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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

I08-005

Lot #: F7L070267
SDG #: SL721

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

RECEIVED
JAN 23 2008

January 18, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford Inc.
P.O. Box 1970
Richland, Washington 99352
January 19, 2008
Attention: Steve Trent

SDG	:	SL721
Number of Samples	:	33 samples
Sample Matrix	:	water
Data Deliverable	:	Summary
Date SDG Closed	:	December 21. 2007

II. Introduction

Between between December 7, 2007 and December 18, 2007, thirty-three (33) 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: I08-005, W08-011, I08-007, S08-010, I08-008, W08-012, and G08-012

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.

Volatiles

Batch: 7346566
The D% CCV was outside the Method criteria (greater than 20% D) for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples.

For a large number of analytes in the LCS/LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD. LCS/LCSD recoveries are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.
LCS/LCSD recoveries for Bromomethane and Iodomethane are outside the upper control limit, these analytes are not detected above the reporting limits in the associated samples. The LCS/LCSD RPD for 1-Butanol is outside of the QC limit; the LCS/LCSD recoveries for this analyte are within the QC limits.

MS/MSD recoveries for Bromomethane, 1,4-Dioxane, and Iodomethane are outside the upper control limit, these analytes are not detected above the reporting limits in the associated samples.
MS/MSD RPD for 2-Hexanone and Acetone are outside the QC limit, their recoveries are within the QC limits.

1,4-Dioxane was detected above the reporting limit in the Method Blank. It is not detected above the reporting limit in the associated samples.
Affected Samples:
F7L080121 (1): B1R2R9 F7L080121 (3): B1R2T9
F7L080121 (2): B1R2T3 F7L080122 (1): B1R299

Batch: 7352134
The sample was analyzed at a dilution for Carbon Tetrachloride due to high concentrations that exceeded the calibration range. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:

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January 21, 2008
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F7L080121 (1): B1R2R9

Phenols

Batch: 7348136
The closing CCV recovery was outside the upper QC limit (greater than 15% RSD) for 2,3,4,6-Tetrachlorophenol, 4-Nitrophenol, 2,4-Dinitrophenol, 4,6-dinitro-o-Cresol, Pentachlorophenol, and Dinoseb indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.
The closing CCV recovery for 2,4,6-Tribromophenol surrogate was outside the upper QC limit (greater that 15%D). The samples surrogate recovery associated with this CCV were within QC limits.
Affected Samples:
F7L130107 (1): B1RJ61 F7L130107 (4): B1RHB2
F7L130107 (2): B1RJ73 F7L130107 (6): B1RFJ5

The closing CCV recovery was outside the upper QC limit (greater than 15% RSD) for 2,3,4,6-Tetrachlorophenol and 4,6-dinitro-o-Cresol indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.
Affected Samples:
F7L130136 (1): B1RJC0 F7L130136 (3): B1RJ46
F7L130136 (2): B1RJC1

The 2-Fluorophenol surrogate recovery is outside the upper QC limit, indicating a potential positive bias. There were no target analytes associated with this surrogate observed above the reporting limit in the sample; therefore the sample data was not adversely affected by this excursion.
Affected Samples:
F7L130136 (1): B1RJC0
F7L130136 (2): B1RJC1

The Matrix Spike surrogate recoveries for 2-Fluorophenol and 2,4,6-Tribromophenol and the Matrix Spike Duplicate surrogate recovery for 2,4,6-Tribromophenol are outside acceptance limits. MS/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 MS/MSD and not indicative of the batch.
Affected Samples:
F7L130107 (1): B1RJ61 F7L130136 (1): B1RJC0
F7L130107 (2): B1RJ73 F7L130136 (2): B1RJC1

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F7L130107 (4): B1RHB2
F7L130107 (6): B1RFJ5
F7L130136 (3): B1RJ46

ICP Metals

Batch: 7346291
The concentration of Beryllium in the CCB is greater than 3 times the MDL. The samples associated with this CCB yield concentrations lower than the established reporting limit and therefore are unaffected by the seemingly high bias.
The concentration of Strontium in the CCB is greater than 3 times the MDL. The samples associated with this CCB yield concentrations greater than ten times the result in the CCB.
Affected Samples:
F7L070267 (1): B1R237
F7L070267 (2): B1R238
F7L070269 (1): B1R6J4
F7L070269 (2): B1R6J5
F7L080119 (1): B1R677
F7L080119 (2): B1R678
F7L080123 (1): B1R327
F7L080123 (2): B1R328
F7L080123 (3): B1R367
F7L080123 (4): B1R368
F7L080125 (1): B1R257
F7L080125 (2): B1R258
F7L080125 (3): B1R286
F7L080125 (4): B1R287

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:
F7L070267 (1): B1R237
F7L070267 (2): B1R238
F7L080119 (1): B1R677
F7L080119 (2): B1R678
F7L080125 (4): B1R287

Batch: 7352072
The concentration of Strontium in the ICB/CCB is greater than 3 times the MDL. The samples associated with this ICB/CCB yield concentrations greater than ten times the hit in the ICB/CCB.
Affected Samples:
F7L130135 (1): B1R9L4
F7L130135 (2): B1R9L5
F7L180131 (1): B1R9K7
F7L180131 (2): B1R9K8

Batch: 7353233
The samples were analyzed at a dilution for Sodium due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

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Affected Samples:
F7L180131 (1): B1R9K7
F7L180131 (2): B1R9K8

Ion Chromatography

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Nitrite in batch 7342060 is attributed to matrix interference.
Affected Samples:
F7L070267 (2): B1R238

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Nitrite in batch 7342098 is attributed to matrix interference.
Affected Samples:
F7L080125 (2): B1R258
F7L080125 (4): B1R287

There are no observations or nonconformances for the following methods:

Semi-Volatiles
Mercury
Total Phenol
Sulfide

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:

Mike Franks
St. Louis Project Manager

METHODS SUMMARY

SL721

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chloride	MCAWW 300.0A	MCAWW 300.0A
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Nitrate as NO3	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Phenolics	MCAWW 420.2	MCAWW 420.2
Phenols by GC	SW846 8040A	SW846 3520
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfide	SW846 9030	
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

SL721 : F7L070267

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDN99	001	B1R237	12/06/07	12:26
KDPAC	002	B1R238	12/06/07	12:26

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

SL721 : F7L070269

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDPAF	001	B1R6J4	12/06/07	13:16
KDPAP	002	B1R6J5	12/06/07	13:16

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L080119

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDQ4M	001	B1R677	12/06/07	11:14
KDQ4R	002	B1R678	12/06/07	11:14

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L080121

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDQ4W	001	B1R2R9	12/07/07	12:45
KDQ4X	002	B1R2T3	12/07/07	10:07
KDQ41	003	B1R2T9	12/07/07	11:09

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L080122

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDQ43	001	B1R299	12/07/07	10:07

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L080123

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDQ44	001	B1R327	12/06/07	14:26
KDQ45	002	B1R328	12/06/07	14:26
KDQ47	003	B1R367	12/06/07	12:06
KDQ48	004	B1R368	12/06/07	12:06

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L080125

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDQ5D	001	B1R257	12/07/07	11:20
KDQ5E	002	B1R258	12/07/07	11:20
KDQ5F	003	B1R286	12/07/07	08:51
KDQ5G	004	B1R287	12/07/07	08:51

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L110228

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDW0F	001	B1R2N3	12/10/07	11:53
KDW0R	002	B1R2N4	12/10/07	11:53

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L130107

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD2QH	001	B1RJ61	12/08/07	13:14
KD2QL	002	B1RJ73	12/08/07	11:41
KD2QN	003	B1RHB1	12/08/07	14:33
KD2QP	004	B1RHB2	12/08/07	14:33
KD2QT	005	B1RFJ4	12/08/07	09:20
KD2QV	006	B1RFJ5	12/08/07	09:20

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L130135

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD2XG	001	B1R9L4	12/12/07	12:40
KD2XH	002	B1R9L5	12/12/07	12:40

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L130136

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD2XN	001	B1RJC0	12/12/07	12:46
KD2XQ	002	B1RJC1	12/12/07	12:46
KD2XR	003	B1RJ46	12/12/07	11:20

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL721 : F7L180131

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KEC0D	001	B1R9K7	12/17/07	12:49
KEC0F	002	B1R9K8	12/17/07	12:49

NOTE(S):

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SDG# SL721

FLUOR HANFORD

SL721

CUL 1314

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-005-350

Page 1 of 1

Collector F. H. Hall Fluor Hanfor	Contact/Requester Steve trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. I08-005	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2), NOVEMBER 2007	HNF-N-506-N	Ice Chest No. 007 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7814 5013-5224
Protocol CERCLA	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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R237 (F)		W	12/6/07	1226	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R238		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R238		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool~4C
B1R238		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. H. Hall Fluor Hanford Inc			DEC 06 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			12/07/07 11:15				12/7/07 1115
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	791450135224	**Reference**	007
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 6, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 7, 2007 11:20 AM	**Service type**	Priority Overnight
		Weight	18.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Dec 7, 2007	11:20 AM	**Delivered**	Earth City, MO	
	6:35 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:30 AM	At local FedEx facility	EARTH CITY, MO	
	5:40 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	4:45 AM	Shipment exception	MEMPHIS, TN	Customs paperwork in transit
	4:45 AM	Shipment exception	MEMPHIS, TN	Customs paperwork in transit
	1:00 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 6, 2007	10:26 PM	At local FedEx facility	SPOKANE, WA	
	5:15 PM	Left origin	PASCO, WA	
	4:43 PM	Package data transmitted to FedEx		
	4:12 PM	Picked up	PASCO, WA	

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

Lot #(s): F7L070267, 269, 275

- 1318 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77546, 77608
COC/RFA No: See below
Initiated By: BD
Date: 12/7/07
Time: 1115

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7914 5013 5224
2. 7903 9806 3514
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 3
2. 3
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. I08-005-350, W08-011-3

2. X07-023-2, -17, -18, -31, -29, -36, -32, -30, -24, -23, -25, -26, -28, -27
↓ -29, -22, -20, -21

The following samples were taken on 12/5

BIMVH2
VF8
VJ2
VH4
VG2
VG4
VG6
VG8

Corrective Action:

☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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# 11-1

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-011-3

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA NOVEMBER 2007	HNF-N-506-10	Ice Chest No.: 007 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7914 50135224
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R6J4 (F)		W	12-6-07	1316	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R6J5		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R6J5		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Josh Herrick, Fluor Hanford	DEC 0 6 2007 1400	FedEx	
FedEx	12/07/07 11:15		12/7/07 1115

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791450135224	**Reference**	007
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 6, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 7, 2007 11:20 AM	**Service type**	Priority Overnight
		Weight	18.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Dec 7, 2007	11:20 AM	**Delivered**	Earth City, MO	
	6:35 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:30 AM	At local FedEx facility	EARTH CITY, MO	
	5:40 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	4:45 AM	Shipment exception	MEMPHIS, TN	Customs paperwork in transit
	4:45 AM	Shipment exception	MEMPHIS, TN	Customs paperwork in transit
	1:00 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 6, 2007	10:26 PM	At local FedEx facility	SPOKANE, WA	
	5:15 PM	Left origin	PASCO, WA	
	4:43 PM	Package data transmitted to FedEx		
	4:12 PM	Picked up	PASCO, WA	

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

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Lot #(s): F7L070267, 269, 275

- 1318 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77546, 77608
COC/RFA No: See below
Initiated By: RD
Date: 12/7/07
Time: 1115

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7914 5013 5224
2. 7903 9606 3514
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N
Sample Temperature (s):**
1. 3
2. 3
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. I08-005-350, W08-011-3

2. X07-023-2, -17, -18, -31, -29, -36, -32, -30, -24, -23, -25, -26, -28, -27
↓ -29, -22, -20, -21

The following samples were taken on 12/5

BIMVH2
VF8
VJ2
VH4
VG2
VG4
VG6
VG8

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: 12-11-07 1318

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# 51721

GR 1264

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-011-416

Page 1 of 1

Collector: Fluor Hanford K. B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA NOVEMBER 2007	HWF-W-SOC-11 Pg. 42 34 DRW 12/6/07	Ice Chest No.: GEL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R677 (F)		W	12/6/07	1114	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R678		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R678		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford K. B. HULSE			12-7-07 1430 DEC 06 2007	FED EX			
FED EX			DRW 12/08/07 12/08/07 08:45				12/8/07 8:45

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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Package/Envelope Freight Expedited Office/Print Services
Ship Track Manage Business Solutions

Track Shipments/FedEx Kinko's Orders
Detailed Results

Printable Version Quick Help

Tracking number	790399142066	**Reference**	GEL
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Dec 7, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 8, 2007 8:48 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Dec 8, 2007	8:48 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:24 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
Dec 7, 2007	8:55 PM	At local FedEx facility	SPOKANE, WA	
	5:20 PM	Left origin	PASCO, WA	
	4:05 PM	Picked up	PASCO, WA	
	3:45 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.

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Lot #(s): F7L080119 F7L080125
121
122
123

- 1265 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 12/8/07
Quote No: 77608, 77609, 77586, 77381, 77541 Initiated By: AB Time: 8:45

Shipping Information

Shipper Name: FE
Multiple Packages? Y N
Shipping # (s):*
1. 7903 9914 20666
2.
3.
4.
5.
6.
7.
8.
9.
10.

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# I08-005
W08-011-416
I08-008
S08-010
I08-007
I08-007

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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# SL721

SDG# SL721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-007-31

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: 108-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1 NOVEMBER 2007	HNF-N-506-11	Ice Chest No.: GEL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2R9		W	12/7/07	1245	1x20-mL P	Activity Scan	None
B1R2R9		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

12/7/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			1430 DEC 07 2007	FedEx			
FedEx			12/08/07 08:45				12/8/07 8:45

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

29 OCT 193

SDG# SL721

FLUOR HANFORD

SL 721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-007-39

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1 NOVEMBER 2007	HNF-N-506 5	Ice Chest No.: 6 EL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2T3		W	12-7-07	1007	1x20-mL P	Activity Scan	None
B1R2T3		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 07 2007 1400	FED EX			
Relinquished By: FED EX			12/08/07 08:45	Received By			12/8/07 8:45
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

SDG# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-007-51

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UPL NOVEMBER 2007	HNF-N-506 5	Ice Chest No.: C-EL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2T9		W	12-7-07	1109	1x20-mL P	Activity Scan	None
B1R2T9		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool-4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 07 2007 1100	FED EX			
RD Ex			12/08/07 08:45				12/8/07

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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Package/Envelope Freight Expedited Office/Print Services

Ship Track Manage Business Solutions

Track Shipments/FedEx Kinko's Orders

Detailed Results

Printable Version Quick Help

Tracking number	790399142066	**Reference**	GEL
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Dec 7, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 8, 2007 8:48 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Dec 8, 2007	8:48 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:24 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
Dec 7, 2007	8:55 PM	At local FedEx facility	SPOKANE, WA	
	5:20 PM	Left origin	PASCO, WA	
	4:05 PM	Picked up	PASCO, WA	
	3:45 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.

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- 1265 -

Lot #(s): F7L080119 (121) 122 125 F7L080125

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 12/8/07
Quote No: 77481, 77484, 77586, 77381, 77541 Initiated By: AB Time: 8:45

Shipping Information

Shipper Name: FE
Multiple Packages? Y N
Shipping # (s):*
1. 7903 9914 2066 6 2. 3. 4. 5. 6. 7. 8. 9. 10.

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# I08-005
W08-011
I08-008
S08-010
I08-007-31, 39, 51
I08-007

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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# S1721

FLUOR HANFORD

5L721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-286

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. OCTOBER 2007	HWF - N - 5065	Ice Chest No.: GE1 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R299		W	12-7-07	1007	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R299		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 07 2007 1400	FED EX			DEC 07 2007
FED EX			12/08/07 08:45				12/8/07 8:45

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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Package/Envelope Freight Expedited Office/Print Services

Ship Track Manage Business Solutions

Track Shipments/FedEx Kinko's Orders

Detailed Results

Printable Version Quick Help

Tracking number	790399142066	**Reference**	GEL
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Dec 7, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 8, 2007 8:48 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Dec 8, 2007	8:48 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:24 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
Dec 7, 2007	8:55 PM	At local FedEx facility	SPOKANE, WA	
	5:20 PM	Left origin	PASCO, WA	
	4:05 PM	Picked up	PASCO, WA	
	3:45 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.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L080119 121 122 123 F7L080125

- 1265 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 12/8/07
Quote No: 77408, 77409, 77386, 77381, 77541 Initiated By: AB Time: 8:45

Shipping Information

Shipper Name: FE
Multiple Packages? Y N
Shipping # (s):*
1. 7903 9914 2066 6. 7. 8. 9. 10.
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# I08-005
W08-011
I08-008
S08-010-286
I08-007
I08-007

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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 # SL721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-008-58

Page 1 of 1

Collector: Fluor Hanford K.B. HULSE	Contact/Requester: Steve trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: 108-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 27P1, NOVEMBER 2007	1HWF-N-506-11	Ice Chest No.: GEL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R327 (F)		W	12/6/07	1426	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R328		W	↓	↓	1x20-mL P	Activity Scan	None
B1R328		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford K.B. HULSE	12-7-07 1430	FED EX	
FedEx	12/08/07 08:45	[signature]	8:45 12/8/07

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

SL 07 193

SDG# 51721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-008-114**

Page 1 of 1

Collector Fluor Hanford ~~K. B. HULSE~~	**Contact/Requester** Steve trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I08-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZPL NOVEMBER 2007	HWF-W-506-11	**Ice Chest No.** GEL **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 9914 2066
Protocol CERCLA	**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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R367 (F)		W	12/6/07	1206	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R368		W	↓	↓	1x20-mL P	Activity Scan	None
B1R368		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford K. B. HULSE			DEC 06 2007	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
RD Ex			12/08/07 08:45	Angela Brown			8:45 12/8/07
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

FedEx

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Package/Envelope Freight Expedited Office/Print Services

Ship Track Manage Business Solutions

Track Shipments/FedEx Kinko's Orders

Detailed Results

Printable Version Quick Help

Tracking number	790399142066	**Reference**	GEL
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Dec 7, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 8, 2007 8:48 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Dec 8, 2007	8:48 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:24 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
Dec 7, 2007	8:55 PM	At local FedEx facility	SPOKANE, WA	
	5:20 PM	Left origin	PASCO, WA	
	4:05 PM	Picked up	PASCO, WA	
	3:45 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.

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- 1265 -

Lot #(s): F7L080119, 121, 122, 123 F7L080125

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 12/8/07
Quote No: 77408, 77409, 77386, 77381, 77541 Initiated By: AB Time: 8:45

Shipping Information

Shipper Name: FF
Multiple Packages? Y N
Shipping # (s):*
1. 7903 9914 2066 6. 7. 8. 9. 10.

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# I08-005
W08-011
I08-008-58, 114
S08-010
I08-007
I08-007

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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# SL721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-005-382**

Page 1 of 1

Collector Fluor Hanford ~~D. R. BREWINGTON~~	**Contact/Requester** Steve trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I08-005	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100HR3IAM(1/2), NOVEMBER 2007	Logbook: HNF-N-506-10	**Ice Chest No.** GEL **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 9914 2066
Protocol CERCLA	**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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R257 (F)		W	12/7/07	1120	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R258		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R258		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool~4C
B1R258		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 12/7/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			DEC 07 2007 1330	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time 12/8/07 8:45
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# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-005-416**

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-005	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100HR3IAM(1/2), NOVEMBER 2007	Logbook: HNF-N-506-10	Ice Chest No.: GEL Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 9914 2066
Protocol: CERCLA	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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R286 (F)		W	12/7/07	0851	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R287		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R287		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool~4C
B1R287		W	↓	↓	1x20-mL P	Activity Scan	None

12/7/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford D. R. BREWINGTON	DEC 07 2007 1330	FEDEX	
			12/8/07 8:45

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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Package/Envelope Freight Expedited Office/Print Services

Ship Track Manage Business Solutions

Track Shipments/FedEx Kinko's Orders

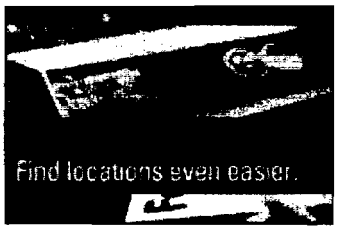
Detailed Results

Printable Version Quick Help

Tracking number	790399142066	**Reference**	GEL
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Dec 7, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 8, 2007 8:48 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature Image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login



Date/Time		Activity	Location	Details
Dec 8, 2007	8:48 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:24 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
Dec 7, 2007	8:55 PM	At local FedEx facility	SPOKANE, WA	
	5:20 PM	Left origin	PASCO, WA	
	4:05 PM	Picked up	PASCO, WA	
	3:45 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.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1265 -

Lot #(s): F7L080119 F7L080125
121
122
125

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 12/8/07
Quote No: 77608, 77609, 77586, 77581, 77541 Initiated By: AB Time: 8:45

Shipping Information

Shipper Name: FE
Multiple Packages: Y (N)
Shipping # (s):*
1. 9903 9914 20666
2.
3.
4.
5.
6.
7.
8.
9.
10.

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# I08-005-382, 416
W08-011
I08-008
S08-010
I08-007
I08-007

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-11-07

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# SL721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-007-7

Page 1 of 1

Collector: Josh Herrick	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1 NOVEMBER 2007	HNF-N-506 5	Ice Chest No.: STL-1 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7918134 47910
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2N3 (F)		W	12-10-07	1153	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1R2N4		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 + Cresol (14) ✓	Cool~4C
B1R2N4		W			1x500-mL G	7470_HG_CVAA: Mercury (1) ✓	HNO3 to pH <2
B1R2N4		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1) ✓	ZnAc+NaOH to pH >9 Cool~4C
B1R2N4		W			1x20-mL P	Activity Scan ✓	None
B1R2N4		W			1x500-mL aG	420.2_PHENOL: Phenol total(1) ✓	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick			DEC 10 2007 1400	FED Ex			
FEDEX			12/11/07 09:45				12/11/07 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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791813447910	**Reference**	STL-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 10, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 11, 2007 9:49 AM	**Service type**	Priority Overnight
		Weight	44.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Dec 11, 2007	9:49 AM	**Delivered**	Earth City, MO	
	7:34 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:29 AM	At local FedEx facility	EARTH CITY, MO	
	6:22 AM	At dest sort facility	BERKELEY, MO	
	5:48 AM	Departed FedEx location	MEMPHIS, TN	
	1:27 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 10, 2007	5:12 PM	Left origin	PASCO, WA	
	4:13 PM	Picked up	PASCO, WA	
	3:46 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

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Lot #(s): F7L110224

- 1326 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 7760
COC/RFA No: see below
Initiated By: M
Date: 12/11/07
Time: 0545

Shipping Information

Shipper Name: FE
Shipping # (s):*

1.	7997 6563 6787	6.	
2.	7918 1344 7910	7.	
3.		8.	
4.		9.	
5.		10.	

Multiple Packages (Y) N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	(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. W08-012-61, 69, 101, 203

2. T08-007-7

* 1 L4 for B1RHB2 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: Date: 12-15-07

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# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-012-61**

Page 1 of 1

Collector F. Hall, Fluor Hanford Inc	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-012	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA DECEMBER 2007	HNF-N-506-11	**Ice Chest No.** SMC-438 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 1997 6563 0787
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RJ61		W	12/8/7	1314	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RJ61		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford Inc			DEC 10 2007 1400	FedEX			
FED EX			12-11-07 09:15				12/11/07 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

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SDG# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-012-69**

Page 1 of 1

Collector F. Hall, Fluor Hanford Inc	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-012	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA DECEMBER 2007	HNF - N - 506 - 11	**Ice Chest No.** 3ML-438 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7997 6563 0787
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RJ73		W	12/8/7	1141	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RJ73		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. Hall, Fluor Hanford Inc			DEC 10 2007 1400	FedEx			
FEDEX			12-11-07 09:45	B. [illegible]			12/11/07 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

SDG# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-012-203

Page 1 of 1

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA DECEMBER 2007	HNF-N-506-70	Ice Chest No.: SML-438 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7997 6563 0787
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RHB1 (F)		W	12-8-07	1433	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RHB2		W	↓	↓	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RHB2		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RHB2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN			DEC 10 2007 1400	FedEX			
FedEx			12-11-07 09:45				12/11/07 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

SDG# SL7 51021

FLUOR HANFORD

5021

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-012-101**

Page 1 of 1

Collector: F. Hall, Fluor Hanford Inc	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA DECEMBER 2007	HHF-N-506-11	Ice Chest No: SML-438 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7997 6873 0787
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RFJ4 (F)		W	12/8/7	0920	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RFJ5		W	↓	↓	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RFJ5		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1RFJ5		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. Hall, Fluor Hanford Inc			DEC 10 2007 1400	FedEx			
FEDEX			12-11-07 09:45	B-[illegible]			12/11/07 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

51 01 193

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799765630787	**Reference**	SML-438
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 10, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 11, 2007 9:49 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Dec 11, 2007	9:49 AM	**Delivered**	Earth City, MO	
	7:46 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:41 AM	At local FedEx facility	EARTH CITY, MO	
	1:27 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 10, 2007	5:12 PM	Left origin	PASCO, WA	
	4:13 PM	Picked up	PASCO, WA	
	2:51 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

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THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L110228
F7L130107

- 1326 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77601, 77929
COC/RFA No: see below
Initiated By:
Date: 12/11/07
Time: 0945

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7997 6563 0787
2. 7918 1344 7910
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
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. W08-012-61, 69, 101, 203

2. 208-007-7

* 1 L4 for BIRHB2 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: Date: 12-15-07

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# SL721

FLUOR HANFORD

5L721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G08-012-48

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: G08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 1NR2-RB, DECEMBER 2007	HNF-N-506 5	Ice Chest No.: GRP-03266 Temp.: 59 deg
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R9L4 (F)		W	12-12-07	1240	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9L5		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9L5		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		DEC 12 2007 1400	FED EX			DEC 12 2007
FED EX			12-13-07 09:15				12/13/07 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

S4 0 5 293

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792614128903	**Reference**	GRP-03-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 12, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 13, 2007 9:14 AM	**Service type**	Priority Overnight
		Weight	59.0 lbs.

Status Delivered

Signature Image available Yes

Date/Time		Activity	Location	Details
Dec 13, 2007	9:14 AM	**Delivered**	Earth City, MO	
	7:15 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:10 AM	At local FedEx facility	EARTH CITY, MO	
	6:03 AM	At dest sort facility	BERKELEY, MO	
	4:32 AM	Departed FedEx location	MEMPHIS, TN	
	3:15 AM	In transit	MEMPHIS, TN	
	1:56 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 12, 2007	11:25 PM	At local FedEx facility	SPOKANE, WA	
	5:04 PM	Left origin	PASCO, WA	
	4:23 PM	Package data transmitted to FedEx		
	4:05 PM	Picked up	PASCO, WA	

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

Lot #(s): FTL130135
136

- 1445 -

Condition Upon Receipt Form

Client: Hayford
Quote No: 77952, 77929
COC/RFA No: W08-012-93, 94, 52, G08-012-48
Initiated By:
Date: 12/13/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7926 1412 8903
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:

G08-012-48

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 12-18-07

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 # SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-012-93

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA DECEMBER 2007	HWF-W-506-10 pg 48	Ice Chest No.: GRP-03-006 Temp.: 59 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 1412 8903
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RJC0		W	12/12/07	1246	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RJC0		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 12 2007 1460	FED EX			12/12/07 1460
FEDEX			12-13-07 09:15				12/13/07 09:5

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

57 01 193

SDG# SL721

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-012-94

Page 1 of 1

Collector D. J. Sparks	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W08-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA DECEMBER 2007	HNF-N-506-10 pg. 48	Ice Chest No. GRP-03-006 Temp. 59 lbs
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RJC1		W	12/12/07	1246	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool-4C
B1RJC1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 12 2007 1400	FED EX			12/12/07 1400 12/14/07
Relinquished By			Date/Time	Received By			Date/Time
FED EX			12-13-07 09:15	[illegible]			12/13/07 09:15
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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SDG# SL721

FLUOR HANFORD

SL721

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-012-52

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, DECEMBER 2007	HNF-N-526-10 pg. 48	Ice Chest No.: GRP-03006 Temp.: 59 Blue
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
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 ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1RJ46		W	12/12/07	1120	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RJ46		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			DEC 12 2007 1400	FED EX			12/12/07 1400
Relinquished By: FED EX			Date/Time: 12-13-07 09:15	Received By: B. [illegible]			Date/Time: 12/13/07 0915
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	792614128903	**Reference**	GRP-03-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Dec 12, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Dec 13, 2007 9:14 AM	**Service type**	Priority Overnight
		Weight	59.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Dec 13, 2007	9:14 AM	**Delivered**	Earth City, MO	
	7:15 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:10 AM	At local FedEx facility	EARTH CITY, MO	
	6:03 AM	At dest sort facility	BERKELEY, MO	
	4:32 AM	Departed FedEx location	MEMPHIS, TN	
	3:15 AM	In transit	MEMPHIS, TN	
	1:56 AM	Arrived at FedEx location	MEMPHIS, TN	
Dec 12, 2007	11:25 PM	At local FedEx facility	SPOKANE, WA	
	5:04 PM	Left origin	PASCO, WA	
	4:23 PM	Package data transmitted to FedEx		
	4:05 PM	Picked up	PASCO, WA	

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

Lot #(s): F7L130135
136

- 1445 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77932, 77929
COC/RFA No: W08-012-93, 94, 52, G08-012-48
Initiated By: DD
Date: 12/13/07
Time: 0914

Shipping Information

Shipper Name: PE

Shipping # (s):*
1. 7926 1412 8903
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[1] 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:

W08-012-93, 94, 52

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: 12-18-07 1445

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# SL721

SDG# SL721

FLUOR HANFORD

SL721 CUK 1434

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G08-012-38

Page 1 of 1

Collector	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: G08-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 1NR2-RB DECEMBER 2007	HNF-N-506-10	Ice Chest No.: ~~Sample~~ 14 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7904063515 43
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R9K7 (F)		W	12/17/07	1249	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9K8		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1R9K8		W	↓	↓	1x20-mL P	Activity Scan	None

12/17/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R.B. FOX			1430	FED EX			
Relinquished By: FED EX			12-18-07 09:20	Received By	Michael Hilyer		12-18-07 0930
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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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L180131

- 1434 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77932
COC/RFA No: 608-012-38
Initiated By: [illegible]
Date: 12-18-07
Time: 0930

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*
1. 7904 0635 1543
2.
3.
4.
5.
6.
7.
8.
9.
10.

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:
608-012-38

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: 12-19-07

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.

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1R2R9

GC/MS Volatiles

Lot-Sample #...: F7L080121-001 **Work Order #...:** KDQ4W1AC **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.14
1,2,3-Trichloropropane	ND	1.0	ug/L	0.24
Acetonitrile	ND	5.0	ug/L	1.5
Acrolein	ND	10	ug/L	0.44
Bromodichloromethane	ND	1.0	ug/L	0.064
Bromoform	ND	1.0	ug/L	0.12
Bromomethane	ND	2.0	ug/L	0.085
Chlorobenzene	ND	1.0	ug/L	0.10
Chloroprene	ND	1.0	ug/L	0.10
Dibromochloromethane	ND	1.0	ug/L	0.11
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.55
Chloroethane	ND	2.0	ug/L	0.10
Chloromethane	ND	2.0	ug/L	0.10
Allyl chloride	ND	2.0	ug/L	0.047
1,2-Dibromoethane	ND	1.0	ug/L	0.13
Dibromomethane	ND	1.0	ug/L	0.12
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.43
Dichlorodifluoromethane	ND	2.0	ug/L	0.045
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,2-Dichloroethene (total)	ND	2.0	ug/L	0.10
1,2-Dichloropropane	ND	1.0	ug/L	0.077
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.050
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	20	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl methacrylate	ND	1.0	ug/L	0.66
Trichlorofluoromethane	ND	1.0	ug/L	0.10
2-Hexanone	ND	5.0	ug/L	1.0
Iodomethane	**2.3**	**2.0**	**ug/L**	**0.13**
Isobutanol	**52 J**	**80**	**ug/L**	**29**
Methacrylonitrile	ND	5.0	ug/L	0.30
Methyl methacrylate	ND	1.0	ug/L	0.84
Styrene	ND	1.0	ug/L	0.10
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.10
Vinyl acetate	ND	2.0	ug/L	0.72
Vinyl chloride	ND	2.0	ug/L	0.044

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1R2R9

GC/MS Volatiles

Lot-Sample #...: F7L080121-001 **Work Order #...:** KDQ4W1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	**1.8**	**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	**5.0**	**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	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	**0.80 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	100	(69 - 119)
Dibromofluoromethane	117	(74 - 134)
1,2-Dichloroethane-d4	84	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R2R9

GC/MS Volatiles

Lot-Sample #: F7L080121-001 **Work Order #:** KDQ4W1AC **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: B1R2R9

GC/MS Volatiles

Lot-Sample #...: F7L080121-001 **Work Order #...:** KDQ4W2AC **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/17/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7352134
Dilution Factor: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**130 D**	**20**	**ug/L**	**2.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	109	(72 - 128)
4-Bromofluorobenzene	107	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R2T3

GC/MS Volatiles

Lot-Sample #...: F7L080121-002 **Work Order #...:** KDQ4X1AC **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.14
1,2,3-Trichloropropane	ND	1.0	ug/L	0.24
Acetonitrile	ND	5.0	ug/L	1.5
Acrolein	ND	10	ug/L	0.44
Bromodichloromethane	ND	1.0	ug/L	0.064
Bromoform	ND	1.0	ug/L	0.12
Bromomethane	ND	2.0	ug/L	0.085
Chlorobenzene	ND	1.0	ug/L	0.10
Chloroprene	ND	1.0	ug/L	0.10
Dibromochloromethane	ND	1.0	ug/L	0.11
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.55
Chloroethane	ND	2.0	ug/L	0.10
Chloromethane	ND	2.0	ug/L	0.10
Allyl chloride	ND	2.0	ug/L	0.047
1,2-Dibromoethane	ND	1.0	ug/L	0.13
Dibromomethane	ND	1.0	ug/L	0.12
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.43
Dichlorodifluoromethane	ND	2.0	ug/L	0.045
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,2-Dichloroethene (total)	ND	2.0	ug/L	0.10
1,2-Dichloropropane	ND	1.0	ug/L	0.077
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.050
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	20	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl methacrylate	ND	1.0	ug/L	0.66
Trichlorofluoromethane	ND	1.0	ug/L	0.10
2-Hexanone	ND	5.0	ug/L	1.0
Iodomethane	ND	2.0	ug/L	0.13
Isobutanol	ND	80	ug/L	29
Methacrylonitrile	ND	5.0	ug/L	0.30
Methyl methacrylate	ND	1.0	ug/L	0.84
Styrene	ND	1.0	ug/L	0.10
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.10
Vinyl acetate	ND	2.0	ug/L	0.72
Vinyl chloride	ND	2.0	ug/L	0.044

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Fluor Hanford Inc

Client Sample ID: B1R2T3

GC/MS Volatiles

Lot-Sample #...: F7L080121-002 **Work Order #...:** KDQ4X1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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	**0.74 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	ND	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	ND	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	95	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	89	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R2T3

GC/MS Volatiles

Lot-Sample #: F7L080121-002 **Work Order #:** KDQ4X1AC **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: B1R2T9

GC/MS Volatiles

Lot-Sample #...: F7L080121-003 **Work Order #...:** KDQ411AC **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.14
1,2,3-Trichloropropane	ND	1.0	ug/L	0.24
Acetonitrile	ND	5.0	ug/L	1.5
Acrolein	ND	10	ug/L	0.44
Bromodichloromethane	ND	1.0	ug/L	0.064
Bromoform	ND	1.0	ug/L	0.12
Bromomethane	ND	2.0	ug/L	0.085
Chlorobenzene	ND	1.0	ug/L	0.10
Chloroprene	ND	1.0	ug/L	0.10
Dibromochloromethane	ND	1.0	ug/L	0.11
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.55
Chloroethane	ND	2.0	ug/L	0.10
Chloromethane	ND	2.0	ug/L	0.10
Allyl chloride	ND	2.0	ug/L	0.047
1,2-Dibromoethane	ND	1.0	ug/L	0.13
Dibromomethane	ND	1.0	ug/L	0.12
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.43
Dichlorodifluoromethane	ND	2.0	ug/L	0.045
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,2-Dichloroethene (total)	ND	2.0	ug/L	0.10
1,2-Dichloropropane	ND	1.0	ug/L	0.077
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.050
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	20	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl methacrylate	ND	1.0	ug/L	0.66
Trichlorofluoromethane	ND	1.0	ug/L	0.10
2-Hexanone	ND	5.0	ug/L	1.0
Iodomethane	ND	2.0	ug/L	0.13
Isobutanol	ND	80	ug/L	29
Methacrylonitrile	ND	5.0	ug/L	0.30
Methyl methacrylate	ND	1.0	ug/L	0.84
Styrene	ND	1.0	ug/L	0.10
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.10
Vinyl acetate	ND	2.0	ug/L	0.72
Vinyl chloride	ND	2.0	ug/L	0.044

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Fluor Hanford Inc

Client Sample ID: B1R2T9

GC/MS Volatiles

Lot-Sample #...: F7L080121-003 **Work Order #...:** KDQ411AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	**0.13 J**	**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	**2.2**	**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	ND	1.0	ug/L	0.10
Carbon tetrachloride	**8.0**	**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	ND	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	99	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	84	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R2T9

GC/MS Volatiles

Lot-Sample #: F7L080121-003 **Work Order #:** KDQ411AC **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: B1R299

GC/MS Volatiles

Lot-Sample #...: F7L080122-001 **Work Order #...:** KDQ431AC **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
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	**0.67 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	ND	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	ND	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	97	(69 - 119)
Dibromofluoromethane	85	(74 - 134)
1,2-Dichloroethane-d4	84	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R299

GC/MS Volatiles

Lot-Sample #: F7L080122-001 **Work Order #:** KDQ431AC **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 #...: SL721 **Work Order #...:** KD14Q1AA **Matrix.....:** WATER
MB Lot-Sample #: F7L120000-566

Prep Date.....: 12/10/07
Analysis Date..: 12/10/07 **Prep Batch #...:** 7346566
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	**86**	**20**	**ug/L**	**SW846 8260B**
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetonitrile	ND	5.0	ug/L	SW846 8260B
Acrolein	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Allyl chloride	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isobutanol	ND	80	ug/L	SW846 8260B
Methacrylonitrile	ND	5.0	ug/L	SW846 8260B
Methyl methacrylate	ND	1.0	ug/L	SW846 8260B
Styrene	**0.43 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KD14Q1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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	97	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	85	(72 - 128)
4-Bromofluorobenzene	93	(71 - 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 #: F7L120000-566 B **Work Order #:** KD14Q1AA **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 #...: SL721 **Work Order #...:** KECVR1AA **Matrix.....:** WATER
MB Lot-Sample #: F7L180000-134
Prep Date.....: 12/17/07
Analysis Date..: 12/17/07 **Prep Batch #...:** 7352134
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(69 - 119)
Dibromofluoromethane	108	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	111	(71 - 115)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KD14Q1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L120000-566 KD14Q1AD-LCSD
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	10.0	8.10 a	ug/L	81		SW846 8260B
	10.0	7.98 a	ug/L	80	1.5	SW846 8260B
Dibromochloromethane	10.0	9.41	ug/L	94		SW846 8260B
	10.0	9.31	ug/L	93	1.1	SW846 8260B
Chloromethane	10.0	7.33	ug/L	73		SW846 8260B
	10.0	8.12	ug/L	81	10	SW846 8260B
Bromomethane	10.0	35.1 a	ug/L	351		SW846 8260B
	10.0	37.6 a	ug/L	376	7.0	SW846 8260B
Chloroethane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	12.5	ug/L	125	15	SW846 8260B
1,1-Dichloroethene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.3	ug/L	103	2.4	SW846 8260B
1,2-Dichloroethene (total)	20.0	20.0	ug/L	100		SW846 8260B
	20.0	20.5	ug/L	103	2.6	SW846 8260B
1,2-Dichloropropane	10.0	9.50	ug/L	95		SW846 8260B
	10.0	9.64	ug/L	96	1.4	SW846 8260B
Bromodichloromethane	10.0	9.20	ug/L	92		SW846 8260B
	10.0	9.46	ug/L	95	2.8	SW846 8260B
trans-1,3-Dichloropropene	10.0	8.90	ug/L	89		SW846 8260B
	10.0	9.02	ug/L	90	1.4	SW846 8260B
2-Hexanone	10.0	8.16	ug/L	82		SW846 8260B
	10.0	8.14	ug/L	81	0.33	SW846 8260B
Chlorobenzene	10.0	9.25	ug/L	92		SW846 8260B
	10.0	9.21	ug/L	92	0.44	SW846 8260B
Bromoform	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.3	ug/L	103	1.1	SW846 8260B
Ethylbenzene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	0.78	SW846 8260B
Styrene	10.0	9.85	ug/L	98		SW846 8260B
	10.0	9.63	ug/L	96	2.3	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.69	ug/L	97		SW846 8260B
	10.0	9.56	ug/L	96	1.4	SW846 8260B
Allyl chloride	10.0	9.96	ug/L	100		SW846 8260B
	10.0	10.0	ug/L	100	0.94	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.78	ug/L	98		SW846 8260B
	10.0	11.4	ug/L	114	15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KD14Q1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L120000-566 KD14Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dibromoethane	10.0	8.64	ug/L	86		SW846 8260B
	10.0	8.72	ug/L	87	1.0	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	10.4	ug/L	104	3.7	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	9.30	ug/L	93		SW846 8260B
	10.0	10.4	ug/L	104	12	SW846 8260B
Ethyl methacrylate	10.0	9.47	ug/L	95		SW846 8260B
	10.0	9.48	ug/L	95	0.12	SW846 8260B
Methyl methacrylate	10.0	8.28	ug/L	83		SW846 8260B
	10.0	9.04	ug/L	90	8.8	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.57	ug/L	96	1.3	SW846 8260B
Trichlorofluoromethane	10.0	8.81	ug/L	88		SW846 8260B
	10.0	9.96	ug/L	100	12	SW846 8260B
Acetonitrile	50.0	39.0	ug/L	78		SW846 8260B
	50.0	43.4	ug/L	87	11	SW846 8260B
Iodomethane	10.0	23.0 a	ug/L	230		SW846 8260B
	10.0	25.1 a	ug/L	251	8.4	SW846 8260B
Vinyl acetate	10.0	12.6	ug/L	126		SW846 8260B
	10.0	13.4	ug/L	134	6.8	SW846 8260B
Acrolein	50.0	50.0	ug/L	100		SW846 8260B
	50.0	48.4	ug/L	97	3.2	SW846 8260B
Isobutanol	200	171	ug/L	85		SW846 8260B
	200	158	ug/L	79	7.9	SW846 8260B
Methacrylonitrile	50.0	40.6	ug/L	81		SW846 8260B
	50.0	44.8	ug/L	90	9.7	SW846 8260B
1,4-Dioxane	200	214	ug/L	107		SW846 8260B
	200	220	ug/L	110	2.8	SW846 8260B
Chloroprene	10.0	9.59	ug/L	96		SW846 8260B
	10.0	9.74	ug/L	97	1.5	SW846 8260B
Vinyl chloride	10.0	9.06	ug/L	91		SW846 8260B
	10.0	10.0	ug/L	100	10	SW846 8260B
Acetone	10.0	6.23	ug/L	62		SW846 8260B
	10.0	6.19	ug/L	62	0.67	SW846 8260B
Methylene chloride	10.0	9.11	ug/L	91		SW846 8260B
	10.0	9.25	ug/L	92	1.5	SW846 8260B
Carbon disulfide	10.0	9.33	ug/L	93		SW846 8260B
	10.0	9.55	ug/L	95	2.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KD14Q1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L120000-566 KD14Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethane	10.0	9.72	ug/L	97		SW846 8260B
	10.0	10.1	ug/L	101	3.8	SW846 8260B
2-Butanone	10.0	8.28	ug/L	83		SW846 8260B
	10.0	8.41	ug/L	84	1.5	SW846 8260B
Chloroform	10.0	9.63	ug/L	96		SW846 8260B
	10.0	9.88	ug/L	99	2.5	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.85	ug/L	99		SW846 8260B
	10.0	10.3	ug/L	103	4.6	SW846 8260B
Propionitrile	50.0	39.2	ug/L	78		SW846 8260B
	50.0	43.0	ug/L	86	9.2	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.68	SW846 8260B
1,1,1-Trichloroethane	10.0	9.81	ug/L	98		SW846 8260B
	10.0	10.1	ug/L	101	3.3	SW846 8260B
Carbon tetrachloride	10.0	9.06	ug/L	91		SW846 8260B
	10.0	9.07	ug/L	91	0.21	SW846 8260B
1,2-Dichloroethane	10.0	8.68	ug/L	87		SW846 8260B
	10.0	8.79	ug/L	88	1.2	SW846 8260B
Benzene	10.0	9.56	ug/L	96		SW846 8260B
	10.0	9.84	ug/L	98	2.9	SW846 8260B
Trichloroethene	10.0	9.64	ug/L	96		SW846 8260B
	10.0	9.87	ug/L	99	2.3	SW846 8260B
4-Methyl-2-pentanone	10.0	9.23	ug/L	92		SW846 8260B
	10.0	9.44	ug/L	94	2.3	SW846 8260B
1,1,2-Trichloroethane	10.0	9.03	ug/L	90		SW846 8260B
	10.0	9.25	ug/L	93	2.4	SW846 8260B
Tetrachloroethene	10.0	9.30	ug/L	93		SW846 8260B
	10.0	9.26	ug/L	93	0.42	SW846 8260B
Tetrahydrofuran	50.0	39.5	ug/L	79		SW846 8260B
	50.0	40.9	ug/L	82	3.6	SW846 8260B
1,4-Dichlorobenzene	10.0	9.26	ug/L	93		SW846 8260B
	10.0	9.42	ug/L	94	1.7	SW846 8260B
1-Butanol	100	86.1	ug/L	86		SW846 8260B
	100	106 p	ug/L	106	21	SW846 8260B
Toluene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.1	ug/L	101	0.29	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(85 - 121)
	97	(85 - 121)
Dibromofluoromethane	94	(84 - 117)
	92	(84 - 117)
1,2-Dichloroethane-d4	81	(72 - 124)
	83	(72 - 124)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KD14Q1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L120000-566 KD14Q1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	89	(80 - 121)
	87	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KECVR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L180000-134 KECVR1AD-LCSD
Prep Date.....: 12/17/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7352134
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Carbon tetrachloride	**10.0**	**9.92**	**ug/L**	**99**		**SW846 8260B**
	10.0	**9.60**	**ug/L**	**96**	**3.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(85 - 121)
	106	(85 - 121)
Dibromofluoromethane	104	(84 - 117)
	104	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
	105	(72 - 124)
4-Bromofluorobenzene	107	(80 - 121)
	106	(80 - 121)

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 #...: SL721 **Work Order #...:** KDQ4W1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L080121-001 KDQ4W1AE-MSD
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7346566
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	8.16	ug/L	82		SW846 8260B
	ND	10.0	8.83	ug/L	88	7.9	SW846 8260B
Chloromethane	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	4.6	SW846 8260B
Bromomethane	ND	10.0	41.4	ug/L	414 a		SW846 8260B
	ND	10.0	48.3	ug/L	483 a	15	SW846 8260B
Chloroethane	ND	10.0	13.0	ug/L	130		SW846 8260B
	ND	10.0	13.4	ug/L	134	3.6	SW846 8260B
1,1-Dichloroethene	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	11.9	ug/L	119	1.4	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	22.8	ug/L	114		SW846 8260B
	ND	20.0	23.2	ug/L	116	2.0	SW846 8260B
1,2-Dichloropropane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.4	ug/L	114	0.96	SW846 8260B
Bromodichloromethane	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.89	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	9.57	ug/L	96	3.1	SW846 8260B
2-Hexanone	ND	10.0	8.73	ug/L	87		SW846 8260B
	ND	10.0	11.7	ug/L	117 p	29	SW846 8260B
Chlorobenzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.9	SW846 8260B
Bromoform	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.1	SW846 8260B
Ethylbenzene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.3	ug/L	113	1.2	SW846 8260B
Styrene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.0	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.0	SW846 8260B
Dibromochloromethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.94	ug/L	99	2.4	SW846 8260B
Allyl chloride	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	12.4	ug/L	124	5.1	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	10.9	ug/L	109	14	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KDQ4W1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L080121-001 KDQ4W1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	8.58	ug/L	86		SW846 8260B
	ND	10.0	9.16	ug/L	92	6.6	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	9.51	ug/L	95		SW846 8260B
	ND	10.0	9.42	ug/L	94	0.87	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	11.8	ug/L	118	0.16	SW846 8260B
Ethyl methacrylate	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.78	ug/L	98	2.7	SW846 8260B
Methyl methacrylate	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	9.91	ug/L	99	9.7	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.8	ug/L	108	3.3	SW846 8260B
Trichlorofluoromethane	ND	10.0	11.5	ug/L	115		SW846 8260B
	ND	10.0	11.5	ug/L	115	0.69	SW846 8260B
Acetonitrile	ND	50.0	51.0	ug/L	102		SW846 8260B
	ND	50.0	46.4	ug/L	93	9.5	SW846 8260B
Iodomethane	2.3	10.0	42.5	ug/L	402 a		SW846 8260B
	2.3	10.0	37.4	ug/L	351 a	13	SW846 8260B
Vinyl acetate	ND	10.0	14.1	ug/L	141		SW846 8260B
	ND	10.0	14.8	ug/L	148	4.5	SW846 8260B
Acrolein	ND	50.0	67.1	ug/L	134		SW846 8260B
	ND	50.0	60.0	ug/L	120	11	SW846 8260B
Isobutanol	52	200	306	ug/L	127		SW846 8260B
	52	200	304	ug/L	126	0.62	SW846 8260B
Methacrylonitrile	ND	50.0	47.6	ug/L	95		SW846 8260B
	ND	50.0	49.9	ug/L	100	4.7	SW846 8260B
1,4-Dioxane	ND	200	335	ug/L	167 a		SW846 8260B
	ND	200	288	ug/L	144	15	SW846 8260B
Chloroprene	ND	10.0	9.85	ug/L	99		SW846 8260B
	ND	10.0	10.1	ug/L	101	2.6	SW846 8260B
Vinyl chloride	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	12.3	ug/L	123	4.4	SW846 8260B
Acetone	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	7.18	ug/L	72 p	45	SW846 8260B
Methylene chloride	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	11.1	ug/L	111	7.2	SW846 8260B
Carbon disulfide	1.8	10.0	12.3	ug/L	105		SW846 8260B
	1.8	10.0	12.1	ug/L	103	1.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KDQ4W1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L080121-001 KDQ4W1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	12.1	ug/L	121	1.4	SW846 8260B
2-Butanone	ND	10.0	8.65	ug/L	86		SW846 8260B
	ND	10.0	9.65	ug/L	97	11	SW846 8260B
Chloroform	5.0	10.0	17.4	ug/L	124		SW846 8260B
	5.0	10.0	16.5	ug/L	115	5.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.6	ug/L	116	4.1	SW846 8260B
Propionitrile	ND	50.0	50.6	ug/L	101		SW846 8260B
	ND	50.0	47.4	ug/L	95	6.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.7	ug/L	117	0.17	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	13.0	ug/L	130		SW846 8260B
	ND	10.0	12.9	ug/L	129	1.0	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.8	ug/L	108	5.0	SW846 8260B
Benzene	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.6	ug/L	116	0.0	SW846 8260B
Trichloroethene	0.80	10.0	12.7	ug/L	119		SW846 8260B
	0.80	10.0	12.4	ug/L	116	2.3	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.82	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.29	SW846 8260B
Tetrachloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.4	ug/L	104	2.1	SW846 8260B
Tetrahydrofuran	ND	50.0	60.4	ug/L	121		SW846 8260B
	ND	50.0	58.3	ug/L	117	3.5	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.3	SW846 8260B
1-Butanol	ND	100	97.6	ug/L	98		SW846 8260B
	ND	100	112	ug/L	112	14	SW846 8260B
Toluene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.3	ug/L	113	1.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(69 - 119)
	94	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
	121	(74 - 134)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL721 **Work Order #...:** KDQ4W1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L080121-001 KDQ4W1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(72 - 128)
	90	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)
	86	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1R2N4

GC/MS Semivolatiles

Lot-Sample #...: F7L110228-002 **Work Order #...:** KDW0R1AD **Matrix.....:** WATER
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07
Prep Date.....: 12/12/07 **Analysis Date..:** 01/07/08
Prep Batch #...: 7346132
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.2
Cresols (total)	ND	20	ug/L	3.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(26 - 74)
Phenol-d5	21	(18 - 86)
Nitrobenzene-d5	62	(39 - 94)
2-Fluorobiphenyl	65	(42 - 95)
2,4,6-Tribromophenol	60	(49 - 96)
Terphenyl-d14	79	(31 - 104)

Fluor Hanford Inc

B1R2N4

GC/MS Semivolatiles

Lot-Sample #: F7L110228-002 **Work Order #:** KDW0R1AD **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 Semivolatiles

Client Lot #...: SL721 **Work Order #...:** KDX7W1AA **Matrix.....:** WATER
MB Lot-Sample #: F7L120000-132
Prep Date.....: 12/12/07
Analysis Date..: 01/07/08 **Prep Batch #...:** 7346132
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(26 - 74)
Phenol-d5	23	(18 - 86)
Nitrobenzene-d5	54	(39 - 94)
2-Fluorobiphenyl	56	(42 - 95)
2,4,6-Tribromophenol	56	(49 - 96)
Terphenyl-d14	76	(31 - 104)

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 #: F7L120000-132 B **Work Order #:** KDX7W1AA **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 Semivolatiles

Client Lot #...: SL721 **Work Order #...:** KDX7W1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7L120000-132
Prep Date.....: 12/12/07 **Analysis Date..:** 01/07/08
Prep Batch #...: 7346132
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	**100**	**51.8**	**ug/L**	**52**	**SW846 8270C**
Phenol	**100**	**23.3**	**ug/L**	**23**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**48.7**	**ug/L**	**49**	**SW846 8270C**
2-Methylphenol	**100**	**50.1**	**ug/L**	**50**	**SW846 8270C**
2-Nitrophenol	**100**	**59.7**	**ug/L**	**60**	**SW846 8270C**
2,4-Dichlorophenol	**100**	**60.2**	**ug/L**	**60**	**SW846 8270C**
Naphthalene	**100**	**54.5**	**ug/L**	**54**	**SW846 8270C**
Pentachlorophenol	**100**	**47.9**	**ug/L**	**48**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**100**	**62.7**	**ug/L**	**63**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	37	(26 - 67)
Phenol-d5	24	(19 - 45)
Nitrobenzene-d5	57	(45 - 96)
2-Fluorobiphenyl	63	(50 - 100)
2,4,6-Tribromophenol	63	(55 - 103)
Terphenyl-d14	73	(40 - 106)

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 #...: SL721 **Work Order #...:** KDW0R1AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L110228-002 KDW0R1AH-MSD
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07
Prep Date.....: 12/12/07 **Analysis Date..:** 01/08/08
Prep Batch #...: 7346132
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Methylphenol & 4-Methylphenol	**ND**	**95.0**	**51.5**	**ug/L**	**54**		**SW846 8270C**
	ND	**94.7**	**54.4**	**ug/L**	**57**	**5.5**	**SW846 8270C**
Phenol	**ND**	**95.0**	**21.8**	**ug/L**	**23**		**SW846 8270C**
	ND	**94.7**	**22.8**	**ug/L**	**24**	**4.3**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**95.0**	**54.1**	**ug/L**	**57**		**SW846 8270C**
	ND	**94.7**	**57.5**	**ug/L**	**61**	**6.0**	**SW846 8270C**
2-Methylphenol	**ND**	**95.0**	**50.3**	**ug/L**	**53**		**SW846 8270C**
	ND	**94.7**	**53.4**	**ug/L**	**56**	**6.0**	**SW846 8270C**
2-Nitrophenol	**ND**	**95.0**	**62.9**	**ug/L**	**66**		**SW846 8270C**
	ND	**94.7**	**66.7**	**ug/L**	**70**	**5.8**	**SW846 8270C**
2,4-Dichlorophenol	**ND**	**95.0**	**63.7**	**ug/L**	**67**		**SW846 8270C**
	ND	**94.7**	**66.1**	**ug/L**	**70**	**3.7**	**SW846 8270C**
Naphthalene	**ND**	**95.0**	**58.9**	**ug/L**	**62**		**SW846 8270C**
	ND	**94.7**	**61.7**	**ug/L**	**65**	**4.7**	**SW846 8270C**
Pentachlorophenol	**ND**	**95.0**	**49.2**	**ug/L**	**52**		**SW846 8270C**
	ND	**94.7**	**53.2**	**ug/L**	**56**	**7.7**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**ND**	**95.0**	**66.0**	**ug/L**	**69**		**SW846 8270C**
	ND	**94.7**	**69.0**	**ug/L**	**73**	**4.5**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	38	(26 - 74)
	39	(26 - 74)
Phenol-d5	23	(18 - 86)
	25	(18 - 86)
Nitrobenzene-d5	64	(39 - 94)
	66	(39 - 94)
2-Fluorobiphenyl	70	(42 - 95)
	72	(42 - 95)
2,4,6-Tribromophenol	70	(49 - 96)
	72	(49 - 96)
Terphenyl-d14	81	(31 - 104)
	82	(31 - 104)

NOTE(S):

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

Bold print denotes control parameters

PHENOLS BY GC

Fluor Hanford Inc

Client Sample ID: B1RJ61

GC Semivolatiles

Lot-Sample #...: F7L130107-001 **Work Order #...:** KD2QH1AC **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
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	96	(44 - 110)
2-Fluorophenol	87	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RJ73

GC Semivolatiles

Lot-Sample #...: F7L130107-002 **Work Order #...:** KD2QL1AC **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
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	100	(44 - 110)
2-Fluorophenol	88	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RHB2

GC Semivolatiles

Lot-Sample #...: F7L130107-004 **Work Order #...:** KD2QP1AC **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
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	96	(44 - 110)
2-Fluorophenol	90	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RFJ5

GC Semivolatiles

Lot-Sample #...: F7L130107-006 **Work Order #...:** KD2QV1AC **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
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	98	(44 - 110)
2-Fluorophenol	91	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RJC0

GC Semivolatiles

Lot-Sample #...: F7L130136-001 **Work Order #...:** KD2XN1AC **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7348136
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	98	(44 - 110)
2-Fluorophenol	99 *	(37 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1RJC1

GC Semivolatiles

Lot-Sample #...: F7L130136-002 **Work Order #...:** KD2XQ1AC **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7348136
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	108	(44 - 110)
2-Fluorophenol	103 *	(37 - 96)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1RJ46

GC Semivolatiles

Lot-Sample #...: F7L130136-003 **Work Order #...:** KD2XR1AC **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7348136
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	101	(44 - 110)
2-Fluorophenol	91	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL721 **Work Order #...:** KD65A1AA **Matrix.....:** WATER
MB Lot-Sample #: F7L140000-136

Prep Date.....: 12/14/07
Analysis Date..: 12/19/07 **Prep Batch #...:** 7348136
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-Trichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichlorophenol	ND	5.0	ug/L	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	95	(44 - 110)
2-Fluorophenol	94	(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 #...: SL721 **Work Order #...:** KD65A1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7L140000-136
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**100**	**86.4**	**ug/L**	**86**	**SW846 8040A**
4-Chloro-3-methylphenol	**100**	**86.8**	**ug/L**	**87**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**100**	**87.4**	**ug/L**	**87**	**SW846 8040A**
2-Methylphenol	**100**	**87.2**	**ug/L**	**87**	**SW846 8040A**
2,4-Dichlorophenol	**100**	**85.1**	**ug/L**	**85**	**SW846 8040A**
2,6-Dichlorophenol	**100**	**87.2**	**ug/L**	**87**	**SW846 8040A**
2,4-Dimethylphenol	**100**	**85.5**	**ug/L**	**86**	**SW846 8040A**
2,4-Dinitrophenol	**100**	**88.0**	**ug/L**	**88**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**100**	**97.7**	**ug/L**	**98**	**SW846 8040A**
Dinoseb	**100**	**105**	**ug/L**	**105**	**SW846 8040A**
2-Nitrophenol	**100**	**88.6**	**ug/L**	**89**	**SW846 8040A**
4-Nitrophenol	**100**	**96.0**	**ug/L**	**96**	**SW846 8040A**
Pentachlorophenol	**100**	**97.2**	**ug/L**	**97**	**SW846 8040A**
Phenol	**100**	**86.7**	**ug/L**	**87**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**100**	**101**	**ug/L**	**101**	**SW846 8040A**
2,4,5-Trichlorophenol	**100**	**85.7**	**ug/L**	**86**	**SW846 8040A**
2,4,6-Trichlorophenol	**100**	**87.0**	**ug/L**	**87**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	102	(50 - 107)
2-Fluorophenol	89	(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 #...: SL721 **Work Order #...:** KD2QH1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L130107-001 KD2QH1AE-MSD
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7348136
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	94.9	91.2	ug/L	96		SW846 8040A
	ND	94.8	89.1	ug/L	94	2.4	SW846 8040A
4-Chloro-3-methylphenol	ND	94.9	92.2	ug/L	97		SW846 8040A
	ND	94.8	91.3	ug/L	96	1.0	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	94.9	92.4	ug/L	97		SW846 8040A
	ND	94.8	90.9	ug/L	96	1.6	SW846 8040A
2-Methylphenol	ND	94.9	91.5	ug/L	96		SW846 8040A
	ND	94.8	89.8	ug/L	95	1.9	SW846 8040A
2,4-Dichlorophenol	ND	94.9	90.4	ug/L	95		SW846 8040A
	ND	94.8	89.6	ug/L	95	0.87	SW846 8040A
2,6-Dichlorophenol	ND	94.9	92.5	ug/L	97		SW846 8040A
	ND	94.8	91.0	ug/L	96	1.6	SW846 8040A
2,4-Dimethylphenol	ND	94.9	89.0	ug/L	94		SW846 8040A
	ND	94.8	87.5	ug/L	92	1.6	SW846 8040A
2,4-Dinitrophenol	ND	94.9	94.4	ug/L	99		SW846 8040A
	ND	94.8	93.9	ug/L	99	0.56	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	94.9	107	ug/L	112		SW846 8040A
	ND	94.8	106	ug/L	112	0.56	SW846 8040A
Dinoseb	ND	94.9	114	ug/L	121		SW846 8040A
	ND	94.8	115	ug/L	121	0.34	SW846 8040A
2-Nitrophenol	ND	94.9	94.8	ug/L	100		SW846 8040A
	ND	94.8	93.0	ug/L	98	2.0	SW846 8040A
4-Nitrophenol	ND	94.9	104	ug/L	110		SW846 8040A
	ND	94.8	104	ug/L	110	0.38	SW846 8040A
Pentachlorophenol	ND	94.9	103	ug/L	109		SW846 8040A
	ND	94.8	104	ug/L	109	0.09	SW846 8040A
Phenol	ND	94.9	91.4	ug/L	96		SW846 8040A
	ND	94.8	89.4	ug/L	94	2.2	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	94.9	114	ug/L	120		SW846 8040A
	ND	94.8	113	ug/L	119	0.79	SW846 8040A
2,4,5-Trichloro-phenol	ND	94.9	91.6	ug/L	97		SW846 8040A
	ND	94.8	91.0	ug/L	96	0.73	SW846 8040A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL721 **Work Order #...:** KD2QH1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L130107-001 KD2QH1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**94.9**	**92.9**	**ug/L**	**98**		**SW846 8040A**
	ND	**94.8**	**91.8**	**ug/L**	**97**	**1.2**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	115 *	(44 - 110)
	111 *	(44 - 110)
2-Fluorophenol	98 *	(37 - 96)
	94	(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: B1R237

DISSOLVED Metals

Lot-Sample #...: F7L070267-001 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**42.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDN991AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**52500 D**	**10000**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDN991AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**8.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDN991AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDN991AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDN991AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**3.1 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDN991AM**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3510 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDN991AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDN991AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R237

DISSOLVED Metals

Lot-Sample #...: F7L070267-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDN991AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**320 D**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDN991AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**6.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDN991AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDN991AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R238

TOTAL Metals

Lot-Sample #...: F7L070267-002 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**43.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**53800 D**	**10000**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDPAC1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**12.6**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**88.0 B**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12900**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**2.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AN**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2630 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAC1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAC1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R238

TOTAL Metals

Lot-Sample #...: F7L070267-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**13200**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAC1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**324 D**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDPAC1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**6.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAC1AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	**56.2**	**20.0**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAC1AW**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R6J4

DISSOLVED Metals

Lot-Sample #...: F7L070269-001 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**62.0 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**44000**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**19.7**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	**4.7 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AJ**
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**7960**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4040 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAF1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAF1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R6J4

DISSOLVED Metals

Lot-Sample #...: F7L070269-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22600**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAF1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**235**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**6.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAF1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDPAF1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R6J5

TOTAL Metals

Lot-Sample #...: F7L070269-002 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**61.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**43500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**19.6**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	**4.8 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AK**
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**7880**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AN
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4880 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAP1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDPAP1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R6J5

TOTAL Metals

Lot-Sample #...: F7L070269-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22300**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDPAP1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**231**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**6.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDPAP1AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDPAP1AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R677

DISSOLVED Metals

Lot-Sample #...: F7L080119-001 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**92.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**74300 D**	**10000**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ4M1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**5.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**21800**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**2.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AM**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	**20.2 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AN**
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5000**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ4M1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4M1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R677

DISSOLVED Metals

Lot-Sample #...: F7L080119-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**35300**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ4M1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**326 D**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ4M1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**17.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4M1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ4M1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R678

TOTAL Metals

Lot-Sample #...: F7L080119-002 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**96.7 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**75800 D**	**10000**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ4R1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**14.8**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**101**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**22500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**5.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AN**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	**23.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AP**
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5870**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ4R1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ4R1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R678

TOTAL Metals

Lot-Sample #...: F7L080119-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**33800**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ4R1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**333 D**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ4R1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ4R1AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ4R1AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R327

DISSOLVED Metals

Lot-Sample #...: F7L080123-001 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**40500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**3.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**13200**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**3.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AM**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	**5.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AN**
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2290 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ441AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ441AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R327

DISSOLVED Metals

Lot-Sample #...: F7L080123-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ441AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**188**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**21.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ441AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ441AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R328

TOTAL Metals

Lot-Sample #...: F7L080123-002 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**71.0 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**42500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**6.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**312**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**9.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AN**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	**5.5 B**	**40.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AP**
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4550 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ451AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ451AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R328

TOTAL Metals

Lot-Sample #...: F7L080123-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ451AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**195**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**22.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ451AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	**32.3**	**20.0**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ451AW**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R367

DISSOLVED Metals

Lot-Sample #...: F7L080123-003 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**47.4 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**42500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3420 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ471AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ471AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R367

DISSOLVED Metals

Lot-Sample #...: F7L080123-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12600**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ471AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**178**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**22.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ471AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ471AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R368

TOTAL Metals

Lot-Sample #...: F7L080123-004 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**47.3 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**42500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AN
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3300 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ481AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ481AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R368

TOTAL Metals

Lot-Sample #...: F7L080123-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12200**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ481AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**178**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**23.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ481AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ481AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R257

DISSOLVED Metals

Lot-Sample #...: F7L080125-001 **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**37.7 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**30800**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**7.3 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**76.0 B**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5390**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5D1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5D1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R257

DISSOLVED Metals

Lot-Sample #...: F7L080125-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20000**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5D1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**244**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**20.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5D1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ5D1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R258

TOTAL Metals

Lot-Sample #...: F7L080125-002 **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**40.9 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**33700**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**9.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**13400**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AN
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2820 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5E1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5E1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R258

TOTAL Metals

Lot-Sample #...: F7L080125-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22100**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5E1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**267**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**21.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5E1AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ5E1AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R286

DISSOLVED Metals

Lot-Sample #...: F7L080125-003 **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**89.2 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**49800**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5F1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**31.7**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5F1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**11500**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5F1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4570 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5F1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R286

DISSOLVED Metals

Lot-Sample #...: F7L080125-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**11300**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5F1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**251**	**50.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5F1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5F1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ5F1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R287

TOTAL Metals

Lot-Sample #...: F7L080125-004 **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**91.0 B**	**200**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5G1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**51100 D**	**10000**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ5G1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**34.3**	**10.0**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5G1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**1130**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5G1AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**11700**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/20/07**	**KDQ5G1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AN
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2440 B**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5G1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R287

TOTAL Metals

Lot-Sample #...: F7L080125-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**11200**	**5000**	**ug/L**	**SW846 6010B**	**12/12-12/18/07**	**KDQ5G1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**258 D**	**100**	**ug/L**	**SW846 6010B**	**12/12-12/21/07**	**KDQ5G1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KDQ5G1AV
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/18/07	KDQ5G1AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R2N3

DISSOLVED Metals

Lot-Sample #...: F7L110228-001 **Matrix.....:** WATER
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362075						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KDW0F1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1R2N4

TOTAL Metals

Lot-Sample #...: F7L110228-002 **Matrix.....:** WATER
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362078						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KDW0R1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RHB1

DISSOLVED Metals

Lot-Sample #...: F7L130107-003 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362075						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KD2QN1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RHB2

TOTAL Metals

Lot-Sample #...: F7L130107-004 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362078						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KD2QP1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RFJ4

DISSOLVED Metals

Lot-Sample #...: F7L130107-005 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362075						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KD2QT1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RFJ5

TOTAL Metals

Lot-Sample #...: F7L130107-006 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7362078						
Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KD2QV1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1R9L4

DISSOLVED Metals

Lot-Sample #...: F7L130135-001 **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352072						
Antimony	ND	60.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**9.1 B**	**200**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**8360**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**2.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	**2.5 B**	**25.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AJ**
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**1730 B**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**3.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AM**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3210 B**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/26/07**	**KD2XG1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XG1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9L4

DISSOLVED Metals

Lot-Sample #...: F7L130135-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**63200**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/26/07**	**KD2XG1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**34.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**21.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	**23.1**	**20.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XG1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R9L5

TOTAL Metals

Lot-Sample #...: F7L130135-002 **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7352072						
Antimony	ND	60.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AC
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**10.4 B**	**200**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AD**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AE
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AF
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**8510**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AG**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**2.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AH**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AK
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**41.6 B**	**100**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AL**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**1780 B**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AM**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**3.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AN**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AP
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2460 B**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/26/07**	**KD2XH1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AR
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9L5

TOTAL Metals

Lot-Sample #...: F7L130135-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**62300**	**5000**	**ug/L**	**SW846 6010B**	**12/18-12/26/07**	**KD2XH1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**35.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AU**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**23.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/18-12/21/07**	**KD2XH1AV**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/18-12/21/07	KD2XH1AW
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1R9K7

DISSOLVED Metals

Lot-Sample #...: F7L180131-001 **Matrix.....:** WATER
Date Sampled...: 12/17/07 **Date Received..:** 12/18/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7353233						
Antimony	ND	60.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**11.8 B**	**200**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**14500**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**2.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	ND	100	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**2790 B**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AM
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3290 B,C**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEC0D1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0D1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9K7

DISSOLVED Metals

Lot-Sample #...: F7L180131-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**134000 D**	**10000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEC0D1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**63.9**	**50.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**14.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0D1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/19-12/26/07	KEC0D1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R9K8

TOTAL Metals

Lot-Sample #...: F7L180131-002 **Matrix.....:** WATER
Date Sampled...: 12/17/07 **Date Received..:** 12/18/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7353233						
Antimony	ND	60.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**13.8 B**	**200**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AD
		Dilution Factor: 1		MDL.....: 1.1		
Cadmium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**14200**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AJ
		Dilution Factor: 1		MDL.....: 2.0		
Iron	**53.5 B**	**100**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**2730 B**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**8.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AM**
		Dilution Factor: 1		MDL.....: 1.0		
Nickel	ND	40.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**3450 B,C**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEC0F1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEC0F1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1R9K8

TOTAL Metals

Lot-Sample #...: F7L180131-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**131000 D**	**10000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEC0F1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**61.6**	**50.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**13.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**12/19-12/21/07**	**KEC0F1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	12/19-12/26/07	KEC0F1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7L120000-291 **Prep Batch #...:** 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41A9
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	12/12-12/19/07	KD0G41CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/12-12/19/07	KD0G41CD
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/19/07	KD0G41CG
		Dilution Factor: 1				

MB Lot-Sample #: F7L180000-072 **Prep Batch #...:** 7352072

Antimony	ND	60.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1A9
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	12/18-12/26/07	KECMX1CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/18-12/26/07	KECMX1CD
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1CG
		Dilution Factor: 1				

MB Lot-Sample #: F7L190000-233 **Prep Batch #...:** 7353233

Antimony	ND	60.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/19-12/21/07	KEE881AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/19-12/21/07	KEE881A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/19-12/21/07	KEE881A6
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	ND	5000	ug/L	SW846 6010B	12/19-12/21/07	KEE881A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881A9
		Dilution Factor: 1				
Potassium	**1760 B**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEE881CA**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/19-12/26/07	KEE881CD
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/19-12/26/07	KEE881CG
		Dilution Factor: 1				

MB Lot-Sample #: F7L280000-078 **Prep Batch #...:** 7362078

Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KEV591AA
		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 #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7L120000-291 **Prep Batch #...:** 7346291						
Antimony	ND	60.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	12/12-12/19/07	KD0G41AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/12-12/19/07	KD0G41AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/12-12/20/07	KD0G41AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/12-12/19/07	KD0G41AV
		Dilution Factor: 1				

MB Lot-Sample #: F7L180000-072 **Prep Batch #...:** 7352072

Antimony	ND	60.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	12/18-12/26/07	KECMX1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/18-12/26/07	KECMX1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/18-12/21/07	KECMX1AV
		Dilution Factor: 1				

MB Lot-Sample #: F7L190000-233 **Prep Batch #...:** 7353233

Antimony	ND	60.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	12/19-12/21/07	KEE881AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	12/19-12/21/07	KEE881AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	12/19-12/21/07	KEE881AK
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	ND	5000	ug/L	SW846 6010B	12/19-12/21/07	KEE881AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AN
		Dilution Factor: 1				
Potassium	**1760 B**	**5000**	**ug/L**	**SW846 6010B**	**12/19-12/26/07**	**KEE881AP**
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	12/19-12/26/07	KEE881AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	12/19-12/21/07	KEE881AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	12/19-12/26/07	KEE881AV
		Dilution Factor: 1				

MB Lot-Sample #: F7L280000-075 **Prep Batch #...:** 7362075

Mercury	ND	0.20	ug/L	SW846 7470A	12/28/07	KEV571AA
		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 #...: SL721 **Matrix.....:** WATER

LCS Lot-Sample#: F7L120000-291 **Prep Batch #...:** 7346291

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	538	ug/L	108	SW846 6010B	12/12-12/20/07	KD0G41C4
			Dilution Factor: 1				
Barium	500	546	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41C5
			Dilution Factor: 1				
Beryllium	500	578	ug/L	116	SW846 6010B	12/12-12/20/07	KD0G41C6
			Dilution Factor: 1				
Cadmium	500	544	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41C7
			Dilution Factor: 1				
Calcium	10000	10900	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41C8
			Dilution Factor: 1				
Chromium	500	534	ug/L	107	SW846 6010B	12/12-12/20/07	KD0G41C9
			Dilution Factor: 1				
Cobalt	500	531	ug/L	106	SW846 6010B	12/12-12/20/07	KD0G41DA
			Dilution Factor: 1				
Copper	500	515	ug/L	103	SW846 6010B	12/12-12/20/07	KD0G41DC
			Dilution Factor: 1				
Iron	500	556	ug/L	111	SW846 6010B	12/12-12/20/07	KD0G41DD
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	12/12-12/20/07	KD0G41DE
			Dilution Factor: 1				
Manganese	500	540	ug/L	108	SW846 6010B	12/12-12/20/07	KD0G41DF
			Dilution Factor: 1				
Nickel	500	532	ug/L	106	SW846 6010B	12/12-12/20/07	KD0G41DG
			Dilution Factor: 1				
Potassium	10000	11400	ug/L	114	SW846 6010B	12/12-12/18/07	KD0G41DH
			Dilution Factor: 1				
Silver	125	129	ug/L	104	SW846 6010B	12/12-12/20/07	KD0G41DJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10700	ug/L	107	SW846 6010B	12/12-12/18/07	KD0G41DK
			Dilution Factor: 1				
Strontium	500	564	ug/L	113	SW846 6010B	12/12-12/20/07	KD0G41DL
			Dilution Factor: 1				
Vanadium	500	536	ug/L	107	SW846 6010B	12/12-12/20/07	KD0G41DM
			Dilution Factor: 1				
Zinc	500	552	ug/L	110	SW846 6010B	12/12-12/18/07	KD0G41DN
			Dilution Factor: 1				
LCS Lot-Sample#: F7L180000-072 **Prep Batch #...:** 7352072							
Antimony	500	519	ug/L	104	SW846 6010B	12/18-12/21/07	KECMX1C4
			Dilution Factor: 1				
Barium	500	530	ug/L	106	SW846 6010B	12/18-12/21/07	KECMX1C5
			Dilution Factor: 1				
Beryllium	500	564	ug/L	113	SW846 6010B	12/18-12/21/07	KECMX1C6
			Dilution Factor: 1				
Cadmium	500	529	ug/L	106	SW846 6010B	12/18-12/21/07	KECMX1C7
			Dilution Factor: 1				
Calcium	10000	10000	ug/L	100	SW846 6010B	12/18-12/21/07	KECMX1C8
			Dilution Factor: 1				
Chromium	500	520	ug/L	104	SW846 6010B	12/18-12/21/07	KECMX1C9
			Dilution Factor: 1				
Cobalt	500	517	ug/L	103	SW846 6010B	12/18-12/21/07	KECMX1DA
			Dilution Factor: 1				
Copper	500	498	ug/L	100	SW846 6010B	12/18-12/21/07	KECMX1DC
			Dilution Factor: 1				
Iron	500	560	ug/L	112	SW846 6010B	12/18-12/21/07	KECMX1DD
			Dilution Factor: 1				
Magnesium	10000	9940	ug/L	99	SW846 6010B	12/18-12/21/07	KECMX1DE
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	525	ug/L	105	SW846 6010B	12/18-12/21/07	KECMX1DF
			Dilution Factor: 1				
Nickel	500	517	ug/L	103	SW846 6010B	12/18-12/21/07	KECMX1DG
			Dilution Factor: 1				
Potassium	10000	10700	ug/L	107	SW846 6010B	12/18-12/26/07	KECMX1DH
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	12/18-12/21/07	KECMX1DJ
			Dilution Factor: 1				
Sodium	10000	10500	ug/L	105	SW846 6010B	12/18-12/26/07	KECMX1DK
			Dilution Factor: 1				
Strontium	500	537	ug/L	107	SW846 6010B	12/18-12/21/07	KECMX1DL
			Dilution Factor: 1				
Vanadium	500	525	ug/L	105	SW846 6010B	12/18-12/21/07	KECMX1DM
			Dilution Factor: 1				
Zinc	500	559	ug/L	112	SW846 6010B	12/18-12/21/07	KECMX1DN
			Dilution Factor: 1				
LCS Lot-Sample#: F7L190000-233 **Prep Batch #...:** 7353233							
Antimony	500	505	ug/L	101	SW846 6010B	12/19-12/21/07	KEE881C4
			Dilution Factor: 1				
Barium	500	530	ug/L	106	SW846 6010B	12/19-12/21/07	KEE881C5
			Dilution Factor: 1				
Beryllium	500	563	ug/L	113	SW846 6010B	12/19-12/21/07	KEE881C6
			Dilution Factor: 1				
Cadmium	500	531	ug/L	106	SW846 6010B	12/19-12/21/07	KEE881C7
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	12/19-12/21/07	KEE881C8
			Dilution Factor: 1				
Chromium	500	521	ug/L	104	SW846 6010B	12/19-12/21/07	KEE881C9
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	517	ug/L	103	SW846 6010B	12/19-12/21/07	KEE881DA
			Dilution Factor: 1				
Copper	500	500	ug/L	100	SW846 6010B	12/19-12/21/07	KEE881DC
			Dilution Factor: 1				
Iron	500	554	ug/L	111	SW846 6010B	12/19-12/21/07	KEE881DD
			Dilution Factor: 1				
Magnesium	10000	9980	ug/L	100	SW846 6010B	12/19-12/21/07	KEE881DE
			Dilution Factor: 1				
Manganese	500	525	ug/L	105	SW846 6010B	12/19-12/21/07	KEE881DF
			Dilution Factor: 1				
Nickel	500	519	ug/L	104	SW846 6010B	12/19-12/21/07	KEE881DG
			Dilution Factor: 1				
Potassium	10000	10000	ug/L	100	SW846 6010B	12/19-12/26/07	KEE881DH
			Dilution Factor: 1				
Silver	125	127	ug/L	102	SW846 6010B	12/19-12/21/07	KEE881DJ
			Dilution Factor: 1				
Sodium	10000	10900	ug/L	109	SW846 6010B	12/19-12/26/07	KEE881DK
			Dilution Factor: 1				
Strontium	500	540	ug/L	108	SW846 6010B	12/19-12/21/07	KEE881DL
			Dilution Factor: 1				
Vanadium	500	524	ug/L	105	SW846 6010B	12/19-12/21/07	KEE881DM
			Dilution Factor: 1				
Zinc	500	522	ug/L	104	SW846 6010B	12/19-12/26/07	KEE881DN
			Dilution Factor: 1				

LCS Lot-Sample#: F7L280000-078 **Prep Batch #...:** 7362078

Mercury	1.00	0.981	ug/L	98	SW846 7470A	12/28/07	KEV591AC
			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 #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7L120000-291 **Prep Batch #...:** 7346291							
Antimony	500	538	ug/L	108	SW846 6010B	12/12-12/20/07	KD0G41CH
			Dilution Factor: 1				
Barium	500	546	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41CJ
			Dilution Factor: 1				
Beryllium	500	578	ug/L	116	SW846 6010B	12/12-12/20/07	KD0G41CK
			Dilution Factor: 1				
Cadmium	500	544	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41CL
			Dilution Factor: 1				
Calcium	10000	10900	ug/L	109	SW846 6010B	12/12-12/20/07	KD0G41CM
			Dilution Factor: 1				
Chromium	500	534	ug/L	107	SW846 6010B	12/12-12/20/07	KD0G41CN
			Dilution Factor: 1				
Cobalt	500	531	ug/L	106	SW846 6010B	12/12-12/20/07	KD0G41CP
			Dilution Factor: 1				
Copper	500	515	ug/L	103	SW846 6010B	12/12-12/20/07	KD0G41CQ
			Dilution Factor: 1				
Iron	500	556	ug/L	111	SW846 6010B	12/12-12/20/07	KD0G41CR
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	12/12-12/20/07	KD0G41CT
			Dilution Factor: 1				
Manganese	500	540	ug/L	108	SW846 6010B	12/12-12/20/07	KD0G41CU
			Dilution Factor: 1				
Nickel	500	532	ug/L	106	SW846 6010B	12/12-12/20/07	KD0G41CV
			Dilution Factor: 1				
Potassium	10000	11400	ug/L	114	SW846 6010B	12/12-12/18/07	KD0G41CW
			Dilution Factor: 1				
Silver	125	129	ug/L	104	SW846 6010B	12/12-12/20/07	KD0G41CX
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10700	ug/L	107	SW846 6010B	12/12-12/18/07	KD0G41C0
			Dilution Factor: 1				
Strontium	500	564	ug/L	113	SW846 6010B	12/12-12/20/07	KD0G41C1
			Dilution Factor: 1				
Vanadium	500	536	ug/L	107	SW846 6010B	12/12-12/20/07	KD0G41C2
			Dilution Factor: 1				
Zinc	500	552	ug/L	110	SW846 6010B	12/12-12/18/07	KD0G41C3
			Dilution Factor: 1				
LCS Lot-Sample#: F7L180000-072 **Prep Batch #...:** 7352072							
Antimony	500	519	ug/L	104	SW846 6010B	12/18-12/21/07	KECMX1CH
			Dilution Factor: 1				
Barium	500	530	ug/L	106	SW846 6010B	12/18-12/21/07	KECMX1CJ
			Dilution Factor: 1				
Beryllium	500	564	ug/L	113	SW846 6010B	12/18-12/21/07	KECMX1CK
			Dilution Factor: 1				
Cadmium	500	529	ug/L	106	SW846 6010B	12/18-12/21/07	KECMX1CL
			Dilution Factor: 1				
Calcium	10000	10000	ug/L	100	SW846 6010B	12/18-12/21/07	KECMX1CM
			Dilution Factor: 1				
Chromium	500	520	ug/L	104	SW846 6010B	12/18-12/21/07	KECMX1CN
			Dilution Factor: 1				
Cobalt	500	517	ug/L	103	SW846 6010B	12/18-12/21/07	KECMX1CP
			Dilution Factor: 1				
Copper	500	498	ug/L	100	SW846 6010B	12/18-12/21/07	KECMX1CQ
			Dilution Factor: 1				
Iron	500	560	ug/L	112	SW846 6010B	12/18-12/21/07	KECMX1CR
			Dilution Factor: 1				
Magnesium	10000	9940	ug/L	99	SW846 6010B	12/18-12/21/07	KECMX1CT
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	525	ug/L	105	SW846 6010B	12/18-12/21/07	KECMX1CU
			Dilution Factor: 1				
Nickel	500	517	ug/L	103	SW846 6010B	12/18-12/21/07	KECMX1CV
			Dilution Factor: 1				
Potassium	10000	10700	ug/L	107	SW846 6010B	12/18-12/26/07	KECMX1CW
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	12/18-12/21/07	KECMX1CX
			Dilution Factor: 1				
Sodium	10000	10500	ug/L	105	SW846 6010B	12/18-12/26/07	KECMX1C0
			Dilution Factor: 1				
Strontium	500	537	ug/L	107	SW846 6010B	12/18-12/21/07	KECMX1C1
			Dilution Factor: 1				
Vanadium	500	525	ug/L	105	SW846 6010B	12/18-12/21/07	KECMX1C2
			Dilution Factor: 1				
Zinc	500	559	ug/L	112	SW846 6010B	12/18-12/21/07	KECMX1C3
			Dilution Factor: 1				
LCS Lot-Sample#: F7L190000-233 **Prep Batch #...:** 7353233							
Antimony	500	505	ug/L	101	SW846 6010B	12/19-12/21/07	KEE881CH
			Dilution Factor: 1				
Barium	500	530	ug/L	106	SW846 6010B	12/19-12/21/07	KEE881CJ
			Dilution Factor: 1				
Beryllium	500	563	ug/L	113	SW846 6010B	12/19-12/21/07	KEE881CK
			Dilution Factor: 1				
Cadmium	500	531	ug/L	106	SW846 6010B	12/19-12/21/07	KEE881CL
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	12/19-12/21/07	KEE881CM
			Dilution Factor: 1				
Chromium	500	521	ug/L	104	SW846 6010B	12/19-12/21/07	KEE881CN
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	517	ug/L	103	SW846 6010B	12/19-12/21/07	KEE881CP
			Dilution Factor: 1				
Copper	500	500	ug/L	100	SW846 6010B	12/19-12/21/07	KEE881CQ
			Dilution Factor: 1				
Iron	500	554	ug/L	111	SW846 6010B	12/19-12/21/07	KEE881CR
			Dilution Factor: 1				
Magnesium	10000	9980	ug/L	100	SW846 6010B	12/19-12/21/07	KEE881CT
			Dilution Factor: 1				
Manganese	500	525	ug/L	105	SW846 6010B	12/19-12/21/07	KEE881CU
			Dilution Factor: 1				
Nickel	500	519	ug/L	104	SW846 6010B	12/19-12/21/07	KEE881CV
			Dilution Factor: 1				
Potassium	10000	10000	ug/L	100	SW846 6010B	12/19-12/26/07	KEE881CW
			Dilution Factor: 1				
Silver	125	127	ug/L	102	SW846 6010B	12/19-12/21/07	KEE881CX
			Dilution Factor: 1				
Sodium	10000	10900	ug/L	109	SW846 6010B	12/19-12/26/07	KEE881C0
			Dilution Factor: 1				
Strontium	500	540	ug/L	108	SW846 6010B	12/19-12/21/07	KEE881C1
			Dilution Factor: 1				
Vanadium	500	524	ug/L	105	SW846 6010B	12/19-12/21/07	KEE881C2
			Dilution Factor: 1				
Zinc	500	522	ug/L	104	SW846 6010B	12/19-12/26/07	KEE881C3
			Dilution Factor: 1				

LCS Lot-Sample#: F7L280000-075 **Prep Batch #...:** 7362075

Mercury	1.00	0.999	ug/L	100	SW846 7470A	12/28/07	KEV571AC
			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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7L130107-004 **Prep Batch #...:** 7362078									
Mercury									
	ND	1.00	1.03	ug/L	103		SW846 7470A	12/28/07	KD2QP1AE
	ND	1.00	1.03	ug/L	103	0.0	SW846 7470A	12/28/07	KD2QP1AF

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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7L130135-002 **Prep Batch #...:** 7352072									
Antimony									
	ND	250	256	ug/L	102		SW846 6010B	12/18-12/21/07	KD2XH1AX
	ND	250	259	ug/L	104	1.3	SW846 6010B	12/18-12/21/07	KD2XH1A0
			Dilution Factor: 1						
Barium									
	10.4	1000	1040	ug/L	103		SW846 6010B	12/18-12/21/07	KD2XH1A1
	10.4	1000	1060	ug/L	105	1.8	SW846 6010B	12/18-12/21/07	KD2XH1A2
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.3	ug/L	109		SW846 6010B	12/18-12/21/07	KD2XH1A3
	ND	25.0	27.8	ug/L	111	2.0	SW846 6010B	12/18-12/21/07	KD2XH1A4
			Dilution Factor: 1						
Cadmium									
	ND	25.0	26.0	ug/L	104		SW846 6010B	12/18-12/21/07	KD2XH1A5
	ND	25.0	26.6	ug/L	106	2.2	SW846 6010B	12/18-12/21/07	KD2XH1A6
			Dilution Factor: 1						
Calcium									
	8510	25000	33000	ug/L	98		SW846 6010B	12/18-12/21/07	KD2XH1A7
	8510	25000	33500	ug/L	100	1.4	SW846 6010B	12/18-12/21/07	KD2XH1AB
			Dilution Factor: 1						
Chromium									
	2.8	100	104	ug/L	101		SW846 6010B	12/18-12/21/07	KD2XH1A9
	2.8	100	106	ug/L	103	1.8	SW846 6010B	12/18-12/21/07	KD2XH1CA
			Dilution Factor: 1						
Cobalt									
	ND	250	255	ug/L	102		SW846 6010B	12/18-12/21/07	KD2XH1CC
	ND	250	260	ug/L	104	1.6	SW846 6010B	12/18-12/21/07	KD2XH1CD
			Dilution Factor: 1						
Copper									
	ND	125	128	ug/L	102		SW846 6010B	12/18-12/21/07	KD2XH1CE
	ND	125	129	ug/L	103	1.2	SW846 6010B	12/18-12/21/07	KD2XH1CF
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	41.6	500	558	ug/L	103		SW846 6010B	12/18-12/21/07	KD2XH1CG
	41.6	500	568	ug/L	105	1.8	SW846 6010B	12/18-12/21/07	KD2XH1CH
			Dilution Factor: 1						
Magnesium									
	1780	25000	26600	ug/L	99		SW846 6010B	12/18-12/21/07	KD2XH1CJ
	1780	25000	27200	ug/L	102	2.0	SW846 6010B	12/18-12/21/07	KD2XH1CK
			Dilution Factor: 1						
Manganese									
	3.9	250	262	ug/L	103		SW846 6010B	12/18-12/21/07	KD2XH1CL
	3.9	250	268	ug/L	105	2.0	SW846 6010B	12/18-12/21/07	KD2XH1CM
			Dilution Factor: 1						
Nickel									
	ND	250	254	ug/L	102		SW846 6010B	12/18-12/21/07	KD2XH1CN
	ND	250	259	ug/L	104	2.0	SW846 6010B	12/18-12/21/07	KD2XH1CP
			Dilution Factor: 1						
Potassium									
	2460	25000	28200	ug/L	103		SW846 6010B	12/18-12/26/07	KD2XH1CQ
	2460	25000	26900	ug/L	98	4.7	SW846 6010B	12/18-12/26/07	KD2XH1CR
			Dilution Factor: 1						
Silver									
	ND	25.0	25.7	ug/L	103		SW846 6010B	12/18-12/21/07	KD2XH1CT
	ND	25.0	25.5	ug/L	102	0.70	SW846 6010B	12/18-12/21/07	KD2XH1CU
			Dilution Factor: 1						
Sodium									
	62300	25000	89600	ug/L	109		SW846 6010B	12/18-12/26/07	KD2XH1CV
	62300	25000	89200	ug/L	108	0.39	SW846 6010B	12/18-12/26/07	KD2XH1CW
			Dilution Factor: 1						
Strontium									
	35.8	500	565	ug/L	106		SW846 6010B	12/18-12/21/07	KD2XH1CX
	35.8	500	575	ug/L	108	1.8	SW846 6010B	12/18-12/21/07	KD2XH1C0
			Dilution Factor: 1						
Vanadium									
	23.1	250	278	ug/L	102		SW846 6010B	12/18-12/21/07	KD2XH1C1
	23.1	250	283	ug/L	104	2.0	SW846 6010B	12/18-12/21/07	KD2XH1C2
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/12/07 **Date Received..:** 12/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	280	ug/L	112		SW846 6010B	12/18-12/21/07	KD2XH1C3
	ND	250	283	ug/L	113	1.2	SW846 6010B	12/18-12/21/07	KD2XH1C4

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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

MS Lot-Sample #: F7L070267-001 **Prep Batch #...:** 7346291

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	12/12-12/20/07	KDN991AW
	ND	250	268	ug/L	107	2.3	SW846 6010B	12/12-12/20/07	KDN991AX
			Dilution Factor: 1						
Barium									
	42.3	1000	1120	ug/L	108		SW846 6010B	12/12-12/20/07	KDN991A0
	42.3	1000	1140	ug/L	109	1.5	SW846 6010B	12/12-12/20/07	KDN991A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	28.9	ug/L	115		SW846 6010B	12/12-12/20/07	KDN991A2
	ND	25.0	28.7	ug/L	115	0.48	SW846 6010B	12/12-12/20/07	KDN991A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	27.2	ug/L	109		SW846 6010B	12/12-12/20/07	KDN991A4
	ND	25.0	27.1	ug/L	108	0.25	SW846 6010B	12/12-12/20/07	KDN991A5
			Dilution Factor: 1						
Calcium									
	52500	25000	77300 D	ug/L	99		SW846 6010B	12/12-12/21/07	KDN991A6
	52500	25000	78100 D	ug/L	102	0.93	SW846 6010B	12/12-12/21/07	KDN991A7
			Dilution Factor: 2						
Chromium									
	8.7	100	113	ug/L	104		SW846 6010B	12/12-12/20/07	KDN991A8
	8.7	100	115	ug/L	106	1.9	SW846 6010B	12/12-12/20/07	KDN991A9
			Dilution Factor: 1						
Cobalt									
	ND	250	261	ug/L	104		SW846 6010B	12/12-12/20/07	KDN991CA
	ND	250	264	ug/L	106	1.3	SW846 6010B	12/12-12/20/07	KDN991CC
			Dilution Factor: 1						
Copper									
	ND	125	130	ug/L	104		SW846 6010B	12/12-12/20/07	KDN991CD
	ND	125	131	ug/L	105	1.2	SW846 6010B	12/12-12/20/07	KDN991CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	538	ug/L	108		SW846 6010B	12/12-12/20/07	KDN991CF
	ND	500	551	ug/L	110	2.3	SW846 6010B	12/12-12/20/07	KDN991CG
			Dilution Factor: 1						
Magnesium									
	12700	25000	38400	ug/L	103		SW846 6010B	12/12-12/20/07	KDN991CH
	12700	25000	39500	ug/L	107	2.9	SW846 6010B	12/12-12/20/07	KDN991CJ
			Dilution Factor: 1						
Manganese									
	3.1	250	270	ug/L	107		SW846 6010B	12/12-12/20/07	KDN991CK
	3.1	250	274	ug/L	108	1.3	SW846 6010B	12/12-12/20/07	KDN991CL
			Dilution Factor: 1						
Nickel									
	ND	250	261	ug/L	104		SW846 6010B	12/12-12/20/07	KDN991CM
	ND	250	264	ug/L	105	1.1	SW846 6010B	12/12-12/20/07	KDN991CN
			Dilution Factor: 1						
Potassium									
	3510	25000	31000	ug/L	110		SW846 6010B	12/12-12/18/07	KDN991CP
	3510	25000	32800	ug/L	117	5.5	SW846 6010B	12/12-12/18/07	KDN991CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.2	ug/L	101		SW846 6010B	12/12-12/20/07	KDN991CR
	ND	25.0	26.0	ug/L	104	3.1	SW846 6010B	12/12-12/20/07	KDN991CT
			Dilution Factor: 1						
Sodium									
	12700	25000	39900	ug/L	109		SW846 6010B	12/12-12/18/07	KDN991CU
	12700	25000	40400	ug/L	111	1.1	SW846 6010B	12/12-12/18/07	KDN991CV
			Dilution Factor: 1						
Strontium									
	320	500	875 D	ug/L	111		SW846 6010B	12/12-12/21/07	KDN991CW
	320	500	873 D	ug/L	110	0.28	SW846 6010B	12/12-12/21/07	KDN991CX
			Dilution Factor: 2						
Vanadium									
	6.6	250	269	ug/L	105		SW846 6010B	12/12-12/20/07	KDN991C0
	6.6	250	273	ug/L	107	1.6	SW846 6010B	12/12-12/20/07	KDN991C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	277	ug/L	111		SW846 6010B	12/12-12/18/07	KDN991C2
	ND	250	275	ug/L	110	1.0	SW846 6010B	12/12-12/18/07	KDN991C3

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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7L110228-001 **Prep Batch #...:** 7362075									
Mercury									
	ND	1.00	1.00	ug/L	100		SW846 7470A	12/28/07	KDW0F1AC
	ND	1.00	1.02	ug/L	102	2.0	SW846 7470A	12/28/07	KDW0F1AD

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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/08/07 **Date Received..:** 12/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7L130107-003 **Prep Batch #...:** 7362075									
Mercury									
	ND	1.00	1.04	ug/L	104		SW846 7470A	12/28/07	KD2QN1AC
	ND	1.00	1.06	ug/L	106	1.9	SW846 7470A	12/28/07	KD2QN1AD

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 #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/17/07 **Date Received..:** 12/18/07

MS Lot-Sample #: F7L180131-001 **Prep Batch #...:** 7353233

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	258	ug/L	103		SW846 6010B	12/19-12/21/07	KEC0D1AW
	ND	250	267	ug/L	107	3.2	SW846 6010B	12/19-12/21/07	KEC0D1AX
			Dilution Factor: 1						
Barium									
	11.8	1000	1110	ug/L	109		SW846 6010B	12/19-12/21/07	KEC0D1A0
	11.8	1000	1090	ug/L	108	1.7	SW846 6010B	12/19-12/21/07	KEC0D1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	29.1	ug/L	116		SW846 6010B	12/19-12/21/07	KEC0D1A2
	ND	25.0	28.8	ug/L	115	1.0	SW846 6010B	12/19-12/21/07	KEC0D1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	27.3	ug/L	109		SW846 6010B	12/19-12/21/07	KEC0D1A4
	ND	25.0	27.2	ug/L	109	0.62	SW846 6010B	12/19-12/21/07	KEC0D1A5
			Dilution Factor: 1						
Calcium									
	14500	25000	40800	ug/L	105		SW846 6010B	12/19-12/21/07	KEC0D1A6
	14500	25000	40300	ug/L	103	1.2	SW846 6010B	12/19-12/21/07	KEC0D1A7
			Dilution Factor: 1						
Chromium									
	ND	100	107	ug/L	107		SW846 6010B	12/19-12/21/07	KEC0D1A8
	ND	100	106	ug/L	106	0.98	SW846 6010B	12/19-12/21/07	KEC0D1A9
			Dilution Factor: 1						
Cobalt									
	2.2	250	271	ug/L	108		SW846 6010B	12/19-12/21/07	KEC0D1CA
	2.2	250	267	ug/L	106	1.5	SW846 6010B	12/19-12/21/07	KEC0D1CC
			Dilution Factor: 1						
Copper									
	ND	125	136	ug/L	109		SW846 6010B	12/19-12/21/07	KEC0D1CD
	ND	125	147	ug/L	117	7.4	SW846 6010B	12/19-12/21/07	KEC0D1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/17/07 **Date Received..:** 12/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	559	ug/L	112		SW846 6010B	12/19-12/21/07	KEC0D1CF
	ND	500	549	ug/L	110	1.7	SW846 6010B	12/19-12/21/07	KEC0D1CG
			Dilution Factor: 1						
Magnesium									
	2790	25000	29300	ug/L	106		SW846 6010B	12/19-12/21/07	KEC0D1CH
	2790	25000	28900	ug/L	105	1.2	SW846 6010B	12/19-12/21/07	KEC0D1CJ
			Dilution Factor: 1						
Manganese									
	ND	250	274	ug/L	110		SW846 6010B	12/19-12/21/07	KEC0D1CK
	ND	250	270	ug/L	108	1.4	SW846 6010B	12/19-12/21/07	KEC0D1CL
			Dilution Factor: 1						
Nickel									
	ND	250	269	ug/L	108		SW846 6010B	12/19-12/21/07	KEC0D1CM
	ND	250	266	ug/L	106	1.3	SW846 6010B	12/19-12/21/07	KEC0D1CN
			Dilution Factor: 1						
Potassium									
	3290	25000	29000	ug/L	103		SW846 6010B	12/19-12/26/07	KEC0D1CP
	3290	25000	29600	ug/L	105	2.1	SW846 6010B	12/19-12/26/07	KEC0D1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	26.1	ug/L	104		SW846 6010B	12/19-12/21/07	KEC0D1CR
	ND	25.0	25.5	ug/L	102	2.4	SW846 6010B	12/19-12/21/07	KEC0D1CT
			Dilution Factor: 1						
Sodium									
	134000	25000	165000	ug/L	123		SW846 6010B	12/19-12/26/07	KEC0D1CU
			Qualifiers: D						
	134000	25000	161000	ug/L	108	2.3	SW846 6010B	12/19-12/26/07	KEC0D1CV
			Qualifiers: D						
			Dilution Factor: 2						
Strontium									
	63.9	500	623	ug/L	112		SW846 6010B	12/19-12/21/07	KEC0D1CW
	63.9	500	614	ug/L	110	1.5	SW846 6010B	12/19-12/21/07	KEC0D1CX
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/17/07 **Date Received..:** 12/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	14.8	250	284	ug/L	108		SW846 6010B	12/19-12/21/07	KEC0D1C0
	14.8	250	281	ug/L	106	1.1	SW846 6010B	12/19-12/21/07	KEC0D1C1
			Dilution Factor: 1						
Zinc									
	ND	250	257	ug/L	103		SW846 6010B	12/19-12/26/07	KEC0D1C2
	ND	250	264	ug/L	106	2.8	SW846 6010B	12/19-12/26/07	KEC0D1C3
			Dilution Factor: 1						

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1R238

General Chemistry

Lot-Sample #...: F7L070267-002 **Work Order #...:** KDPAC **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**25.9 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**12/07/07**	**7342057**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.19**	**0.10**	**mg/L**	**MCAWW 300.0A**	**12/07/07**	**7342058**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	12/07/07	7342060
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrogen, Nitrate	**6.5 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**12/07/07**	**7342061**
		Dilution Factor: 10		MDL.....: 0.086		
Sulfate	**43.6 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/07/07**	**7342059**
		Dilution Factor: 10		MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

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: B1R258

General Chemistry

Lot-Sample #...: F7L080125-002 **Work Order #...:** KDQ5E **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**7.9 D**	**1.0**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342095**
		Dilution Factor: 5		MDL.....: 0.10		
Fluoride	**0.50**	**0.10**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342096**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	12/08/07	7342098
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrogen, Nitrate	**3.5 D**	**0.10**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342099**
		Dilution Factor: 5		MDL.....: 0.043		
Sulfate	**45.6 D**	**2.5**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342097**
		Dilution Factor: 5		MDL.....: 0.25		

NOTE(S):

RL Reporting Limit

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: B1R287

General Chemistry

Lot-Sample #...: F7L080125-004 **Work Order #...:** KDQ5G **Matrix.....:** WATER
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**15.6 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342095**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.19**	**0.10**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342096**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	12/08/07	7342098
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrogen, Nitrate	**4.6 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342099**
		Dilution Factor: 10		MDL.....: 0.086		
Sulfate	**62.8 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**12/08/07**	**7342097**
		Dilution Factor: 10		MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

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: B1R2N4

General Chemistry

Lot-Sample #...: F7L110228-002 **Work Order #...:** KDW0R **Matrix.....:** WATER
Date Sampled...: 12/10/07 **Date Received..:** 12/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	01/02/08	8002284
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	12/14/07	7348161
		Dilution Factor: 1		MDL.....: 0.18		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: KDRCN1AA		MB Lot-Sample #:	F7L080000-057	
	ND	0.20	mg/L	MCAWW 300.0A	12/07/07	7342057
		Dilution Factor: 1				
Chloride		Work Order #: KDW0P1AA		MB Lot-Sample #:	F7L080000-095	
	ND	0.20	mg/L	MCAWW 300.0A	12/08/07	7342095
		Dilution Factor: 1				
Fluoride		Work Order #: KDRCP1AA		MB Lot-Sample #:	F7L080000-058	
	ND	0.10	mg/L	MCAWW 300.0A	12/07/07	7342058
		Dilution Factor: 1				
Fluoride		Work Order #: KDW0Q1AA		MB Lot-Sample #:	F7L080000-096	
	ND	0.10	mg/L	MCAWW 300.0A	12/08/07	7342096
		Dilution Factor: 1				
Nitrite		Work Order #: KDRCV1AA		MB Lot-Sample #:	F7L080000-060	
	ND	0.020	mg/L	MCAWW 300.0A	12/07/07	7342060
		Dilution Factor: 1				
Nitrite		Work Order #: KDW0W1AA		MB Lot-Sample #:	F7L080000-098	
	ND	0.020	mg/L	MCAWW 300.0A	12/08/07	7342098
		Dilution Factor: 1				
Nitrogen, Nitrate		Work Order #: KDRC01AA		MB Lot-Sample #:	F7L080000-061	
	ND	0.020	mg/L	MCAWW 300.0A	12/07/07	7342061
		Dilution Factor: 1				
Nitrogen, Nitrate		Work Order #: KDW0X1AA		MB Lot-Sample #:	F7L080000-099	
	ND	0.020	mg/L	MCAWW 300.0A	12/08/07	7342099
		Dilution Factor: 1				
Phenol		Work Order #: KE1C81AA		MB Lot-Sample #:	F8A020000-284	
	ND	50.0	ug/L	MCAWW 420.2	01/02/08	8002284
		Dilution Factor: 1				
Sulfate		Work Order #: KDRCR1AA		MB Lot-Sample #:	F7L080000-059	
	ND	0.50	mg/L	MCAWW 300.0A	12/07/07	7342059
		Dilution Factor: 1				
Sulfate		Work Order #: KDW0V1AA		MB Lot-Sample #:	F7L080000-097	
	ND	0.50	mg/L	MCAWW 300.0A	12/08/07	7342097
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		Work Order #: KD5WG1AA		MB Lot-Sample #:	F7L140000-161	
	ND	1.0	mg/L	SW846 9030	12/14/07	7348161
		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 #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #: KDRCN1AC LCS Lot-Sample#: F7L080000-057				
	2.00	1.93	mg/L	97	MCAWW 300.0A	12/07/07	7342057
			Dilution Factor: 1				
Chloride			Work Order #: KDW0P1AC LCS Lot-Sample#: F7L080000-095				
	2.00	1.95	mg/L	98	MCAWW 300.0A	12/08/07	7342095
			Dilution Factor: 1				
Fluoride			Work Order #: KDRCP1AC LCS Lot-Sample#: F7L080000-058				
	1.00	0.967	mg/L	97	MCAWW 300.0A	12/07/07	7342058
			Dilution Factor: 1				
Fluoride			Work Order #: KDW0Q1AC LCS Lot-Sample#: F7L080000-096				
	1.00	0.985	mg/L	99	MCAWW 300.0A	12/08/07	7342096
			Dilution Factor: 1				
Nitrite			Work Order #: KDRCV1AC LCS Lot-Sample#: F7L080000-060				
	0.160	0.156	mg/L	98	MCAWW 300.0A	12/07/07	7342060
			Dilution Factor: 1				
Nitrite			Work Order #: KDW0W1AC LCS Lot-Sample#: F7L080000-098				
	0.160	0.156	mg/L	97	MCAWW 300.0A	12/08/07	7342098
			Dilution Factor: 1				
Nitrogen, Nitrate			Work Order #: KDRC01AC LCS Lot-Sample#: F7L080000-061				
	0.400	0.391	mg/L	98	MCAWW 300.0A	12/07/07	7342061
			Dilution Factor: 1				
Nitrogen, Nitrate			Work Order #: KDW0X1AC LCS Lot-Sample#: F7L080000-099				
	0.400	0.388	mg/L	97	MCAWW 300.0A	12/08/07	7342099
			Dilution Factor: 1				
Phenol			Work Order #: KE1C81AC LCS Lot-Sample#: F8A020000-284				
	200	208	ug/L	104	MCAWW 420.2	01/02/08	8002284
			Dilution Factor: 1				
Sulfate			Work Order #: KDRCR1AC LCS Lot-Sample#: F7L080000-059				
	8.00	7.74	mg/L	97	MCAWW 300.0A	12/07/07	7342059
			Dilution Factor: 1				
Sulfate			Work Order #: KDW0V1AC LCS Lot-Sample#: F7L080000-097				
	8.00	7.76	mg/L	97	MCAWW 300.0A	12/08/07	7342097
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL721 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide			Work Order #: KD5WG1AC		LCS Lot-Sample#: F7L140000-161		
	10.0	9.00 N	mg/L	90	SW846 9030	12/14/07	7348161
			Dilution Factor: 1				

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		KDPAC1DF		MS Lot-Sample #:	F7L070267-002
	25.9	20.0	46.7 D	mg/L	104	MCAWW 300.0A	12/07/07	7342057
			Dilution Factor: 10					
Chloride			Work Order #...:		KDQ5G1A4		MS Lot-Sample #:	F7L080125-004
	15.6	20.0	34.9 D	mg/L	96	MCAWW 300.0A	12/08/07	7342095
			Dilution Factor: 10					
Fluoride			Work Order #...:		KDPAC1A4		MS Lot-Sample #:	F7L070267-002
	0.19	2.00	2.13	mg/L	97	MCAWW 300.0A	12/07/07	7342058
			Dilution Factor: 1					
Fluoride			Work Order #...:		KDQ5G1A6		MS Lot-Sample #:	F7L080125-004
	0.19	2.00	2.23	mg/L	102	MCAWW 300.0A	12/08/07	7342096
			Dilution Factor: 1					
Nitrite			Work Order #...:		KDPAC1A6		MS Lot-Sample #:	F7L070267-002
	ND	0.100	0.147 N	mg/L	147	MCAWW 300.0A	12/07/07	7342060
			Dilution Factor: 1					
Nitrite			Work Order #...:		KDQ5G1CA		MS Lot-Sample #:	F7L080125-004
	ND	0.100	0.126 N	mg/L	126	MCAWW 300.0A	12/08/07	7342098
			Dilution Factor: 1					
Nitrogen, Nitrate			Work Order #...:		KDPAC1A7		MS Lot-Sample #:	F7L070267-002
	6.5	4.00	10.5 D	mg/L	101	MCAWW 300.0A	12/07/07	7342061
			Dilution Factor: 10					
Nitrogen, Nitrate			Work Order #...:		KDQ5G1CD		MS Lot-Sample #:	F7L080125-004
	4.6	4.00	8.55 D	mg/L	99	MCAWW 300.0A	12/08/07	7342099
			Dilution Factor: 10					
Phenol			Work Order #...:		KDW0R1AJ		MS Lot-Sample #:	F7L110228-002
	ND	200	199	ug/L	99	MCAWW 420.2	01/02/08	8002284
			Dilution Factor: 1					
Sulfate			Work Order #...:		KDPAC1A5		MS Lot-Sample #:	F7L070267-002
	43.6	40.0	83.9 D	mg/L	101	MCAWW 300.0A	12/07/07	7342059
			Dilution Factor: 10					
Sulfate			Work Order #...:		KDQ5G1A8		MS Lot-Sample #:	F7L080125-004
	62.8	40.0	101 D	mg/L	95	MCAWW 300.0A	12/08/07	7342097
			Dilution Factor: 10					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL721 **Matrix.....:** WATER
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide			Work Order #...:		KDW0R1AK		MS Lot-Sample #:	F7L110228-002
	ND	10.0	8.90	mg/L	89	SW846 9030	12/14/07	7348161
			Dilution Factor: 1					

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7L070267 **Work Order #...:** KDPAC-SMP KDPAC-DUP **Matrix.....:** WATER

Date Sampled...: 12/06/07 **Date Received..:** 12/07/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7L070267-002	
	25.9 D	26.0 D	mg/L	0.54	(0-20)	MCAWW 300.0A	12/07/07	7342057
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7L070267-002	
	0.19	0.18	mg/L	4.9	(0-20)	MCAWW 300.0A	12/07/07	7342058
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7L070267-002	
	43.6 D	43.9 D	mg/L	0.61	(0-20)	MCAWW 300.0A	12/07/07	7342059
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7L070267-002	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	12/07/07	7342060
			Dilution Factor: 1					
Nitrogen, Nitrate						SD Lot-Sample #:	F7L070267-002	
	6.5 D	6.5 D	mg/L	0.32	(0-20)	MCAWW 300.0A	12/07/07	7342061
			Dilution Factor: 10					

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.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7L070267 **Work Order #...:** KDQ5G-SMP KDQ5G-DUP **Matrix.....:** WATER

Date Sampled...: 12/07/07 **Date Received..:** 12/08/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7L080125-004	
	15.6 D	15.5 D	mg/L	0.85	(0-20)	MCAWW 300.0A	12/08/07	7342095
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7L080125-004	
	0.19	0.20	mg/L	0.42	(0-20)	MCAWW 300.0A	12/08/07	7342096
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7L080125-004	
	62.8 D	62.4 D	mg/L	0.50	(0-20)	MCAWW 300.0A	12/08/07	7342097
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7L080125-004	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	12/08/07	7342098
			Dilution Factor: 1					
Nitrogen, Nitrate						SD Lot-Sample #:	F7L080125-004	
	4.6 D	4.6 D	mg/L	0.95	(0-20)	MCAWW 300.0A	12/08/07	7342099
			Dilution Factor: 10					

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.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7L070267 **Work Order #...:** KDW0R-SMP KDW0R-DUP **Matrix.....:** WATER

Date Sampled...: 12/10/07 **Date Received..:** 12/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #:	F7L110228-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	01/02/08	8002284
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #:	F7L110228-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	12/14/07	7348161
			Dilution Factor: 1					