sample #: F8C130000-089 **Prep Batch #...:** 8073089

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	60.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	03/13-03/17/08	KJGMD1A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1A9
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	03/13-03/19/08	KJGMD1CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	03/13-03/19/08	KJGMD1CD
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL730 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	03/13-03/17/08	KJGMD1CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1CG
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER

MB Lot-Sample #: F8C130000-089 **Prep Batch #...:** 8073089

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	60.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	03/13-03/17/08	KJGMD1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	03/13-03/19/08	KJGMD1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	03/13-03/19/08	KJGMD1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	03/13-03/17/08	KJGMD1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	03/13-03/14/08	KJGMD1AV
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL730 **Matrix.....:** WATER

LCS Lot-Sample#: F8C130000-089 **Prep Batch #...:** 8073089

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	501	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1C4
			Dilution Factor: 1				
Barium	500	503	ug/L	101	SW846 6010B	03/13-03/14/08	KJGMD1C5
			Dilution Factor: 1				
Beryllium	500	526	ug/L	105	SW846 6010B	03/13-03/14/08	KJGMD1C6
			Dilution Factor: 1				
Cadmium	500	502	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1C7
			Dilution Factor: 1				
Calcium	10000	9890	ug/L	99	SW846 6010B	03/13-03/17/08	KJGMD1C8
			Dilution Factor: 1				
Chromium	500	488	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1C9
			Dilution Factor: 1				
Cobalt	500	486	ug/L	97	SW846 6010B	03/13-03/14/08	KJGMD1DA
			Dilution Factor: 1				
Copper	500	474	ug/L	95	SW846 6010B	03/13-03/14/08	KJGMD1DC
			Dilution Factor: 1				
Iron	500	551	ug/L	110	SW846 6010B	03/13-03/14/08	KJGMD1DD
			Dilution Factor: 1				
Magnesium	10000	9520	ug/L	95	SW846 6010B	03/13-03/14/08	KJGMD1DE
			Dilution Factor: 1				
Manganese	500	498	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1DF
			Dilution Factor: 1				
Nickel	500	493	ug/L	99	SW846 6010B	03/13-03/14/08	KJGMD1DG
			Dilution Factor: 1				
Potassium	10000	10100	ug/L	101	SW846 6010B	03/13-03/19/08	KJGMD1DH
			Dilution Factor: 1				
Silver	125	122	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1DJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL730 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	11200	ug/L	112	SW846 6010B	03/13-03/19/08	KJGMD1DK
			Dilution Factor: 1				
Strontium	500	540	ug/L	108	SW846 6010B	03/13-03/17/08	KJGMD1DL
			Dilution Factor: 1				
Vanadium	500	490	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1DM
			Dilution Factor: 1				
Zinc	500	543	ug/L	109	SW846 6010B	03/13-03/14/08	KJGMD1DN
			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 #...: SL730 **Matrix.....:** WATER

LCS Lot-Sample#: F8C130000-089 **Prep Batch #...:** 8073089

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	501	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1CH
			Dilution Factor: 1				
Barium	500	503	ug/L	101	SW846 6010B	03/13-03/14/08	KJGMD1CJ
			Dilution Factor: 1				
Beryllium	500	526	ug/L	105	SW846 6010B	03/13-03/14/08	KJGMD1CK
			Dilution Factor: 1				
Cadmium	500	502	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1CL
			Dilution Factor: 1				
Calcium	10000	9890	ug/L	99	SW846 6010B	03/13-03/17/08	KJGMD1CM
			Dilution Factor: 1				
Chromium	500	488	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1CN
			Dilution Factor: 1				
Cobalt	500	486	ug/L	97	SW846 6010B	03/13-03/14/08	KJGMD1CP
			Dilution Factor: 1				
Copper	500	474	ug/L	95	SW846 6010B	03/13-03/14/08	KJGMD1CQ
			Dilution Factor: 1				
Iron	500	551	ug/L	110	SW846 6010B	03/13-03/14/08	KJGMD1CR
			Dilution Factor: 1				
Magnesium	10000	9520	ug/L	95	SW846 6010B	03/13-03/14/08	KJGMD1CT
			Dilution Factor: 1				
Manganese	500	498	ug/L	100	SW846 6010B	03/13-03/14/08	KJGMD1CU
			Dilution Factor: 1				
Nickel	500	493	ug/L	99	SW846 6010B	03/13-03/14/08	KJGMD1CV
			Dilution Factor: 1				
Potassium	10000	10100	ug/L	101	SW846 6010B	03/13-03/19/08	KJGMD1CW
			Dilution Factor: 1				
Silver	125	122	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1CX
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	11200	ug/L	112	SW846 6010B	03/13-03/19/08	KJGMD1C0
			Dilution Factor: 1				
Strontium	500	540	ug/L	108	SW846 6010B	03/13-03/17/08	KJGMD1C1
			Dilution Factor: 1				
Vanadium	500	490	ug/L	98	SW846 6010B	03/13-03/14/08	KJGMD1C2
			Dilution Factor: 1				
Zinc	500	543	ug/L	109	SW846 6010B	03/13-03/14/08	KJGMD1C3
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

MS Lot-Sample #: F8C110302-001 **Prep Batch #...:** 8073089

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	262	ug/L	105		SW846 6010B	03/13-03/14/08	KJD0H1AW
	ND	250	232	ug/L	93	12	SW846 6010B	03/13-03/14/08	KJD0H1AX
			Dilution Factor: 1						
Barium									
	187	1000	1300	ug/L	111		SW846 6010B	03/13-03/14/08	KJD0H1A0
	187	1000	1150	ug/L	96	12	SW846 6010B	03/13-03/14/08	KJD0H1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.0	ug/L	108		SW846 6010B	03/13-03/14/08	KJD0H1A2
	ND	25.0	23.7	ug/L	95	13	SW846 6010B	03/13-03/14/08	KJD0H1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	26.5	ug/L	106		SW846 6010B	03/13-03/14/08	KJD0H1A4
	ND	25.0	23.1	ug/L	92	14	SW846 6010B	03/13-03/14/08	KJD0H1A5
			Dilution Factor: 1						
Calcium									
	308000	25000	323000	ug/L	62		SW846 6010B	03/13-03/17/08	KJD0H1A6
			Qualifiers: N,D						
	308000	25000	349000	ug/L	164	7.5	SW846 6010B	03/13-03/17/08	KJD0H1A7
			Qualifiers: N,D						
			Dilution Factor: 10						
Chromium									
	ND	100	104	ug/L	104		SW846 6010B	03/13-03/14/08	KJD0H1A8
	ND	100	92.7	ug/L	93	12	SW846 6010B	03/13-03/14/08	KJD0H1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	255	ug/L	102		SW846 6010B	03/13-03/14/08	KJD0H1CA
	ND	250	224	ug/L	90	13	SW846 6010B	03/13-03/14/08	KJD0H1CC
			Dilution Factor: 1						
Copper									
	ND	125	130	ug/L	104		SW846 6010B	03/13-03/14/08	KJD0H1CD
	ND	125	115	ug/L	92	12	SW846 6010B	03/13-03/14/08	KJD0H1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	553	ug/L	111		SW846 6010B	03/13-03/14/08	KJD0H1CF
	ND	500	484	ug/L	97	13	SW846 6010B	03/13-03/14/08	KJD0H1CG
			Dilution Factor: 1						
Magnesium									
	31500	25000	64500	ug/L	132		SW846 6010B	03/13-03/14/08	KJD0H1CH
			Qualifiers: N,D						
	31500	25000	59000 D	ug/L	110	8.9	SW846 6010B	03/13-03/14/08	KJD0H1CJ
			Dilution Factor: 2						
Manganese									
	2.7	250	265 D	ug/L	105		SW846 6010B	03/13-03/14/08	KJD0H1CK
	2.7	250	241 D	ug/L	95	9.5	SW846 6010B	03/13-03/14/08	KJD0H1CL
			Dilution Factor: 2						
Nickel									
	ND	250	256	ug/L	102		SW846 6010B	03/13-03/14/08	KJD0H1CM
	ND	250	225	ug/L	90	13	SW846 6010B	03/13-03/14/08	KJD0H1CN
			Dilution Factor: 1						
Potassium									
	6280	25000	33800	ug/L	110		SW846 6010B	03/13-03/19/08	KJD0H1CP
	6280	25000	35400	ug/L	117	4.7	SW846 6010B	03/13-03/19/08	KJD0H1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	28.0	ug/L	112		SW846 6010B	03/13-03/14/08	KJD0H1CR
	ND	25.0	23.6	ug/L	94	17	SW846 6010B	03/13-03/14/08	KJD0H1CT
			Dilution Factor: 1						
Sodium									
	29700	25000	56300	ug/L	107		SW846 6010B	03/13-03/19/08	KJD0H1CU
	29700	25000	57200	ug/L	110	1.6	SW846 6010B	03/13-03/19/08	KJD0H1CV
			Dilution Factor: 1						
Strontium									
	1360	500	1990	ug/L	127		SW846 6010B	03/13-03/17/08	KJD0H1CW
			Qualifiers: N,D						
	1360	500	2140	ug/L	157	7.1	SW846 6010B	03/13-03/17/08	KJD0H1CX
			Qualifiers: N,D						
			Dilution Factor: 10						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL730 **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	ND	250	259	ug/L	104		SW846 6010B	03/13-03/14/08	KJD0H1C0
	ND	250	229	ug/L	91	12	SW846 6010B	03/13-03/14/08	KJD0H1C1
			Dilution Factor: 1						
Zinc									
	22.7	250	302 D	ug/L	112		SW846 6010B	03/13-03/14/08	KJD0H1C2
	22.7	250	280 D	ug/L	103	7.4	SW846 6010B	03/13-03/14/08	KJD0H1C3
			Dilution Factor: 2						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1TJJ9

General Chemistry

Lot-Sample #...: F8C110302-002 **Work Order #...:** KJD0K **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity	**512 D**	**10.0**	**mg/L**	**MCAWW 310.1**	**03/17/08**	**8077214**

Dilution Factor: 2 MDL.....: 1.7

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL730 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		Work Order #: KJP171AA		MB Lot-Sample #:	F8C170000-214	
	ND	5.0	mg/L	MCAWW 310.1	03/17/08	8077214
		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 #...: SL730 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity			Work Order #:	KJP171AC	LCS Lot-Sample#:	F8C170000-214	
	200	203	mg/L	102	MCAWW 310.1	03/17/08	8077214
			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 #...: SL730 **Matrix.....:** WATER
Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity			Work Order #...: KJD0K1A5			MS Lot-Sample #: F8C110302-002		
	512	200	714	mg/L	101	MCAWW 310.1	03/17/08	8077214
			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 #...: F8C070266 **Work Order #...:** KJD0K-SMP KJD0K-DUP **Matrix.....:** WATER

Date Sampled...: 03/09/08 **Date Received..:** 03/11/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	F8C110302-002	
	512 D	518 D	mg/L	1.2	(0-20)	MCAWW 310.1	03/17/08	8077214

Dilution Factor: 2

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.