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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W07-009

Lot #: F7I120214
SDG #: SL710

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

for
Michael C. Franks
Project Manager

October 18, 2007

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford Inc.
P.O. Box 1000
Richland, Washington 99352
October 18, 2007
Attention: Steve Trent

SDG	:	SL710
Number of Samples	:	48
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	September 26, 2007

II. Introduction

Between September 12, 2007 and September 24, 2007, forty-eight (48) 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

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October 18, 2007
SDG: SL710

V. Comments

General

The following SAFs are associated with this SDG: W07-009, S07-009, I07-006, W07-007, I07-062, W07-008, S07-007, I07-061.

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.

Volatiles

Batch: 7262174
The CCV %D for Acrolein (-22%), Freon 114 (61 %), Allyl chloride (21 %), n- Hexane (24 %) and Bromomethane (77 %) is outside the established QC limits (20%). These analytes are not part of the analysis request and thus this excursion does not effect the data.

The opening CCV (LCAL 5930) recovery was outside the upper QC limit (greater than 20% RSD) for Carbon Disulfide (33 %) indicating a potential high bias for this analyte in the samples associated with this CCV. Carbon Disulfide was not detected above the reporting limit in the associated samples.

The MS/MSD recoveries for Tetrahydrofuran are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery. Carbon Tetrachloride is not reported in the MS/MSD due to the required dilution for this compound in the parent sample.

The MS/MSD Dibromofluoromethane surrogate recoveries are outside established QC limits. The sample chosen for MS/MSD has high levels of Carbon Tetrachloride which co-elutes with the DBFM and as a result the surrogate recovery is above the acceptable QC limits. The sample was diluted for Carbon Tetrachloride and the DBFM recovery is within acceptable limits.
Affected Samples:

F7I130148 (2): B1PK54	F7I140210 (6): B1P926
F7I130155 (1): B1P5X0	F7I140210 (8): B1P961
F7I140210 (2): B1P936	F7I140210 (10): B1P946
F7I140210 (4): B1P931	F7I140210 (12): B1P956

Batch: 7262174
The associated sample's surrogate recovery for DBFM is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. The sample has high levels of Carbon Tetrachloride which co-elutes with the DBFM and as a result the surrogate recovery is above the acceptable QC limit. The sample was diluted for Carbon Tetrachloride and the DBFM recovery is within acceptable limits.
Affected Samples:
F7I130155 (1): B1P5X0

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SDG: SL710

Batch: 7267292
The %D in the CCV (high recovery) was outside the method criteria (greater than 20% D) for several compounds indicating a potential high bias for the analytes in the samples associated with this CCV. The analytes were not detected above the reporting limit or not reported in the associated samples.

The MS/MSD RPD for three compounds are outside of the QC limits. Their recoveries are within the QC limits.
Affected Samples:

F7I130155 (1): B1P5X0	F7I180194 (1): B1PK57
F7I140210 (14): B1P951	F7I180197 (1): B1NXN9
F7I140210 (19): B1P8D7	F7I180197 (2): B1NXP6
F7I140210 (20): B1P8D8	F7I180197 (3): B1NXP9
F7I140243 (1): B1PK56	F7I180197 (4): B1NXR0

Batch: 7267292
The associated sample was analyzed at a dilution due to high concentrations of target analyte (Carbon Tetrachloride). The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7I130155 (1): B1P5X0

Batch: 7276217
The CCV %D for Isopropylbenzene, n-Propylbenzene, Freon-114, Bromomethane, Iodomethane, Acrolein, Allyl chloride, n- Hexane, Acetonitrile, Acrylonitrile, Cyclohexane, sec-Butylbenzene, 4-Isopropylbenzene and n-Butylbenzene are outside the established QC limits. These analytes are not part of the analysis request and thus this excursion does not effect the data.

The opening CCV (LCAL 6134) recovery was outside the upper QC limit (greater than 20% RSD) for Carbon Disulfide indicating a potential high bias for this analyte in the samples associated with this CCV. Carbon Disulfide was not detected above the reporting limit in the associated samples.

The CCV (LCAL 6134) 4-Bromofluorobenzene surrogate recovery was outside acceptable QC limits. Samples associated with this CCV had acceptable 4- Bromofluorobenzene surrogate recoveries. This anomaly appears to be isolated to the CCV and so sample data is not affected.
Affected Samples:

F7I240164 (1): B1PK58	F7I240168 (2): B1P681
F7I240168 (1): B1P689	F7I240168 (3): B1P5W3

Batch: 7276217
The associated sample was analyzed at a dilution due to high concentrations of target analyte (Carbon Tetrachloride). The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:

F7I240168 (1): B1P689	F7I240168 (3): B1P5W3
F7I240168 (2): B1P681	

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Batch: 7276217
The associated samples' surrogate recovery for DBFM is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. The sample has high levels of Carbon Tetrachloride which co-elutes with the DBFM and as a result the surrogate recovery is above the acceptable QC limit. The sample was diluted for Carbon Tetrachloride and the DBFM recovery is within acceptable limits.
Affected Samples:
F7I240168 (2): B1P681 F7I240168 (3): B1P5W3

Pesticides

In pesticide batch 7267080, half volumes were used for the extraction of the MS/MSD due to insufficient volume.

The LCS recovery for Heptachlor is outside the upper QC limit, indicating a potential positive bias for this analyte. This analyte was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

The MS and/or MSD recoveries for Heptachlor and Heptachlor epoxide are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F7I180197 (3): B1NXP9 F7I180197 (4): B1NXR0

Extractable Petroleum Hydrocarbons

Batch: 7261113
The associated sample was analyzed at a dilution due to the presence of matrix interferences. The reporting limit has been adjusted for the dilution.

The associated sample's surrogate recovery is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. This surrogate excursion was confirmed in the MS/MSD analysis.

The Method Blank surrogate recovery is outside acceptance limits. Samples, associated with this method blank, had the surrogate recovery outside the upper QC limit due to matrix interferences (see above).

The MSD recovery is outside the established QC limits. The RPD is not within method acceptance criteria. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F7I130151 (2): B1PDV3

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SDG: SL710

ICP Metals

Batch: 7268242
There was insufficient sample provided to perform the analysis at the method specified amount. A reduced sample amount was prepared. The reporting limit has been elevated accordingly.

The associated sample was analyzed at a dilution due to high concentrations of salts. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:
F7I240153 (1): B1P8L8

Batch: 7262217
Strontium was observed in the CCB above the reporting limit. Associated samples exhibited concentrations greater than ten (10) times the concentrations observed in the CCB, and did not require reanalysis.
Affected Samples:

F7I130151 (1): B1PDV2	F7I140210 (5): B1P925
F7I130154 (5): B1NY36	F7I140210 (7): B1P960
F7I130154 (6): B1NY38	F7I140210 (9): B1P945
F7I140210 (1): B1P935	F7I140210 (11): B1P955
F7I140210 (3): B1P930	F7I140210 (13): B1P950

Batch: 7262217
The associated samples were analyzed at a dilution due to high concentrations of salts. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:

F7I130154 (5): B1NY36	F7I140210 (5): B1P925
F7I130154 (6): B1NY38	F7I140210 (11): B1P955
F7I140210 (1): B1P935	F7I140210 (13): B1P950
F7I140210 (3): B1P930	

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 7257470 is attributed to matrix interference.
Affected Samples:
F7I130151 (2): B1PDV3

Total Organic Halogens

The associated sample's TOX container was received broken. The analysis was performed on an aliquot removed from the TOC container. Please refer to included IRF 07-095.
Affected Samples:
F7I140210 (21): B1P8F1

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There were no observations or nonconformances to report for the following analyses:

Ammonia
ICP-MS Metals
Oil & Grease
Total Organic Carbon
Volatile Petroleum Hydrocarbons

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

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

STL – St Louis ISSUE RESOLUTION FORM FOR CONTRACT 615 WITH BHI/WMH/PNNL

PNNL TRACKING NUMBER: 07-095

Date: June 21 2007 SAF Nos. W07-008

SDG: **SL710** LOGIN No.: **F7I140210** TEST: TOX

Sample No.(s) B1P8F1

Submitted By: Mike Franks Submitted To: Heidi Hampt

Phone No. 314-298-8566 x206 Phone No. 509-376-4319

Fax No. 314-298-8757 Fax No. 866-252-5816

ISSUE	PROPOSED RESOLUTION
The container for TOX analysis was received broken.	1)Perform the TOX analysis from the TOC bottle.

BHI/WMH/PNNL COMMENTS

Accept proposed resolution.

Heidi Hampt 9/17/07
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL710

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chloride	MCAWW 300.0A	MCAWW 300.0A
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Nitrate as NO3	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Oil & Grease (Gravimetric)	MCAWW 413.1	MCAWW 413.1
Organochlorine Pesticides	SW846 8081A	SW846 3520C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015 MOD	SW846 5030

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

SL710 : F7I120214

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6M1F	001	B1PJ05	09/11/07	08:36

NOTE(S):

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SAMPLE SUMMARY

SL710 : F7I130148

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6PV2	001	B1PFP5	09/12/07	11:52
J6PV3	002	B1PK54	09/12/07	12:04

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SAMPLE SUMMARY

SL710 : F7I130151

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6PWQ	001	B1PDV2	09/12/07	11:52
J6PWT	002	B1PDV3	09/12/07	11:52

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I130154

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6PXA	001	B1NY32	09/12/07	10:55
J6PXD	002	B1NY33	09/12/07	10:55
J6PXE	003	B1NY34	09/12/07	10:55
J6PXG	004	B1NY35	09/12/07	10:55
J6PXJ	005	B1NY36	09/12/07	10:55
J6PXM	006	B1NY38	09/12/07	10:55

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SAMPLE SUMMARY

SL710 : F7I130155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6PX2	001	B1P5X0	09/12/07	12:04

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I140210

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VJV	001	B1P935	09/13/07	11:43
J6VKE	002	B1P936	09/13/07	11:43
J6VKM	003	B1P930	09/13/07	10:49
J6VKR	004	B1P931	09/13/07	10:49
J6VKW	005	B1P925	09/13/07	11:43
J6VLD	006	B1P926	09/13/07	11:43
J6VLF	007	B1P960	09/13/07	13:29
J6VLG	008	B1P961	09/13/07	13:29
J6VMG	009	B1P945	09/13/07	12:39
J6VMJ	010	B1P946	09/13/07	12:39
J6VMP	011	B1P955	09/13/07	11:08
J6VMR	012	B1P956	09/13/07	11:08
J6VMV	013	B1P950	09/13/07	11:54
J6VMX	014	B1P951	09/13/07	11:54
J6VM2	015	B1P8D3	09/13/07	09:15
J6VM4	016	B1P8D4	09/13/07	09:15
J6VM5	017	B1P8D5	09/13/07	09:15
J6VM6	018	B1P8D6	09/13/07	09:15
J6VM7	019	B1P8D7	09/13/07	09:15
J6VQT	020	B1P8D8	09/13/07	08:00
J6VQX	021	B1P8F1	09/13/07	08:00
J6VQ0	022	B1P8F2	09/13/07	08:00
J6VQ3	023	B1P8F3	09/13/07	08:00
J6VQ6	024	B1P8F4	09/13/07	08:00

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I140243

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J6VTK	001	B1PK56	09/13/07	09:15

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I180194

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J639H	001	B1PK57	09/17/07	10:13

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I180197

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J639R	001	B1NXN9	09/17/07	11:19
J639W	002	B1NXP6	09/17/07	12:46
J6390	003	B1NXP9	09/17/07	10:13
J6395	004	B1NXR0	09/17/07	08:15

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I240153

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7H5F	001	B1P8L8	09/21/07	14:15

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I240157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7H55	001	B1P5B0	09/21/07	14:18

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I240164

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7H7K	001	B1PK58	09/21/07	08:45

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(Continued on next page)

SAMPLE SUMMARY

SL710 : F7I240168

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7H8E	001	B1P689	09/21/07	12:39
J7H8R	002	B1P681	09/21/07	10:57
J7H8V	003	B1P5W3	09/21/07	08:45

NOTE(S):

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SDG# SL7100

3 1/2 5.

FLUOR HANFORD

52710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-009-338

Page 1 of 1

Collector Dave Williamson, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, SEPTEMBER 2007	Logbook: HNF-N-506-9	**Ice Chest No.** SAWS-020 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7997 1289 2386
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PJ05		W	9/11/07	0836	1x20-mL P	Activity Scan	None
B1PJ05		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C

R.W. Wall 9/11/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson		SEP 11 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			9-12-07 09:15	Angela Burnson			9-12-07 9:15
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 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
Detailed Results

Quick Help

Tracking number	799712892386	**Reference**	SAWS-020
Signed for by	A.BRUNSON	**Destination**	Earth City, MO
Ship date	Sep 11, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 12, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 12, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:45 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:40 AM	At local FedEx facility	EARTH CITY, MO	
	6:35 AM	At dest sort facility	BERKELEY, MO	
	4:56 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 11, 2007	5:16 PM	Left origin	PASCO, WA	
	4:27 PM	Package data transmitted to FedEx		
	4:09 PM	Picked up	PASCO, WA	

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

E-mail address	**Language**	**Exception updates**	**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): FTI120214

Condition Upon Receipt Form

Client: Flor Hanford
Quote No: 76775
COC/RFA No: W07-009
Initiated By: MB
Date: 9-12-07
Time: 9:15

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7997 1289 2386
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:

W07-009-338

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: 09-12-07

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# SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-40

Page 1 of 1

Collector: Fluor Hanford K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, SEPTEMBER 2007	HWF-N-506-7	Ice Chest No.: GRP-03-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7917 61496778
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PFP5		W	9-12-07	1152	1x20-mL P	Activity Scan	None
B1PFP5		W	↓	↓	3x1000-mL G	413.1_OILGREASE: Oil and Grease (1)	HCl to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford K.B. HULSE	SEP 12 2007 1400	Fed Ex	
FEDEX	9-13-07 09:15	Angela Brown	9-13-07 9:15

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: SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-262

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, SEPTEMBER 2007	HNF-N-506-5	Ice Chest No.: GW0-06-3 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7924 1715 1537
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PK54		W	9/12/07	1204	1x20-mL P	Activity Scan	None
B1PK54		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

9/12/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			9-12-07 1430	Fed Ex			
Relinquished By: Fed Ex			9-13-07 09:15	Received By: Angela Burson			9-13-07 9:15
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 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

07 0230

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792417151537	**Reference**	GWO-06-3
Ship date	Sep 12, 2007	**Destination**	Earth City, MO
		Service type	Priority Overnight
		Weight	46.0 lbs.
Status	At FedEx destination		

Date/Time		Activity	Location	Details
Sep 13, 2007	6:47 AM	~~At local FedEx facility~~ Delivered	EARTH CITY, MO	
	5:55 AM	At dest sort facility jw 10-18-07	BERKELEY, MO	
	4:40 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 12, 2007	6:02 PM	Left origin	PASCO, WA	
	4:01 PM	Picked up	PASCO, WA	
	3:32 PM	Package data transmitted to FedEx		

E-mail results | Track more shipments/orders

Subscribe to tracking updates (optional)

Your Name: _____ **Your E-mail Address:** _____

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791761496778	**Reference**	GRP-03-019
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 12, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 13, 2007 9:12 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 13, 2007	9:12 AM	**Delivered**	Earth City, MO	
	7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:05 AM	At local FedEx facility	EARTH CITY, MO	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 12, 2007	6:02 PM	Left origin	PASCO, WA	
	4:01 PM	Picked up	PASCO, WA	
	3:39 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

Your Name: _____ **Your E-mail Address:** _____

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTI130148, 151, 154, 155

- 310 -

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 76781, 76780, 75996, 76407
COC/RFA No: See Below
Initiated By: NB
Date: 9-13-07
Time: 9:15

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7917 6149 6778
2. 7924 1715 1537
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

1. 2
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: I07-0616-23
S07-009-040, 262
W07-007-89, 90
I07-062-278

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: 09-14-07

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# SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-066-23

Page 1 of 1

Collector Fluor Hanford K. B. HULSE	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. I07-066	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100NR2IAM-LOI, SEPTEMBER 2007	HAF-N-506-7	Ice Chest No. GFF-03 019 Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7917 6149 6778
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PDV2 (F)		W	9-12-07	1152	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1PDV3		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool~4C
B1PDV3		W			1x20-mL P	Activity Scan	None
B1PDV3		W			3x1000-mL G	413.1_OILGREASE: Oil and Grease (1)	HCl to pH <2 Cool~4C
B1PDV3		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1PDV3		W			4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford K. B. HULSE		KB Hulse	SEP 12 2007 1100	FedEX			SEP 12 2007
Relinquished By FedEx			Date/Time 9-13-07 09:15	Received By Angela Brown			Date/Time 9-13-07 9:15
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 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	791761496778	**Reference**	GRP-03-019
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 12, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 13, 2007 9:12 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 13, 2007	9:12 AM	**Delivered**	Earth City, MO	
	7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:05 AM	At local FedEx facility	EARTH CITY, MO	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 12, 2007	6:02 PM	Left origin	PASCO, WA	
	4:01 PM	Picked up	PASCO, WA	
	3:39 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTT130148, 151, 154, 155

- 310 -

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 76781, 76780, 75996, 76407
COC/RFA No: See Below
Initiated By: NB
Date: 9-13-07
Time: 9:15

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7917 6149 6778
2. 7924 1715 1537
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

1. 2
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: I07-0666-23
S07-009-040, 262
W07-007-89, 90
I07-062-278

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: 09-14-07

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# SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-007-89**

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-007	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, JULY 2007	HNF-N-506-5	**Ice Chest No.** 6W0-06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1715 1537
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY32		W	9/12/07	1055	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY32		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY33		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY33		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY34		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY34		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY35		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NY35		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NY36 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY37		W			1x20-mL P	Activity Scan	None
			9/12/07				

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		9-12-07/1430	FedEx			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			9-13-07 09:15	Angela Brown			9-13-07 9:15
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 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# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-90

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JULY 2007	HNF-N-506-5	Ice Chest No.: GW0-06-3 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7924 1715 1537
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY38 (F)		W	9/12/07	1055	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY39		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			9-12-07/1430	FedEx			
FedEx			9-13-07 09:15	Angela Buoon			9-13-07 9:15

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

5 9 2 3 0

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792417151537	**Reference**	GWO-06-3
Ship date	Sep 12, 2007	**Destination**	Earth City, MO
		Service type	Priority Overnight
		Weight	46.0 lbs.
Status	At FedEx destination		

Date/Time		Activity	Location	Details
Sep 13, 2007	6:47 AM	~~At local FedEx facility~~ Delivered	EARTH CITY, MO	
	5:55 AM	At dest sort facility jw 10-18-07	BERKELEY, MO	
	4:40 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 12, 2007	6:02 PM	Left origin	PASCO, WA	
	4:01 PM	Picked up	PASCO, WA	
	3:32 PM	Package data transmitted to FedEx		

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): FTI130148, 151, 154, 155

- 310 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 9-13-07
Quote No: 76781, 76780, 75996, 76407 Initiated By: MB Time: 9:15

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7917 6149 6778
2. 7924 1715 1537
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
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: I07-0606-23
S07-009-040, 262
W07-007-89, 90
I07-062-278

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 09-14-07

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# SL710

FLUOR HANFORD 5L710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-062-278**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1-LOI, AUGUST 2007	HNF-N-506-5	**Ice Chest No.** GW0-06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1715 1537
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P5X0		W	9/12/07	1204	1x20-mL P	Activity Scan	None
B1P5X0		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

9/12/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			9-12-07 1430	Fedex			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			9-13-07 09:15	Angela Brown			9-13-07 9:15
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 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

08 230

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792417151537	**Reference**	GWO-06-3
Ship date	Sep 12, 2007	**Destination**	Earth City, MO
		Service type	Priority Overnight
		Weight	46.0 lbs.
Status	At FedEx destination		

Date/Time		Activity	Location	Details
Sep 13, 2007	6:47 AM	~~At local FedEx facility~~ Delivered	EARTH CITY, MO	
	5:55 AM	At dest sort facility jw 10-18-07	BERKELEY, MO	
	4:40 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 12, 2007	6:02 PM	Left origin	PASCO, WA	
	4:01 PM	Picked up	PASCO, WA	
	3:32 PM	Package data transmitted to FedEx		

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): FTI130148, 151, 154, 155

- 310 -

Condition Upon Receipt Form

Client: Elwa Hanford COC/RFA No: See Below Date: 9-13-07
Quote No: 76781, 76780, 75996, 76407 Initiated By: MB Time: 9:15

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*
1. 7917 6149 6778
2. 7924 1715 1537
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
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: I07-0606-23
S07-009-040, 262
W07-007-89, 90
I07-062-278

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 09-17-07

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.

SDF# SL710 74408

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-587

Page 1 of 1

Collector Steve Overdahl Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HWF-N-506 10	**Ice Chest No.** SML 137 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1829 2282
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P935 (F)		W	9-13-07	1143	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P935 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P936		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P936		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P936		W			1x20-mL P	Activity Scan	None
B1P936		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl Fluor Hanford			SEP 13 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-14-07 09:00	Angela Brown			9-14-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-579

Page 1 of 1

Collector Steve Overdahl, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HWF-N-506 10	**Ice Chest No.** SML 137 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1829 2282
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P930 (F)		W	9-13-07	1049	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P930 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P931		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P931		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P931		W			1x20-mL P	Activity Scan	None
B1P931		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	SEP 13 2007 1400	FED EX	
FEDEX	9-14-07 09:00	Angela Bason	9:00 9-14-07

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

SDG# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-571

Collector Fluor Hanford K. B. HULSE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506-5	**Ice Chest No.** SML-137 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 18292282
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P925 (F)		W	9/13/07	1143	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P925 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P926		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P926		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P926		W			1x20-mL P	Activity Scan	None
B1P926		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford K. B. HULSE			9/13/07 1430	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-14-07 0900	Angela Burson			9-14-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL710

FLUOR HANFORD

Dave Williamson

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-627

Collector Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** SML-137 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1829 2282
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P960 (F)		W	9/13/07	1329	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P960 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P961		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P961		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P961		W			1x20-mL P	Activity Scan	None
B1P961		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

L. Wall 9/13/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Dave Williamson / Dave Williamson	SEP 13 2007 1430	FEDEX	
FEDEX	9-14-07 09:00	Angela Brown	9-14-07 9:00

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

44

230

TestAmerica St. Louis

SDG# SL7109

SL710

FLUOR HANFORD

Dave Williamson

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-603**

Page 1 of 1

Collector Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** SMC-137 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7924 1829 2282
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P945 (F)		W	9/13/07	1239	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P945 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P946		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P946		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P946		W			1x20-mL P	Activity Scan	None
B1P946		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

L. Wall 9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson Fluor Hanford	Dave Williamson		SEP 13 2007 1430	FEDEX			
Relinquished By: Fed Ex			9-14-07 09:00	Received By: Angela Brown			9-14-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL710

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-619**

Page 1 of 1

Collector ~~Dave Williamson~~ Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ERC-02-101 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7908 2788 4890
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P955 (F)		W	9/13/07	1100	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P955 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P956		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P956		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P956		W			1x20-mL P	Activity Scan	None
B1P956		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

L Wall 9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~Dave Williamson~~ Fluor Hanford	Dave Wall		SEP 13 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FED ex			9-14-07 09:00	Angela Brown			9-14-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL710

FLUOR HANFORD

Dave Williamson

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-611

Page 1 of 1

Collector Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ERC-02-101 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7908 2788 4890
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P950 (F)		W	9/13/07	1154	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P950 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P951		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P951		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P951		W			1x20-mL P	Activity Scan	None
B1P951		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C

R Wells 9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson Fluor Hanford		Dave Williamson	SEP 13 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			9-14-07 09:00	Angela Buson			9-14-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL7109

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-651

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-9	Ice Chest No.: ERC-02-101 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7908 2788 4890
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8D3		W	9/13/07	0915	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8D4		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D4		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8D5		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D5		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8D6		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8D7		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D7		W			1x20-mL P	Activity Scan	None

K. Wall 9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford		Dave Williamson	SEP 13 2007 1430	FEDEX			
FEDEX			9-14-07 09:00	Angela Burton			9-14-07 9:00

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# SL710

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-652

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-9	Ice Chest No.: ERC-02-101 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7908 2788 4890
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8D8		W	9/13/07	0800	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P8D8		W			1x20-mL P	Activity Scan	None
B1P8F1		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8F1		W			1x1000-mL aGs*	9020_TOX: TOX (1) - received broken AB 9-14-07	H2SO4 to pH <2 Cool~4C
B1P8F2		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8F2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8F3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8F3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P8F4		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8F4		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

K. Wall 9/13/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson		SEP 13 2007 1430	FEDEX			
Relinquished By: Fed Ex			9-14-07 09:00	Received By: Angela Brown			9-14-07 9:00
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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Track Shipments
Detailed Results

Quick Help

Tracking number	792418292282	**Reference**	SML-137
Signed for by	A.BRUNSON	**Destination**	Earth City, MO
Ship date	Sep 13, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 14, 2007 8:55 AM	**Service type**	Priority Overnight
		Weight	57.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 14, 2007	8:55 AM	**Delivered**	Earth City, MO	
	6:58 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:52 AM	At local FedEx facility	EARTH CITY, MO	
	6:03 AM	At dest sort facility	BERKELEY, MO	
	12:55 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 13, 2007	5:40 PM	Left origin	PASCO, WA	
	4:19 PM	Package data transmitted to FedEx		
	4:00 PM	Picked up	PASCO, WA	

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments
Detailed Results

Quick Help

Tracking number	790827884890	**Reference**	BRC-02-101
Signed for by	A.BRUNSON	**Destination**	Earth City, MO
Ship date	Sep 13, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 14, 2007 8:55 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 14, 2007	8:55 AM	**Delivered**	Earth City, MO	
	7:43 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:56 AM	At local FedEx facility	EARTH CITY, MO	
	6:03 AM	At dest sort facility	BERKELEY, MO	
	4:36 AM	Departed FedEx location	MEMPHIS, TN	
	12:55 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 13, 2007	5:40 PM	Left origin	PASCO, WA	
	4:00 PM	Picked up	PASCO, WA	
	3:11 PM	Package data transmitted to FedEx		

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

E-mail address	**Language**	**Exception updates**	**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): F7I140210
243

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 9-14-07
Quote No: 76408, 76781 Initiated By: MB Time: 9:00

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7924 1829 2282
2. 7908 2788 4890
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 6.0
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:
COC-W07-008-587, 579, 571, 627, 603, 619, 611, 651, 652
S07-009

COC-W07-008
Received B1p 8F1(1VLG; TOX) 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: 09-15-07

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# SL710 76761

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-264

Page 1 of 1

Collector Dave Williamson, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ERC-02-101 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7908278848 90
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PK56		W	9/13/07	0915	1x20-mL P	Activity Scan	None
B1PK56		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

D. Williams 9/13/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Dave Williamson, Fluor Hanford — Dave Williamson	SEP 13 2007 1430	FEDEX	
Fedex	9-14-07 09:00	Angela Brown	9-14-07 9:00

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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Track Shipments
Detailed Results

Quick Help

Tracking number	790827884890	**Reference**	BRC-02-101
Signed for by	A.BRUNSON	**Destination**	Earth City, MO
Ship date	Sep 13, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 14, 2007 8:55 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 14, 2007	8:55 AM	**Delivered**	Earth City, MO	
	7:43 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:56 AM	At local FedEx facility	EARTH CITY, MO	
	6:03 AM	At dest sort facility	BERKELEY, MO	
	4:36 AM	Departed FedEx location	MEMPHIS, TN	
	12:55 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 13, 2007	5:40 PM	Left origin	PASCO, WA	
	4:00 PM	Picked up	PASCO, WA	
	3:11 PM	Package data transmitted to FedEx		

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

E-mail address	**Language**	**Exception updates**	**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): F7I140210
243

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 9-14-07
Quote No: 76408, 76781 Initiated By: MB Time: 9:00

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7924 1829 2282
2. 7908 2788 4890
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 20
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:
COC#-W07-008
S07-009-264

COC-W07-008
Received B1P8F1(1VLG; TOX) 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: 09-15-07

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# SL710

FLUOR HANFORD SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-265**

Page 1 of 1

Collector Dave Williamson Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	HNF-N-506-7	**Ice Chest No.** FRC-99-057 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925 6345 4948
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PK57		W	9-17-07	1013	1x20-mL P	Activity Scan	None
B1PK57		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson Fluor Hanford	Dave Williamson		SEP 17 2007 1400	FedEx			
FedEx			9-18-07 09:15	B-Si			9/18/07 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

6 of 6 0230

Track Shipments
Detailed Results

Quick Help

Tracking number	792563454948	**Reference**	ERC-99-057
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 17, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 18, 2007 9:11 AM	**Service type**	Priority Overnight
		Weight	57.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 18, 2007	9:11 AM	**Delivered**	Earth City, MO	
	6:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:07 AM	At dest sort facility	BERKELEY, MO	
	4:07 AM	Departed FedEx location	MEMPHIS, TN	
	12:53 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 17, 2007	5:28 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:29 PM	Package data transmitted to FedEx		

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

E-mail address	**Language**	**Exception updates**	**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): F7I180194 197

- 324 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76781, 75995
COC/RFA No: See below
Initiated By: DO
Date: 9/18/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7925 6345 4948
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 3
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. S07-007-260, 274, 280, 281, S07-009-265

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: 09-19-07

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.

SDG# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-260

Page 1 of 1

Collector: Dave Williamson	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF Filer: Hanford S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HNF-N-506-7	Ice Chest No. 7925 6395 4948 Temp.
Shipped To (Lab): Severn Trent 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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXN9		W	9-17-07	1119	1x20-mL P	Activity Scan	None
B1NXN9		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson Fluor Hanford	Dave Willi		SEP 17 2007 1400	FedEx			
Relinquished By: FedEx			09-18-07 09:15	Received By: B-Lil			9/18/07 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

09 0230

SDG# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-274

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HNF-N-506-7	Ice Chest No.: ERC-95-05-7 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925 6345 4948
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXP6		W	9-17-07	1400	1x20-mL P	Activity Scan	None
B1NXP6		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Dave Williamson, Fluor Hanford — Dave Williamson	SEP 17 2007 1400	FedEx	
FedEx	09-18-07 09:15	B-R	9/18/07 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

0023030

SDG# SL710

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-280

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HAF-N-506-7	Ice Chest No. Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 79256345 4948
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXP9		W	9-17-07	1013	1x20-mL P	Activity Scan	None
B1NXP9		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NXP9		W			2x1000-mL aG	8081_PEST_GC: List-1 (19)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson	Dave Williamson	SEP 17 2007 1400	FedEx			
FedEx			09-18-07 09:15				9/18/07 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

01 0230

SDG# SL710

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-281

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	#NF-N-5067	Ice Chest No.: 7925 Temp.: 6345 4948
Shipped To (Lab): Severn Trent 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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXR0		W	9-17-07	0815	1x20-mL P	Activity Scan	None
B1NXR0		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NXR0		W	↓	↓	2x1000-mL aG	8081_PEST_GC: List-1 (19)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson		SEP 17 2007 1400	FedEx			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex			09-18-07 09:15				9/18/07 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

02 0230

Track Shipments
Detailed Results

Quick Help

Tracking number	792563454948	**Reference**	ERC-99-057
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 17, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 18, 2007 9:11 AM	**Service type**	Priority Overnight
		Weight	57.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 18, 2007	9:11 AM	**Delivered**	Earth City, MO	
	6:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:07 AM	At dest sort facility	BERKELEY, MO	
	4:07 AM	Departed FedEx location	MEMPHIS, TN	
	12:53 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 17, 2007	5:28 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:29 PM	Package data transmitted to FedEx		

Signature proof | E-mail results | Track more shipments

Subscribe to tracking updates (optional)

Your Name: **Your E-mail Address:**

E-mail address	**Language**	**Exception updates**	**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): F7I180194
197

- 324 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 74784, 75995
COC/RFA No: See below
Initiated By: DO
Date: 9/18/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7925 6345 4948
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 3
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. S07-007-260, 274, 280, 281, S07-009-265

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: 09-19-07

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.

SDG# SL710

FLUOR HANFORD

SL710

cur 460

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-163

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 5	Ice Chest No.: 6RP-04-005 Temp.
Shipped To (Lab): Severn Trent 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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

WSCF: Batch all GW samples submitted into one SDG, daily closure.

All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8L8 (F)		W	9-21-07	1415	1x50-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8L9		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	SEP 21 2007 1400	FED EX	
FedEx	9-24-07 10:30	09.24.07	1030

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	798269785120	**Reference**	GRP-04-005
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Sep 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 24, 2007 9:57 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 24, 2007	9:57 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:22 AM	At local FedEx facility	EARTH CITY, MO	
	3:01 AM	At dest sort facility	BERKELEY, MO	
Sep 23, 2007	5:52 PM	Departed FedEx location	MEMPHIS, TN	
	4:18 PM	In transit	MEMPHIS, TN	
Sep 22, 2007	3:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 21, 2007	5:22 PM	Left origin	PASCO, WA	
	5:09 PM	Package data transmitted to FedEx		
	3:53 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
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Lot #(s): FTI240153
157
164
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 76400, 76440, 76261, 76407
COC/RFA No: Nelson
Initiated By:
Date: 09.24.07
Time: 1030

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 1982 6978 5120
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 4°
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:
FedX has been kicking this around since 9.21.

W07-008-163
I07-061-5
S07-009-266
I07-062-124, 108, 264

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Michael [illegible] Date: 09.24.07

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# SL710

31

FLUOR HANFORD SL 710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-061-5**

Page 1 of 1

Collector Fluor Hanford ~~D. R. BREWINGTON~~	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-061	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** GRP-04-005
Project Title 2UP1-LOL AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ~~Stick-1~~ **Temp.** RW. 9/21/07
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 6978 5120
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P5B0 (F)		W	9/21/07	1418	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5B1		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wall 9/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		SEP 21 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			9-24-07 10:30			09.24.07	1030
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

08 0230

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798269785120	**Reference**	GRP-04-005
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Sep 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 24, 2007 9:57 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 24, 2007	9:57 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:22 AM	At local FedEx facility	EARTH CITY, MO	
	3:01 AM	At dest sort facility	BERKELEY, MO	
Sep 23, 2007	5:52 PM	Departed FedEx location	MEMPHIS, TN	
	4:18 PM	In transit	MEMPHIS, TN	
Sep 22, 2007	3:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 21, 2007	5:22 PM	Left origin	PASCO, WA	
	5:09 PM	Package data transmitted to FedEx		
	3:53 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:

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☐ 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): F7I240153
157
164
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 76400, 76440, 76261, 76407
COC/RFA No: Below
Initiated By: [illegible]
Date: 09.24.07
Time: 1030

Shipping Information

Shipper Name: FedX
Shipping # (s):*

1.	1982 6978 5120	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

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

1.	4°	6.	
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:

FedX has been kicking this around since 9.21.

W07-008-163
I07-061-5
S07-009-266
I07-062-124, 108, 264

Corrective Action:

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

Project Management Review: [illegible] Date: 09.24.07

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# SL710

FLUOR HANFORD SL710

CUR 466

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-266**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** GRP-04-005
Project Title SURV, SEPTEMBER 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ~~Stick-1~~ **Temp.** 9/21/07
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 6978 5120
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PK58		W	9/21/07	0845	1x20-mL P	Activity Scan	None
B1PK58		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

L. Wells 9/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		SEP 21 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
RODEX			9.21.07 10:30				09.24.07 1030
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

SL1 0230

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798269785120	**Reference**	GRP-04-005
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Sep 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 24, 2007 9:57 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 24, 2007	9:57 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:22 AM	At local FedEx facility	EARTH CITY, MO	
	3:01 AM	At dest sort facility	BERKELEY, MO	
Sep 23, 2007	5:52 PM	Departed FedEx location	MEMPHIS, TN	
	4:18 PM	In transit	MEMPHIS, TN	
Sep 22, 2007	3:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 21, 2007	5:22 PM	Left origin	PASCO, WA	
	5:09 PM	Package data transmitted to FedEx		
	3:53 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): F7I240153, 157, 164, 168

Condition Upon Receipt Form

Client: Hanford
Quote No: 76400, 76440, 76261, 76407
COC/RFA No: Below
Initiated By: [illegible]
Date: 09.24.07
Time: 1030

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 1982 6978 5120
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 4°
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:

FedX has been kicking this around since 9.21.

W07-008-163
I07-061-5
S07-009-266
I07-062-124, 108, 264

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: 09-24-07

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

SDF# SL710

FLUOR HANFORD SL710

Fluor Hanford

cwk 4660

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-062-124**

Page 1 of 1

Collector D. R. BREWINGTON	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** GRP-04-005
Project Title 2ZP1-LOI, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ~~Stick-T~~ **Temp.** Amb. 9/21/07
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 1978 5720
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P689		W	9/21/07	1239	1x20-mL P	Activity Scan	None
B1P689		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

L. Wall 9/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			SEP 21 2007 1430	FEDEX			
FEDEX			9-24-07 10:30				09.24.07 1030

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

4 0 2230

SDG# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-108

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 9/21/07 ORP-04-005
Project Title: 2ZP1-LOI, AUGUST 2007	Logbook: HNF-N-506-9	Ice Chest No.: Stack-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7982 6978 5120
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P681		W	9/21/07	1057	1x20-mL P	Activity Scan	None
B1P681		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

J. Wall 9/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			SEP 21 2007 1430	FEDEX			
Relinquished By: FEDEX			9-24-07 10:30	Received By			09.24.07 1030
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

5 0 2 3 0

SDG# SL710

FLUOR HANFORD

SL710

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-264

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869	MSIN / FAX
AF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code	
Project Title: 2ZP1-LOL AUGUST 2007	Logbook: HNF-N-506-9	Ice Chest No.: ~~Stick-T~~ GRP-04-005	Temp: 9/21/07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7982 6978 5120	
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 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P5W3		W	9/21/07	0845	1x20-mL P	Activity Scan	None
B1P5W3		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wood 9/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			SEP 21 2007 1430	FEDEX			
Relinquished By: FED EX			9.24.07 10:30	Received By			09.24.07 1030
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	798269785120	**Reference**	GRP-04-005
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Sep 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 24, 2007 9:57 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 24, 2007	9:57 AM	**Delivered**	Earth City, MO	
	7:29 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:22 AM	At local FedEx facility	EARTH CITY, MO	
	3:01 AM	At dest sort facility	BERKELEY, MO	
Sep 23, 2007	5:52 PM	Departed FedEx location	MEMPHIS, TN	
	4:18 PM	In transit	MEMPHIS, TN	
Sep 22, 2007	3:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 21, 2007	5:22 PM	Left origin	PASCO, WA	
	5:09 PM	Package data transmitted to FedEx		
	3:53 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
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	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): F7I240153
157
164
168

- 466 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76400, 76440, 76261, 76407
COC/RFA No: Nelson
Initiated By: B
Date: 09.24.07
Time: 1030

Shipping Information

Shipper Name: FedX
Shipping # (s):*

1.	1982 6978 5120	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

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

1.	4°	6.	
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:

FedX has been kicking this around since 9.21.

W07-008-163
I07-061-5
S07-009-266
I07-062-124, 108, 264

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: 09.24.07

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

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1PK54

GC/MS Volatiles

Lot-Sample #...: F7I130148-002 **Work Order #...:** J6PV31AC **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.83 J**	**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	ND	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	106	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1PK54

GC/MS Volatiles

Lot-Sample #: F7I130148-002 **Work Order #:** J6PV31AC **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: B1P5X0

GC/MS Volatiles

Lot-Sample #...: F7I130155-001 **Work Order #...:** J6PX21AC **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**5.6**	**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	**0.62 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	107	(69 - 119)
Dibromofluoromethane	180 *	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5X0

GC/MS Volatiles

Lot-Sample #: F7I130155-001 **Work Order #:** J6PX21AC **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: B1P5X0

GC/MS Volatiles

Lot-Sample #...: F7I130155-001 **Work Order #...:** J6PX22AC **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**220 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P936

GC/MS Volatiles

Lot-Sample #...: F7I140210-002 **Work Order #...:** J6VKE1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.46 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.21 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	**1.1**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.39 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	109	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P936

GC/MS Volatiles

Lot-Sample #: F7I140210-002 **Work Order #:** J6VKE1AC **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: B1P931

GC/MS Volatiles

Lot-Sample #...: F7I140210-004 **Work Order #...:** J6VKR1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.42 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	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	**1.1**	**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	**0.43 J**	**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	107	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P931

GC/MS Volatiles

Lot-Sample #: F7I140210-004 **Work Order #:** J6VKR1AC **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: B1P926

GC/MS Volatiles

Lot-Sample #...: F7I140210-006 **Work Order #...:** J6VLD1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.42 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.31 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	**1.2**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.37 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	110	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P926

GC/MS Volatiles

Lot-Sample #: F7I140210-006 **Work Order #:** J6VLD1AC **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: B1P961

GC/MS Volatiles

Lot-Sample #...: F7I140210-008 **Work Order #...:** J6VLG1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.19 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	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	**1.0**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.39 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	**0.23 J**	**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	106	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P961

GC/MS Volatiles

Lot-Sample #: F7I140210-008 **Work Order #:** J6VLG1AC **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: B1P946

GC/MS Volatiles

Lot-Sample #...: F7I140210-010 **Work Order #...:** J6VMJ1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.27 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.91 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.50 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	**0.41 J**	**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	105	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P946

GC/MS Volatiles

Lot-Sample #: F7I140210-010 **Work Order #:** J6VMJ1AC **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: B1P956

GC/MS Volatiles

Lot-Sample #...: F7I140210-012 **Work Order #...:** J6VMR1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
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	**0.21 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.74 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.57 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	**0.52 J**	**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	106	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P956

GC/MS Volatiles

Lot-Sample #: F7I140210-012 **Work Order #:** J6VMR1AC **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: B1P951

GC/MS Volatiles

Lot-Sample #...: F7I140210-014 **Work Order #...:** J6VMX1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**0.32 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.89 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.59 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	**0.71 J**	**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	104	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P951

GC/MS Volatiles

Lot-Sample #: F7I140210-014 **Work Order #:** J6VMX1AC **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: B1P8D7

GC/MS Volatiles

Lot-Sample #...: F7I140210-019 **Work Order #...:** J6VM71AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**0.15 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.29 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.52 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.58 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	105	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P8D7

GC/MS Volatiles

Lot-Sample #: F7I140210-019 **Work Order #:** J6VM71AC **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: B1P8D8

GC/MS Volatiles

Lot-Sample #...: F7I140210-020 **Work Order #...:** J6VQT1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**1.8**	**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	ND	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	105	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

Fluor Hanford Inc

B1P8D8

GC/MS Volatiles

Lot-Sample #: F7I140210-020 **Work Order #:** J6VQT1AC **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: B1PK56

GC/MS Volatiles

Lot-Sample #...: F7I140243-001 **Work Order #...:** J6VTK1AC **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**6.1**	**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	ND	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	103	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

Fluor Hanford Inc

B1PK56

GC/MS Volatiles

Lot-Sample #: F7I140243-001 **Work Order #:** J6VTK1AC **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: B1PK57

GC/MS Volatiles

Lot-Sample #...: F7I180194-001 **Work Order #...:** J639H1AC **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**1.6**	**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	ND	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	103	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

Fluor Hanford Inc

B1PK57

GC/MS Volatiles

Lot-Sample #: F7I180194-001 **Work Order #:** J639H1AC **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: B1NXN9

GC/MS Volatiles

Lot-Sample #...: F7I180197-001 **Work Order #...:** J639R1AC **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	ND	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	107	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

Fluor Hanford Inc

B1NXN9

GC/MS Volatiles

Lot-Sample #: F7I180197-001 **Work Order #:** J639R1AC **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: B1NXP6

GC/MS Volatiles

Lot-Sample #...: F7I180197-002 **Work Order #...:** J639W1AC **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	ND	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	103	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

Fluor Hanford Inc

B1NXP6

GC/MS Volatiles

Lot-Sample #: F7I180197-002 **Work Order #:** J639W1AC **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: B1NXP9

GC/MS Volatiles

Lot-Sample #...: F7I180197-003 **Work Order #...:** J63901AD **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	ND	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	103	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

Fluor Hanford Inc

B1NXP9

GC/MS Volatiles

Lot-Sample #: F7I180197-003 **Work Order #:** J63901AD **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: B1NXR0

GC/MS Volatiles

Lot-Sample #...: F7I180197-004 **Work Order #...:** J63951AD **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
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	**1.8**	**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	ND	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	104	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

Fluor Hanford Inc

B1NXR0

GC/MS Volatiles

Lot-Sample #: F7I180197-004 **Work Order #:** J63951AD **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: B1PK58

GC/MS Volatiles

Lot-Sample #...: F7I240164-001 **Work Order #...:** J7H7K2AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
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	**7.3 B**	**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	ND	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	**0.38 J**	**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	107	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	97	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1PK58

GC/MS Volatiles

Lot-Sample #: F7I240164-001 **Work Order #:** J7H7K2AC **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: B1P689

GC/MS Volatiles

Lot-Sample #...: F7I240168-001 **Work Order #...:** J7H8E2AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
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	**0.75 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
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.15 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	102	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	90	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P689

GC/MS Volatiles

Lot-Sample #: F7I240168-001 **Work Order #:** J7H8E2AC **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: B1P689

GC/MS Volatiles

Lot-Sample #...: F7I240168-001 **Work Order #...:** J7H8E3AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 2 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**40 D**	**2.0**	**ug/L**	**0.20**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P681

GC/MS Volatiles

Lot-Sample #...: F7I240168-002 **Work Order #...:** J7H8R2AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
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	**14**	**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	**3.1**	**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	105	(69 - 119)
Dibromofluoromethane	158 *	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Fluor Hanford Inc

B1P681

GC/MS Volatiles

Lot-Sample #: F7I240168-002 **Work Order #:** J7H8R2AC **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: B1P681

GC/MS Volatiles

Lot-Sample #...: F7I240168-002 **Work Order #...:** J7H8R3AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**2300 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	100	(74 - 134)
1,2-Dichloroethane-d4	99	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P5W3

GC/MS Volatiles

Lot-Sample #...: F7I240168-003 **Work Order #...:** J7H8V2AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
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	**0.74 J,B**	**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	**13**	**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	**9.2**	**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	103	(69 - 119)
Dibromofluoromethane	182 *	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1P5W3

GC/MS Volatiles

Lot-Sample #: F7I240168-003 **Work Order #:** J7H8V2AC **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: B1P5W3

GC/MS Volatiles

Lot-Sample #...: F7I240168-003 **Work Order #...:** J7H8V3AC **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**1600 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J65R81AA **Matrix.....:** WATER
MB Lot-Sample #: F7I190000-174

Prep Date.....: 09/18/07
Analysis Date..: 09/18/07 **Prep Batch #...:** 7262174
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	89	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7I190000-174 B **Work Order #:** J65R81AA **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 #...: SL710 **Work Order #...:** J7MHR1AA **Matrix.....:** WATER
MB Lot-Sample #: F7I240000-292

Prep Date.....: 09/19/07
Analysis Date..: 09/19/07 **Prep Batch #...:** 7267292
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	96	(74 - 134)
1,2-Dichloroethane-d4	99	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7I240000-292 B **Work Order #:** J7MHR1AA **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 #...: SL710 **Work Order #...:** J75Q51AA **Matrix.....:** WATER
MB Lot-Sample #: F7J030000-217

Prep Date.....: 10/02/07
Analysis Date..: 10/02/07 **Prep Batch #...:** 7276217
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	100	(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 #: F7J030000-217 B **Work Order #:** J75Q51AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J65R81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7I190000-174 J65R81AD-LCSD
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.9	ug/L	109	4.0	SW846 8260B
Ethylbenzene	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.8	ug/L	108	1.2	SW846 8260B
1,4-Dioxane	200	190	ug/L	95		SW846 8260B
	200	188	ug/L	94	0.58	SW846 8260B
Vinyl chloride	10.0	9.14	ug/L	91		SW846 8260B
	10.0	9.04	ug/L	90	1.1	SW846 8260B
Acetone	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.8	ug/L	108	7.0	SW846 8260B
Methylene chloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.8	ug/L	108	5.6	SW846 8260B
Carbon disulfide	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.8	ug/L	108	0.73	SW846 8260B
1,1-Dichloroethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.8	ug/L	108	0.55	SW846 8260B
2-Butanone	10.0	7.08	ug/L	71		SW846 8260B
	10.0	7.07	ug/L	71	0.14	SW846 8260B
Chloroform	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	3.0	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.3	ug/L	103	0.88	SW846 8260B
Propionitrile	50.0	52.6	ug/L	105		SW846 8260B
	50.0	55.7	ug/L	111	5.7	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	10.6	ug/L	106	1.9	SW846 8260B
1,1,1-Trichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.3	ug/L	103	0.29	SW846 8260B
Carbon tetrachloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.090	SW846 8260B
1,2-Dichloroethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.7	ug/L	107	1.2	SW846 8260B
Benzene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	10.6	ug/L	106	1.8	SW846 8260B
Trichloroethene	10.0	9.97	ug/L	100		SW846 8260B
	10.0	9.69	ug/L	97	2.9	SW846 8260B
4-Methyl-2-pentanone	10.0	9.06	ug/L	91		SW846 8260B
	10.0	9.92	ug/L	99	9.0	SW846 8260B
1,1,2-Trichloroethane	10.0	9.64	ug/L	96		SW846 8260B
	10.0	9.70	ug/L	97	0.66	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J65R81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7I190000-174 J65R81AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.82**	**ug/L**	**98**		**SW846 8260B**
	10.0	**9.78**	**ug/L**	**98**	**0.39**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**45.7**	**ug/L**	**91**		**SW846 8260B**
	50.0	**44.3**	**ug/L**	**89**	**3.3**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.92**	**ug/L**	**99**		**SW846 8260B**
	10.0	**9.81**	**ug/L**	**98**	**1.1**	**SW846 8260B**
1-Butanol	**100**	**85.8**	**ug/L**	**86**		**SW846 8260B**
	100	**95.7**	**ug/L**	**96**	**11**	**SW846 8260B**
Toluene	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	10.0	**10.8**	**ug/L**	**108**	**0.55**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(85 - 121)
	103	(85 - 121)
Dibromofluoromethane	96	(84 - 117)
	98	(84 - 117)
1,2-Dichloroethane-d4	95	(72 - 124)
	100	(72 - 124)
4-Bromofluorobenzene	98	(80 - 121)
	100	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J7MHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7I240000-292 J7MHR1AD-LCSD
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.7	ug/L	107	2.4	SW846 8260B
Ethylbenzene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.6	ug/L	106	1.4	SW846 8260B
1,4-Dioxane	200	196	ug/L	98		SW846 8260B
	200	233	ug/L	117	17	SW846 8260B
Vinyl chloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.8	ug/L	108	3.1	SW846 8260B
Acetone	10.0	12.5	ug/L	125		SW846 8260B
	10.0	11.3	ug/L	113	10	SW846 8260B
Methylene chloride	10.0	11.6	ug/L	116		SW846 8260B
	10.0	11.5	ug/L	115	0.43	SW846 8260B
Carbon disulfide	10.0	12.7	ug/L	127		SW846 8260B
	10.0	12.6	ug/L	126	0.39	SW846 8260B
1,1-Dichloroethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	11.0	ug/L	110	1.1	SW846 8260B
2-Butanone	10.0	12.2	ug/L	122		SW846 8260B
	10.0	10.2	ug/L	102	18	SW846 8260B
Chloroform	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.8	ug/L	108	0.73	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.7	ug/L	107	1.7	SW846 8260B
Propionitrile	50.0	52.2	ug/L	104		SW846 8260B
	50.0	54.3	ug/L	109	4.0	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.7	ug/L	107	1.8	SW846 8260B
1,1,1-Trichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.4	ug/L	104	0.67	SW846 8260B
Carbon tetrachloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.0	ug/L	100	2.0	SW846 8260B
1,2-Dichloroethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.8	ug/L	108	3.1	SW846 8260B
Benzene	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.5	ug/L	105	1.2	SW846 8260B
Trichloroethene	10.0	9.44	ug/L	94		SW846 8260B
	10.0	9.46	ug/L	95	0.24	SW846 8260B
4-Methyl-2-pentanone	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.2	ug/L	102	2.2	SW846 8260B
1,1,2-Trichloroethane	10.0	9.56	ug/L	96		SW846 8260B
	10.0	10.0	ug/L	100	4.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J7MHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7I240000-292 J7MHR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.34**	**ug/L**	**93**		**SW846 8260B**
	10.0	**9.42**	**ug/L**	**94**	**0.80**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**47.7**	**ug/L**	**95**		**SW846 8260B**
	50.0	**49.8**	**ug/L**	**100**	**4.3**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.77**	**ug/L**	**98**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**3.2**	**SW846 8260B**
1-Butanol	**100**	**78.9**	**ug/L**	**79**		**SW846 8260B**
	100	**72.1**	**ug/L**	**72**	**9.1**	**SW846 8260B**
Toluene	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	10.0	**10.6**	**ug/L**	**106**	**0.18**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(85 - 121)
	106	(85 - 121)
Dibromofluoromethane	99	(84 - 117)
	99	(84 - 117)
1,2-Dichloroethane-d4	98	(72 - 124)
	104	(72 - 124)
4-Bromofluorobenzene	99	(80 - 121)
	102	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J75Q51AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J030000-217 J75Q51AD-LCSD
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	12.2	ug/L	122		SW846 8260B
	10.0	10.8	ug/L	108	11	SW846 8260B
Ethylbenzene	10.0	12.2	ug/L	122		SW846 8260B
	10.0	11.1	ug/L	111	9.4	SW846 8260B
1,4-Dioxane	200	203	ug/L	101		SW846 8260B
	200	176	ug/L	88	14	SW846 8260B
Vinyl chloride	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.94	ug/L	99	8.3	SW846 8260B
Acetone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	8.65	ug/L	86	18	SW846 8260B
Methylene chloride	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.40	ug/L	94	7.6	SW846 8260B
Carbon disulfide	10.0	13.2	ug/L	132		SW846 8260B
	10.0	12.0	ug/L	120	9.3	SW846 8260B
1,1-Dichloroethane	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.4	ug/L	104	8.5	SW846 8260B
2-Butanone	10.0	9.16	ug/L	92		SW846 8260B
	10.0	9.68	ug/L	97	5.6	SW846 8260B
Chloroform	10.0	11.1	ug/L	111		SW846 8260B
	10.0	9.77	ug/L	98	13	SW846 8260B
cis-1,2-Dichloroethene	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.4	ug/L	104	8.7	SW846 8260B
Propionitrile	50.0	47.7	ug/L	95		SW846 8260B
	50.0	47.9	ug/L	96	0.44	SW846 8260B
trans-1,2-Dichloroethene	10.0	11.8	ug/L	118		SW846 8260B
	10.0	10.5	ug/L	105	12	SW846 8260B
1,1,1-Trichloroethane	10.0	11.5	ug/L	115		SW846 8260B
	10.0	10.3	ug/L	103	11	SW846 8260B
Carbon tetrachloride	10.0	11.4	ug/L	114		SW846 8260B
	10.0	10.4	ug/L	104	9.2	SW846 8260B
1,2-Dichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.71	ug/L	97	5.1	SW846 8260B
Benzene	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.0	ug/L	100	9.8	SW846 8260B
Trichloroethene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.62	ug/L	96	12	SW846 8260B
4-Methyl-2-pentanone	10.0	9.48	ug/L	95		SW846 8260B
	10.0	9.25	ug/L	92	2.5	SW846 8260B
1,1,2-Trichloroethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.28	ug/L	93	7.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J75Q51AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J030000-217 J75Q51AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**12.2**	**ug/L**	**122**		**SW846 8260B**
	10.0	**12.0**	**ug/L**	**120**	**2.0**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**46.8**	**ug/L**	**94**		**SW846 8260B**
	50.0	**44.8**	**ug/L**	**90**	**4.1**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	10.0	**9.92**	**ug/L**	**99**	**5.6**	**SW846 8260B**
1-Butanol	**100**	**84.0**	**ug/L**	**84**		**SW846 8260B**
	100	**81.5**	**ug/L**	**82**	**3.0**	**SW846 8260B**
Toluene	**10.0**	**11.7**	**ug/L**	**117**		**SW846 8260B**
	10.0	**10.6**	**ug/L**	**106**	**10**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(85 - 121)
	104	(85 - 121)
Dibromofluoromethane	92	(84 - 117)
	93	(84 - 117)
1,2-Dichloroethane-d4	91	(72 - 124)
	93	(72 - 124)
4-Bromofluorobenzene	92	(80 - 121)
	94	(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 #...: SL710 **Work Order #...:** J6PX21AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I130155-001 J6PX21AE-MSD
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/18/07
Prep Batch #...: 7262174
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.7	ug/L	127		SW846 8260B
	ND	10.0	12.4	ug/L	124	2.9	SW846 8260B
Ethylbenzene	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	11.9	ug/L	119	2.6	SW846 8260B
1,4-Dioxane	ND	200	184	ug/L	92		SW846 8260B
	ND	200	169	ug/L	84	8.3	SW846 8260B
Vinyl chloride	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	12.7	ug/L	127	8.0	SW846 8260B
Acetone	ND	10.0	9.92	ug/L	99		SW846 8260B
	ND	10.0	9.87	ug/L	99	0.46	SW846 8260B
Methylene chloride	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.35	SW846 8260B
Carbon disulfide	ND	10.0	15.0	ug/L	150		SW846 8260B
	ND	10.0	14.7	ug/L	147	1.9	SW846 8260B
1,1-Dichloroethane	ND	10.0	13.2	ug/L	132		SW846 8260B
	ND	10.0	12.4	ug/L	124	6.6	SW846 8260B
2-Butanone	ND	10.0	9.33	ug/L	93		SW846 8260B
	ND	10.0	9.50	ug/L	95	1.8	SW846 8260B
Chloroform	5.6	10.0	18.0	ug/L	124		SW846 8260B
	5.6	10.0	17.4	ug/L	117	3.5	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	11.8	ug/L	118	3.7	SW846 8260B
Propionitrile	ND	50.0	62.5	ug/L	125		SW846 8260B
	ND	50.0	55.1	ug/L	110	13	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	12.7	ug/L	127		SW846 8260B
	ND	10.0	12.5	ug/L	125	1.7	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	14.1	ug/L	141		SW846 8260B
	ND	10.0	13.4	ug/L	134	4.7	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.4	ug/L	114	1.7	SW846 8260B
Benzene	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	11.7	ug/L	117	3.8	SW846 8260B
Trichloroethene	0.62	10.0	12.0	ug/L	114		SW846 8260B
	0.62	10.0	11.6	ug/L	110	3.2	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.86	ug/L	99		SW846 8260B
	ND	10.0	10.2	ug/L	102	3.1	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.0	ug/L	100	4.2	SW846 8260B
Tetrachloroethene	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	10.7	ug/L	107	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J6PX21AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I130155-001 J6PX21AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrahydrofuran	**ND**	**50.0**	**80.2**	**ug/L**	**160 a**		**SW846 8260B**
	ND	**50.0**	**81.6**	**ug/L**	**163 a**	**1.7**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**10.9**	**ug/L**	**109**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**1.3**	**SW846 8260B**
1-Butanol	**ND**	**100**	**73.1**	**ug/L**	**73**		**SW846 8260B**
	ND	**100**	**79.1**	**ug/L**	**79**	**7.8**	**SW846 8260B**
Toluene	**ND**	**10.0**	**11.8**	**ug/L**	**118**		**SW846 8260B**
	ND	**10.0**	**11.5**	**ug/L**	**115**	**2.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(69 - 119)
	98	(69 - 119)
Dibromofluoromethane	188 *	(74 - 134)
	182 *	(74 - 134)
1,2-Dichloroethane-d4	97	(72 - 128)
	97	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)
	87	(71 - 115)

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.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J639R1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I180197-001 J639R1AE-MSD
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/19/07 **Analysis Date..:** 09/19/07
Prep Batch #...: 7267292
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	12.2	ug/L	122	8.7	SW846 8260B
Ethylbenzene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.4	ug/L	114	4.5	SW846 8260B
1,4-Dioxane	ND	200	137	ug/L	69		SW846 8260B
	ND	200	173	ug/L	86 p	23	SW846 8260B
Vinyl chloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.9	ug/L	119	8.6	SW846 8260B
Acetone	ND	10.0	9.24	ug/L	92		SW846 8260B
	ND	10.0	8.79	ug/L	88	5.0	SW846 8260B
Methylene chloride	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.9	ug/L	109	5.4	SW846 8260B
Carbon disulfide	ND	10.0	13.4	ug/L	134		SW846 8260B
	ND	10.0	13.8	ug/L	138	2.8	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	12.0	ug/L	120	2.9	SW846 8260B
2-Butanone	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	7.46	ug/L	75 p	26	SW846 8260B
Chloroform	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.0	ug/L	110	6.6	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.3	ug/L	113	1.3	SW846 8260B
Propionitrile	ND	50.0	55.8	ug/L	112		SW846 8260B
	ND	50.0	58.4	ug/L	117	4.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.9	ug/L	119	1.6	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.1	ug/L	111	1.1	SW846 8260B
Carbon tetrachloride	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.2	ug/L	112	5.0	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.2	ug/L	112	1.6	SW846 8260B
Benzene	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.0	SW846 8260B
Trichloroethene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.3	ug/L	103	0.77	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.3	ug/L	103	1.8	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.2	ug/L	102	1.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J639R1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I180197-001 J639R1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.71**	**ug/L**	**97**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**5.7**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**46.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**50.0**	**46.3**	**ug/L**	**93**	**0.0**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**10.2**	**ug/L**	**102**	**1.1**	**SW846 8260B**
1-Butanol	**ND**	**100**	**52.5**	**ug/L**	**53**		**SW846 8260B**
	ND	**100**	**75.8**	**ug/L**	**76 p**	**36**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.9**	**ug/L**	**109**		**SW846 8260B**
	ND	**10.0**	**11.2**	**ug/L**	**112**	**2.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(69 - 119)
	98	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
	96	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
	98	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)
	87	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J7H7K1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I240164-001 J7H7K1AE-MSD
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	11.6	ug/L	116	4.4	SW846 8260B
Ethylbenzene	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.9	ug/L	119	2.6	SW846 8260B
1,4-Dioxane	ND	200	190	ug/L	95		SW846 8260B
	ND	200	201	ug/L	100	5.7	SW846 8260B
Vinyl chloride	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.2	ug/L	112	0.17	SW846 8260B
Acetone	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	8.93	ug/L	89	13	SW846 8260B
Methylene chloride	7.3	10.0	18.9	ug/L	116		SW846 8260B
	7.3	10.0	18.3	ug/L	110	3.3	SW846 8260B
Carbon disulfide	ND	10.0	13.0	ug/L	130		SW846 8260B
	ND	10.0	12.8	ug/L	128	1.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.2	ug/L	112	1.5	SW846 8260B
2-Butanone	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.43	ug/L	94	6.9	SW846 8260B
Chloroform	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.0	ug/L	110	6.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.5	ug/L	115	1.4	SW846 8260B
Propionitrile	ND	50.0	57.4	ug/L	115		SW846 8260B
	ND	50.0	56.7	ug/L	113	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	11.3	ug/L	113	4.6	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.1	ug/L	111	2.5	SW846 8260B
Carbon tetrachloride	0.38	10.0	11.8	ug/L	114		SW846 8260B
	0.38	10.0	11.2	ug/L	108	4.7	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.5	ug/L	115		SW846 8260B
	ND	10.0	11.1	ug/L	111	3.4	SW846 8260B
Benzene	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.2	ug/L	112	2.6	SW846 8260B
Trichloroethene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.8	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.1	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.3	ug/L	103	2.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL710 **Work Order #...:** J7H7K1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I240164-001 J7H7K1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**10.0**	**ug/L**	**100**	**0.19**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**49.5**	**ug/L**	**99**		**SW846 8260B**
	ND	**50.0**	**50.7**	**ug/L**	**101**	**2.4**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**10.2**	**ug/L**	**102**		**SW846 8260B**
	ND	**10.0**	**10.2**	**ug/L**	**102**	**0.39**	**SW846 8260B**
1-Butanol	**ND**	**100**	**87.4**	**ug/L**	**87**		**SW846 8260B**
	ND	**100**	**91.1**	**ug/L**	**91**	**4.1**	**SW846 8260B**
Toluene	**ND**	**10.0**	**11.2**	**ug/L**	**112**		**SW846 8260B**
	ND	**10.0**	**11.2**	**ug/L**	**112**	**0.89**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
	97	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
	96	(74 - 134)
1,2-Dichloroethane-d4	99	(72 - 128)
	96	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)
	89	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

VOLATILE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1PDV3

GC Volatiles

Lot-Sample #...: F7I130151-002 **Work Order #...:** J6PWT1AD **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/14/07 **Analysis Date..:** 09/14/07
Prep Batch #...: 7257150
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Volatile Petroleum Hydrocarbons	ND	0.10	mg/L	0.0095

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	100	(35 - 139)

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL710 **Work Order #...:** J6TM11AA **Matrix.....:** WATER
MB Lot-Sample #: F7I140000-150

Prep Date.....: 09/14/07
Analysis Date..: 09/14/07 **Prep Batch #...:** 7257150
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Volatile Petroleum Hydrocarbons	ND	0.10	mg/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	104	(35 - 139)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL710 **Work Order #...:** J6TM11AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I140000-150
Prep Date.....: 09/14/07 **Analysis Date..:** 09/14/07
Prep Batch #...: 7257150
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Volatile Petroleum Hydrocarbons	**1.00**	**0.871**	**mg/L**	**87**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	103	(85 - 115)

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 Volatiles

Client Lot #...: SL710 **Work Order #...:** J6PWT1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I130151-002 J6PWT1AP-MSD
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/14/07 **Analysis Date..:** 09/14/07
Prep Batch #...: 7257150
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydrocarbons	**ND**	**1.00**	**0.814**	**mg/L**	**81**		**SW846 8015 MOD**
	ND	**1.00**	**0.835**	**mg/L**	**84**	**2.6**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	117	(35 - 139)
	120	(35 - 139)

NOTE(S):

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

Bold print denotes control parameters

EXTRACTABLE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1PDV3

GC Semivolatiles

Lot-Sample #...: F7I130151-002 **Work Order #...:** J6PWT1AC **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/27/07
Prep Batch #...: 7261113
Dilution Factor: 5 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	2470 *	(53 - 171)

NOTE(S):

* Surrogate recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J63CP1AA **Matrix.....:** WATER
MB Lot-Sample #: F7I180000-113

Prep Date.....: 09/18/07
Analysis Date..: 09/27/07 **Prep Batch #...:** 7261113
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73 *	(74 - 147)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J63CP1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I180000-113
Prep Date.....: 09/18/07 **Analysis Date..:** 09/27/07
Prep Batch #...: 7261113
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.45**	**mg/L**	**58**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	105	(74 - 147)

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 #...: SL710 **Work Order #...:** J6PWT1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I130151-002 J6PWT1AM-MSD
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07
Prep Date.....: 09/18/07 **Analysis Date..:** 09/27/07
Prep Batch #...: 7261113
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.45**	**1.17**	**mg/L**	**48 D**		**SW846 8015 MOD**
	ND	**2.46**	**6.15**	**mg/L**	**250**	**136**	**SW846 8015 MOD**

Qualifiers: a,p,D,N

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	1590 *	(53 - 171)
	1620 *	(53 - 171)

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.

D Result was obtained from the analysis of a dilution.

* Surrogate recovery is outside stated control limits.

PESTICIDES

Fluor Hanford Inc

Client Sample ID: B1NXP9

GC Semivolatiles

Lot-Sample #...: F7I180197-003 **Work Order #...:** J63901AC **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7267080
Dilution Factor: 1 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.050	ug/L	0.0044
4,4'-DDD	ND	0.050	ug/L	0.0075
4,4'-DDE	ND	0.050	ug/L	0.013
4,4'-DDT	ND	0.050	ug/L	0.013
Endosulfan I	ND	0.050	ug/L	0.0078
Endosulfan II	ND	0.050	ug/L	0.0053
gamma-BHC (Lindane)	ND	0.050	ug/L	0.0032
alpha-BHC	ND	0.050	ug/L	0.0031
beta-BHC	ND	0.050	ug/L	0.015
Endrin	ND	0.050	ug/L	0.0068
delta-BHC	ND	0.050	ug/L	0.0046
Heptachlor	ND N	0.050	ug/L	0.034
Heptachlor epoxide	ND N	0.050	ug/L	0.0062
Methoxychlor	ND	0.10	ug/L	0.010
Chlordane (technical)	ND	0.50	ug/L	0.099
Dieldrin	ND	0.050	ug/L	0.0057
Endosulfan sulfate	ND	0.050	ug/L	0.0063
Endrin aldehyde	ND	0.050	ug/L	0.0090
Toxaphene	ND	2.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(73 - 132)
Decachlorobiphenyl	96	(79 - 137)

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NXR0

GC Semivolatiles

Lot-Sample #...: F7I180197-004 **Work Order #...:** J63951AC **Matrix.....:** WATER
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7267080
Dilution Factor: 1 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.050	ug/L	0.0044
4,4'-DDD	ND	0.050	ug/L	0.0075
4,4'-DDE	ND	0.050	ug/L	0.013
4,4'-DDT	ND	0.050	ug/L	0.013
Endosulfan I	ND	0.050	ug/L	0.0078
Endosulfan II	ND	0.050	ug/L	0.0053
gamma-BHC (Lindane)	ND	0.050	ug/L	0.0032
alpha-BHC	ND	0.050	ug/L	0.0031
beta-BHC	ND	0.050	ug/L	0.015
Endrin	ND	0.050	ug/L	0.0068
delta-BHC	ND	0.050	ug/L	0.0046
Heptachlor	ND N	0.050	ug/L	0.034
Heptachlor epoxide	ND N	0.050	ug/L	0.0062
Methoxychlor	ND	0.10	ug/L	0.010
Chlordane (technical)	ND	0.50	ug/L	0.099
Dieldrin	ND	0.050	ug/L	0.0057
Endosulfan sulfate	ND	0.050	ug/L	0.0063
Endrin aldehyde	ND	0.050	ug/L	0.0090
Toxaphene	ND	2.0	ug/L	0.59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(73 - 132)
Decachlorobiphenyl	90	(79 - 137)

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J7HFH1AA **Matrix.....:** WATER
MB Lot-Sample #: F7I240000-080

Prep Date.....: 09/24/07
Analysis Date..: 09/26/07 **Prep Batch #...:** 7267080
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	0.050	ug/L	SW846 8081A
4,4'-DDD	ND	0.050	ug/L	SW846 8081A
4,4'-DDE	ND	0.050	ug/L	SW846 8081A
4,4'-DDT	ND	0.050	ug/L	SW846 8081A
Endosulfan I	ND	0.050	ug/L	SW846 8081A
Endosulfan II	ND	0.050	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081A
alpha-BHC	ND	0.050	ug/L	SW846 8081A
beta-BHC	ND	0.050	ug/L	SW846 8081A
Endrin	ND	0.050	ug/L	SW846 8081A
delta-BHC	ND	0.050	ug/L	SW846 8081A
Heptachlor	ND	0.050	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081A
Methoxychlor	ND	0.10	ug/L	SW846 8081A
Chlordane (technical)	ND	0.50	ug/L	SW846 8081A
Dieldrin	ND	0.050	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081A
Endrin aldehyde	ND	0.050	ug/L	SW846 8081A
Toxaphene	ND	2.0	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(73 - 132)
Decachlorobiphenyl	95	(79 - 137)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J7HFH1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I240000-080
Prep Date.....: 09/24/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7267080
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aldrin	**0.500**	**0.543**	**ug/L**	**109**	**SW846 8081A**
4,4'-DDT	**0.500**	**0.561**	**ug/L**	**112**	**SW846 8081A**
4,4'-DDD	**0.500**	**0.551**	**ug/L**	**110**	**SW846 8081A**
4,4'-DDE	**0.500**	**0.550**	**ug/L**	**110**	**SW846 8081A**
Endosulfan I	**0.500**	**0.542**	**ug/L**	**108**	**SW846 8081A**
Endosulfan II	**0.500**	**0.532**	**ug/L**	**106**	**SW846 8081A**
gamma-BHC (Lindane)	**0.500**	**0.551**	**ug/L**	**110**	**SW846 8081A**
alpha-BHC	**0.500**	**0.563**	**ug/L**	**113**	**SW846 8081A**
Endrin	**0.500**	**0.572**	**ug/L**	**114**	**SW846 8081A**
beta-BHC	**0.500**	**0.529**	**ug/L**	**106**	**SW846 8081A**
Heptachlor	**0.500**	**0.824 a**	**ug/L**	**165**	**SW846 8081A**
delta-BHC	**0.500**	**0.600**	**ug/L**	**120**	**SW846 8081A**
Heptachlor epoxide	**0.500**	**0.539**	**ug/L**	**108**	**SW846 8081A**
Methoxychlor	**0.500**	**0.584**	**ug/L**	**117**	**SW846 8081A**
Dieldrin	**0.500**	**0.556**	**ug/L**	**111**	**SW846 8081A**
Endosulfan sulfate	**0.500**	**0.563**	**ug/L**	**113**	**SW846 8081A**
Endrin aldehyde	**0.500**	**0.525**	**ug/L**	**105**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(77 - 130)
Decachlorobiphenyl	88	(79 - 136)

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.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J63901AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I180197-003 J63901AF-MSD
Date Sampled...: 09/17/07 **Date Received..:** 09/18/07
Prep Date.....: 09/24/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7267080
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aldrin	ND	0.950	1.06	ug/L	112		SW846 8081A
	ND	0.951	1.04	ug/L	109	1.9	SW846 8081A
4,4'-DDT	ND	0.950	1.06	ug/L	112		SW846 8081A
	ND	0.951	1.16	ug/L	122	9.0	SW846 8081A
4,4'-DDD	ND	0.950	1.10	ug/L	116		SW846 8081A
	ND	0.951	1.09	ug/L	115	0.91	SW846 8081A
4,4'-DDE	ND	0.950	1.09	ug/L	115		SW846 8081A
	ND	0.951	1.07	ug/L	113	1.8	SW846 8081A
Endosulfan I	ND	0.950	1.05	ug/L	111		SW846 8081A
	ND	0.951	1.03	ug/L	108	1.9	SW846 8081A
Endosulfan II	ND	0.950	1.02	ug/L	107		SW846 8081A
	ND	0.951	1.02	ug/L	107	0.0	SW846 8081A
gamma-BHC (Lindane)	ND	0.950	1.08	ug/L	114		SW846 8081A
	ND	0.951	1.06	ug/L	111	1.9	SW846 8081A
alpha-BHC	ND	0.950	1.12	ug/L	118		SW846 8081A
	ND	0.951	1.09	ug/L	115	2.7	SW846 8081A
Endrin	ND	0.950	1.12	ug/L	118		SW846 8081A
	ND	0.951	1.09	ug/L	115	2.7	SW846 8081A
beta-BHC	ND	0.950	1.04	ug/L	109		SW846 8081A
	ND	0.951	1.02	ug/L	107	1.9	SW846 8081A
Heptachlor	ND	0.950	1.32	ug/L	139		SW846 8081A
	ND	0.951	1.46	ug/L	154	10	SW846 8081A
		Qualifiers:	a,N				
delta-BHC	ND	0.950	1.19	ug/L	125		SW846 8081A
	ND	0.951	1.13	ug/L	119	5.2	SW846 8081A
Heptachlor epoxide	ND	0.950	1.52	ug/L	160		SW846 8081A
		Qualifiers:	a,N				
	ND	0.951	1.47	ug/L	155	3.3	SW846 8081A
		Qualifiers:	a,N				
Methoxychlor	ND	0.950	1.21	ug/L	127		SW846 8081A
	ND	0.951	1.17	ug/L	123	3.4	SW846 8081A
Dieldrin	ND	0.950	1.08	ug/L	114		SW846 8081A
	ND	0.951	1.06	ug/L	111	1.9	SW846 8081A
Endosulfan sulfate	ND	0.950	1.13	ug/L	119		SW846 8081A
	ND	0.951	1.09	ug/L	115	3.6	SW846 8081A
Endrin aldehyde	ND	0.950	1.00	ug/L	105		SW846 8081A
	ND	0.951	1.05	ug/L	110	4.9	SW846 8081A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL710 **Work Order #...:** J63901AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I180197-003 J63901AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(73 - 132)
	93	(73 - 132)
Decachlorobiphenyl	96	(79 - 137)
	89	(79 - 137)

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.

N Spike sample recovery is outside control limits.

METALS

Fluor Hanford Inc

Client Sample ID: B1PDV2

DISSOLVED Metals

Lot-Sample #...: F7I130151-001 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**38.0 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**67700 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**7.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AH**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**44.9 B,D**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AK**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**26400 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**362 D**	**30.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AM**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	**70.9 B,D**	**80.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AN**
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**11000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6PWQ1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1PDV2

DISSOLVED Metals

Lot-Sample #...: F7I130151-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**108000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6PWQ1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**353 D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PWQ1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6PWQ1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NY36

DISSOLVED Metals

Lot-Sample #...: F7I130154-005 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**53.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**46900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**14.9 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**7.9 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AK**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**5860 B,D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6PXJ1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY36

DISSOLVED Metals

Lot-Sample #...: F7I130154-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**33900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6PXJ1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**193 D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**26.8 B,D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXJ1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXJ1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1NY38

DISSOLVED Metals

Lot-Sample #...: F7I130154-006 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**55.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**47800 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**12.5 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**5.5 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AK**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15300 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	09/19-10/02/07	J6PXM1AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY38

DISSOLVED Metals

Lot-Sample #...: F7I130154-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**34000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6PXM1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**201 D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**24.6 B,D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6PXM1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6PXM1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P935

DISSOLVED Metals

Lot-Sample #...: F7I140210-001 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**139 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VJV1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**116000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VJV1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**5.3 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VJV1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**23000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VJV1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9500 B,D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VJV1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P935

DISSOLVED Metals

Lot-Sample #...: F7I140210-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22700 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VJV1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**468 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VJV1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VJV1AV
		Dilution Factor: 2		MDL.....: 19.3		

Prep Batch #...: 7262219

Arsenic	**2.6 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VJV1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P930

DISSOLVED Metals

Lot-Sample #...: F7I140210-003 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**110 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKM1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**104000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VKM1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**10.1 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKM1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**20900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKM1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**12000 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VKM1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P930

DISSOLVED Metals

Lot-Sample #...: F7I140210-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22400 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VKM1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**411 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VKM1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKM1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**2.9 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VKM1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P925

DISSOLVED Metals

Lot-Sample #...: F7I140210-005 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**155 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKW1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**121000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VKW1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**11.5 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKW1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**5.8 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKW1AJ**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**26900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VKW1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**11500 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VKW1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P925

DISSOLVED Metals

Lot-Sample #...: F7I140210-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23500 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VKW1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**567 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VKW1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VKW1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**2.3 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VKW1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P960

DISSOLVED Metals

Lot-Sample #...: F7I140210-007 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**79.0 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**76700 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**10.4 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**4.8 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AJ**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16200 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9390 B,D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VLF1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P960

DISSOLVED Metals

Lot-Sample #...: F7I140210-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22100 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VLF1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**324 D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VLF1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VLF1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**3.4 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VLF1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P945

DISSOLVED Metals

Lot-Sample #...: F7I140210-009 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**100 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**96900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**9.4 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**4.8 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AJ**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**126 B,D**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AK**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**20800 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	**9.9 B,D**	**80.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AN**
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**5940 B,D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMG1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P945

DISSOLVED Metals

Lot-Sample #...: F7I140210-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22900 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMG1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**410 D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**12.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMG1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMG1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**3.1 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VMG1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P955

DISSOLVED Metals

Lot-Sample #...: F7I140210-011 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**81.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMP1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**96800 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VMP1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**16.5 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMP1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**5.6 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMP1AJ**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**72.2 B,D**	**200**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMP1AK**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**21800 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMP1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9450 B,D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMP1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P955

DISSOLVED Metals

Lot-Sample #...: F7I140210-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22400 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMP1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**370 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VMP1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMP1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**3.5 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VMP1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P950

DISSOLVED Metals

Lot-Sample #...: F7I140210-013 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7262217						
Antimony	ND D	120	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**99.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMV1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**101000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VMV1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**12.0 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMV1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**5.6 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMV1AJ**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**21800 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J6VMV1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**10700 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMV1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P950

DISSOLVED Metals

Lot-Sample #...: F7I140210-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24700 D**	**10000**	**ug/L**	**SW846 6010B**	**09/19-10/02/07**	**J6VMV1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**393 D**	**250**	**ug/L**	**SW846 6010B**	**09/19-10/09/07**	**J6VMV1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/19-09/27/07	J6VMV1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7262219						
Arsenic	**2.6 B,C**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J6VMV1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P8L8

DISSOLVED Metals

Lot-Sample #...: F7I240153-001 **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7268242						
Antimony	ND D	120	ug/L	SW846 6010B	09/25-09/27/07	J7H5F1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**90.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	09/25-09/27/07	J7H5F1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	09/25-09/27/07	J7H5F1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**161000 D**	**25000**	**ug/L**	**SW846 6010B**	**09/25-09/28/07**	**J7H5F1AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**6.5 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**15.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AJ**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**9.4 B,D**	**50.0**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AK**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**858 D**	**200**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AL**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**64400 D**	**10000**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**435 D**	**30.0**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	**9.4 B,D**	**80.0**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AP**
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**27700 B,D**	**50000**	**ug/L**	**SW846 6010B**	**09/25-10/02/07**	**J7H5F1AQ**
		Dilution Factor: 10		MDL.....: 16300		
Silver	**4.4 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**09/25-09/27/07**	**J7H5F1AR**
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P8L8

DISSOLVED Metals

Lot-Sample #...: F7I240153-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**829000 D**	**50000**	**ug/L**	**SW846 6010B**	**09/25-10/02/07**	**J7H5F1AT**
		Dilution Factor: 10		MDL.....: 785		
Strontium	**874 D**	**250**	**ug/L**	**SW846 6010B**	**09/25-09/28/07**	**J7H5F1AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	09/25-09/27/07	J7H5F1AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	09/25-09/27/07	J7H5F1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P5B0

DISSOLVED Metals

Lot-Sample #...: F7I240157-001 **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7268248						
Arsenic	**6.7 B**	**10.0**	**ug/L**	**SW846 6020**	**09/25-10/05/07**	**J7H551AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER

MB Lot-Sample #: F7I190000-217 **Prep Batch #...:** 7262217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	60.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/19-09/27/07	J651E1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/19-09/27/07	J651E1AF
		Dilution Factor: 1				
Chromium	**4.9 B**	**10.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J651E1AG**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AH
		Dilution Factor: 1				
Copper	**3.5 B**	**25.0**	**ug/L**	**SW846 6010B**	**09/19-09/27/07**	**J651E1AJ**
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/19-09/27/07	J651E1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/19-09/27/07	J651E1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	09/19-10/02/07	J651E1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/19-10/02/07	J651E1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/19-09/27/07	J651E1AV
		Dilution Factor: 1				
MB Lot-Sample #: F7I190000-219 **Prep Batch #...:** 7262219						
Arsenic	**1.6 B**	**10.0**	**ug/L**	**SW846 6020**	**09/19-10/05/07**	**J651J1AA**
		Dilution Factor: 1				
MB Lot-Sample #: F7I250000-242 **Prep Batch #...:** 7268242						
Antimony	ND	60.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AL
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND	15.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	09/25-10/02/07	J7K0X1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	09/25-10/02/07	J7K0X1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	09/25-09/27/07	J7K0X1AV
		Dilution Factor: 1				

MB Lot-Sample #: F7I250000-248 **Prep Batch #...:** 7268248

Arsenic	ND	10.0	ug/L	SW846 6020	09/25-10/05/07	J7K031AA
		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

DISSOLVED Metals

Lot-Sample #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Antimony	500	510	ug/L	102		SW846 6010B	09/25-09/27/07	7268242
	500	502	ug/L	100	1.6	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Barium	500	526	ug/L	105		SW846 6010B	09/25-09/27/07	7268242
	500	519	ug/L	104	1.3	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Beryllium	500	545	ug/L	109		SW846 6010B	09/25-09/27/07	7268242
	500	542	ug/L	108	0.57	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Cadmium	500	528	ug/L	106		SW846 6010B	09/25-09/27/07	7268242
	500	524	ug/L	105	0.66	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Calcium	10000	10600	ug/L	106		SW846 6010B	09/25-09/27/07	7268242
	10000	10600	ug/L	106	0.72	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Chromium	500	520	ug/L	104		SW846 6010B	09/25-09/27/07	7268242
	500	515	ug/L	103	1.0	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Cobalt	500	508	ug/L	102		SW846 6010B	09/25-09/27/07	7268242
	500	502	ug/L	100	1.1	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Copper	500	505	ug/L	101		SW846 6010B	09/25-09/27/07	7268242
	500	500	ug/L	100	1.2	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Iron	500	579	ug/L	116		SW846 6010B	09/25-09/27/07	7268242
	500	571	ug/L	114	1.3	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Magnesium	10000	10600	ug/L	106		SW846 6010B	09/25-09/27/07	7268242
	10000	10500	ug/L	105	0.53	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Lot-Sample #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Manganese	500	528	ug/L	106		SW846 6010B	09/25-09/27/07	7268242
	500	521	ug/L	104	1.2	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Nickel	500	511	ug/L	102		SW846 6010B	09/25-09/27/07	7268242
	500	506	ug/L	101	0.86	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Potassium	10000	11500	ug/L	115		SW846 6010B	09/25-10/02/07	7268242
	10000	10700	ug/L	107	7.0	SW846 6010B	09/25-10/02/07	7268242
			Dilution Factor: 1					
Silver	125	125	ug/L	100		SW846 6010B	09/25-09/27/07	7268242
	125	123	ug/L	99	1.0	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Sodium	10000	10300	ug/L	103		SW846 6010B	09/25-10/02/07	7268242
	10000	10300	ug/L	103	0.09	SW846 6010B	09/25-10/02/07	7268242
			Dilution Factor: 1					
Strontium	500	550	ug/L	110		SW846 6010B	09/25-09/27/07	7268242
	500	542	ug/L	108	1.4	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Vanadium	500	513	ug/L	103		SW846 6010B	09/25-09/27/07	7268242
	500	507	ug/L	101	1.1	SW846 6010B	09/25-09/27/07	7268242
			Dilution Factor: 1					
Zinc	500	578	ug/L	116		SW846 6010B	09/25-09/27/07	7268242
	500	561	ug/L	112	3.0	SW846 6010B	09/25-09/27/07	7268242
			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 #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7I190000-217 **Prep Batch #...:** 7262217							
Antimony	500	500	ug/L	100	SW846 6010B	09/19-09/27/07	J651E1AW
			Dilution Factor: 1				
Barium	500	506	ug/L	101	SW846 6010B	09/19-09/27/07	J651E1AX
			Dilution Factor: 1				
Beryllium	500	530	ug/L	106	SW846 6010B	09/19-09/27/07	J651E1A0
			Dilution Factor: 1				
Cadmium	500	518	ug/L	104	SW846 6010B	09/19-09/27/07	J651E1A1
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	09/19-09/27/07	J651E1A2
			Dilution Factor: 1				
Chromium	500	502	ug/L	100	SW846 6010B	09/19-09/27/07	J651E1A3
			Dilution Factor: 1				
Cobalt	500	494	ug/L	99	SW846 6010B	09/19-09/27/07	J651E1A4
			Dilution Factor: 1				
Copper	500	487	ug/L	97	SW846 6010B	09/19-09/27/07	J651E1A5
			Dilution Factor: 1				
Iron	500	601	ug/L	120	SW846 6010B	09/19-09/27/07	J651E1A6
			Dilution Factor: 1				
Magnesium	10000	10300	ug/L	103	SW846 6010B	09/19-09/27/07	J651E1A7
			Dilution Factor: 1				
Manganese	500	511	ug/L	102	SW846 6010B	09/19-09/27/07	J651E1A8
			Dilution Factor: 1				
Nickel	500	500	ug/L	100	SW846 6010B	09/19-09/27/07	J651E1A9
			Dilution Factor: 1				
Potassium	10000	11200	ug/L	112	SW846 6010B	09/19-10/02/07	J651E1CA
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	09/19-09/27/07	J651E1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10200	ug/L	102	SW846 6010B	09/19-10/02/07	J651E1CD
			Dilution Factor: 1				
Strontium	500	528	ug/L	106	SW846 6010B	09/19-09/27/07	J651E1CE
			Dilution Factor: 1				
Vanadium	500	499	ug/L	100	SW846 6010B	09/19-09/27/07	J651E1CF
			Dilution Factor: 1				
Zinc	500	550	ug/L	110	SW846 6010B	09/19-09/27/07	J651E1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F7I190000-219 **Prep Batch #...:** 7262219							
Arsenic	500	522	ug/L	104	SW846 6020	09/19-10/05/07	J651J1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7I250000-248 **Prep Batch #...:** 7268248							
Arsenic	500	512	ug/L	102	SW846 6020	09/25-10/05/07	J7K031AC
			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 #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

MS Lot-Sample #: F7I130151-001 **Prep Batch #...:** 7262217

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	246 D	ug/L	98		SW846 6010B	09/19-09/27/07	J6PWQ1AW
	ND	250	248 D	ug/L	99	0.85	SW846 6010B	09/19-09/27/07	J6PWQ1AX
			Dilution Factor: 2						
Barium									
	38.0	1000	1070 D	ug/L	104		SW846 6010B	09/19-09/27/07	J6PWQ1A0
	38.0	1000	1050 D	ug/L	101	2.3	SW846 6010B	09/19-09/27/07	J6PWQ1A1
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.0 D	ug/L	104		SW846 6010B	09/19-09/27/07	J6PWQ1A2
	ND	25.0	26.1 D	ug/L	104	0.30	SW846 6010B	09/19-09/27/07	J6PWQ1A3
			Dilution Factor: 2						
Cadmium									
	ND	25.0	28.3 D	ug/L	113		SW846 6010B	09/19-09/27/07	J6PWQ1A4
	ND	25.0	29.3 D	ug/L	117	3.6	SW846 6010B	09/19-09/27/07	J6PWQ1A5
			Dilution Factor: 2						
Calcium									
	67700	25000	93600 D	ug/L	104		SW846 6010B	09/19-09/27/07	J6PWQ1A6
	67700	25000	94200 D	ug/L	106	0.65	SW846 6010B	09/19-09/27/07	J6PWQ1A7
			Dilution Factor: 2						
Chromium									
	ND	100	108 D	ug/L	105		SW846 6010B	09/19-09/27/07	J6PWQ1A8
	ND	100	111 D	ug/L	107	2.1	SW846 6010B	09/19-09/27/07	J6PWQ1A9
			Dilution Factor: 2						
Cobalt									
	7.4	250	256 D	ug/L	100		SW846 6010B	09/19-09/27/07	J6PWQ1CA
	7.4	250	258 D	ug/L	100	0.69	SW846 6010B	09/19-09/27/07	J6PWQ1CC
			Dilution Factor: 2						
Copper									
	ND	125	135 D	ug/L	106		SW846 6010B	09/19-09/27/07	J6PWQ1CD
	ND	125	133 D	ug/L	104	1.3	SW846 6010B	09/19-09/27/07	J6PWQ1CE
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	44.9	500	526 D	ug/L	96		SW846 6010B	09/19-09/27/07	J6PWQ1CF
	44.9	500	613 D	ug/L	114	15	SW846 6010B	09/19-09/27/07	J6PWQ1CG
			Dilution Factor: 2						
Magnesium									
	26400	25000	53100 D	ug/L	107		SW846 6010B	09/19-09/27/07	J6PWQ1CH
	26400	25000	53300 D	ug/L	108	0.40	SW846 6010B	09/19-09/27/07	J6PWQ1CJ
			Dilution Factor: 2						
Manganese									
	362	250	621 D	ug/L	104		SW846 6010B	09/19-09/27/07	J6PWQ1CK
	362	250	616 D	ug/L	102	0.84	SW846 6010B	09/19-09/27/07	J6PWQ1CL
			Dilution Factor: 2						
Nickel									
	70.9	250	317 D	ug/L	98		SW846 6010B	09/19-09/27/07	J6PWQ1CM
	70.9	250	323 D	ug/L	101	1.8	SW846 6010B	09/19-09/27/07	J6PWQ1CN
			Dilution Factor: 2						
Potassium									
	11000	25000	37500 D	ug/L	106		SW846 6010B	09/19-10/02/07	J6PWQ1CP
	11000	25000	39700 D	ug/L	115	5.6	SW846 6010B	09/19-10/02/07	J6PWQ1CQ
			Dilution Factor: 2						
Silver									
	ND	25.0	24.2 D	ug/L	86		SW846 6010B	09/19-09/27/07	J6PWQ1CR
	ND	25.0	28.4 D	ug/L	103	16	SW846 6010B	09/19-09/27/07	J6PWQ1CT
			Dilution Factor: 2						
Sodium									
	108000	25000	133000	ug/L	101		SW846 6010B	09/19-10/02/07	J6PWQ1CU
			Qualifiers: D						
	108000	25000	133000	ug/L	100	0.33	SW846 6010B	09/19-10/02/07	J6PWQ1CV
			Qualifiers: D						
			Dilution Factor: 2						
Strontium									
	353	500	892 D	ug/L	108		SW846 6010B	09/19-09/27/07	J6PWQ1CW
	353	500	872 D	ug/L	104	2.2	SW846 6010B	09/19-09/27/07	J6PWQ1CX
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	ND	250	250 D	ug/L	100		SW846 6010B	09/19-09/27/07	J6PWQ1C0
	ND	250	250 D	ug/L	100	0.17	SW846 6010B	09/19-09/27/07	J6PWQ1C1
			Dilution Factor: 2						
Zinc									
	ND	250	304 D	ug/L	122		SW846 6010B	09/19-09/27/07	J6PWQ1C2
	ND	250	286 D	ug/L	114	6.4	SW846 6010B	09/19-09/27/07	J6PWQ1C3
			Dilution Factor: 2						

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7I140210-001 **Prep Batch #...:** 7262219									
Arsenic									
	2.6	1000	1020	ug/L	102		SW846 6020	09/19-10/05/07	J6VJV1AX
	2.6	1000	1010	ug/L	101	1.4	SW846 6020	09/19-10/05/07	J6VJV1A0

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 #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/21/07 **Date Received..:** 09/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7I240157-001 **Prep Batch #...:** 7268248									
Arsenic									
	6.7	1000	1040	ug/L	104		SW846 6020	09/25-10/05/07	J7H551AD
	6.7	1000	1020	ug/L	101	2.4	SW846 6020	09/25-10/05/07	J7H551AE

Dilution Factor: 1

NOTE(S):

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

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1PJ05

General Chemistry

Lot-Sample #...: F7I120214-001 **Work Order #...:** J6M1F **Matrix.....:** WATER
Date Sampled...: 09/11/07 **Date Received..:** 09/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**10.9**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**

Dilution Factor: 1 MDL.....: 2.2

Fluor Hanford Inc

Client Sample ID: B1PFP5

General Chemistry

Lot-Sample #...: F7I130148-001 **Work Order #...:** J6PV2 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	**3.2 B**	**5.0**	**mg/L**	**MCAWW 413.1**	**10/04/07**	**7277173**

Dilution Factor: 1 MDL.....: 0.50

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1PDV3

General Chemistry

Lot-Sample #...: F7I130151-002 **Work Order #...:** J6PWT **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**79.4 D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**09/14/07**	**7257467**
		Dilution Factor: 20		MDL.....: 0.40		
Fluoride	**0.13**	**0.10**	**mg/L**	**MCAWW 300.0A**	**09/14/07**	**7257468**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**2.9 D**	**0.40**	**mg/L**	**MCAWW 300.0A**	**09/14/07**	**7257471**
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	**0.15 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**09/14/07**	**7257470**
		Dilution Factor: 1		MDL.....: 0.0050		
Oil and Grease (Gravimetric)	**3.3 B**	**5.0**	**mg/L**	**MCAWW 413.1**	**10/04/07**	**7277173**
		Dilution Factor: 1		MDL.....: 0.50		
Sulfate	**74.7 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**09/14/07**	**7257469**
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NY32

General Chemistry

Lot-Sample #...: F7I130154-001 **Work Order #...:** J6PXA **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/13/07	7254510
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**306**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NY33

General Chemistry

Lot-Sample #...: F7I130154-002 **Work Order #...:** J6PXD **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/13/07	7254510
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**278**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NY34

General Chemistry

Lot-Sample #...: F7I130154-003 **Work Order #...:** J6PXE **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/13/07	7254510
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**308**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NY35

General Chemistry

Lot-Sample #...: F7I130154-004 **Work Order #...:** J6PXG **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/13/07	7254510
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**310**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P936

General Chemistry

Lot-Sample #...: F7I140210-002 **Work Order #...:** J6VKE **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P931

General Chemistry

Lot-Sample #...: F7I140210-004 **Work Order #...:** J6VKR **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P926

General Chemistry

Lot-Sample #...: F7I140210-006 **Work Order #...:** J6VLD **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P961

General Chemistry

Lot-Sample #...: F7I140210-008 **Work Order #...:** J6VLG **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P946

General Chemistry

Lot-Sample #...: F7I140210-010 **Work Order #...:** J6VMJ **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P956

General Chemistry

Lot-Sample #...: F7I140210-012 **Work Order #...:** J6VMR **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P951

General Chemistry

Lot-Sample #...: F7I140210-014 **Work Order #...:** J6VMX **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		

Fluor Hanford Inc

Client Sample ID: B1P8D3

General Chemistry

Lot-Sample #...: F7I140210-015 **Work Order #...:** J6VM2 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/19/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**17.3**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8D4

General Chemistry

Lot-Sample #...: F7I140210-016 **Work Order #...:** J6VM4 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**14.9**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8D5

General Chemistry

Lot-Sample #...: F7I140210-017 **Work Order #...:** J6VM5 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**8.0**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8D6

General Chemistry

Lot-Sample #...: F7I140210-018 **Work Order #...:** J6VM6 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**9.0**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8F1

General Chemistry

Lot-Sample #...: F7I140210-021 **Work Order #...:** J6VQX **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.2**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8F2

General Chemistry

Lot-Sample #...: F7I140210-022 **Work Order #...:** J6VQ0 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.7**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8F3

General Chemistry

Lot-Sample #...: F7I140210-023 **Work Order #...:** J6VQ3 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.0**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P8F4

General Chemistry

Lot-Sample #...: F7I140210-024 **Work Order #...:** J6VQ6 **Matrix.....:** WATER
Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.3**	**5.0**	**ug/L**	**SW846 9020B**	**10/09/07**	**7276211**
		Dilution Factor: 1		MDL.....: 2.2		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL710 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J60531AA		MB Lot-Sample #:	F7I140000-467	
	ND	0.20	mg/L	MCAWW 300.0A	09/14/07	7257467
		Dilution Factor: 1				
Fluoride		Work Order #: J60551AA		MB Lot-Sample #:	F7I140000-468	
	ND	0.10	mg/L	MCAWW 300.0A	09/14/07	7257468
		Dilution Factor: 1				
Nitrate		Work Order #: J606F1AA		MB Lot-Sample #:	F7I140000-471	
	ND	0.020	mg/L	MCAWW 300.0A	09/14/07	7257471
		Dilution Factor: 1				
Nitrite		Work Order #: J606C1AA		MB Lot-Sample #:	F7I140000-470	
	ND	0.020	mg/L	MCAWW 300.0A	09/14/07	7257470
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: J7V2N1AA		MB Lot-Sample #:	F7I280000-253	
	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1				
Oil and Grease (Gravimetric)		Work Order #: J79E71AA		MB Lot-Sample #:	F7J040000-173	
	ND	5.0	mg/L	MCAWW 413.1	10/04/07	7277173
		Dilution Factor: 1				
Sulfate		Work Order #: J60571AA		MB Lot-Sample #:	F7I140000-469	
	ND	0.50	mg/L	MCAWW 300.0A	09/14/07	7257469
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J6P5J1AA		MB Lot-Sample #:	F7I110000-510	
	ND	1.0	mg/L	SW846 9060	09/13/07	7254510
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J64F41AA		MB Lot-Sample #:	F7I170000-530	
	ND	1.0	mg/L	SW846 9060	09/20/07	7260530
		Dilution Factor: 1				
TOX		Work Order #: J8K171AA		MB Lot-Sample #:	F7J030000-211	
	ND	5.0	ug/L	SW846 9020B	10/09/07	7276211
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia		WO#:J7V2N1AC-LCS/J7V2N1AD-LCSD				LCS Lot-Sample#: F7I280000-253		
	400	376	ug/L	94		MCAWW 350.1	10/01/07	7271253
	400	380	ug/L	95	1.0	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					
Oil and Grease (Gravimetric)		WO#:J79E71AC-LCS/J79E71AD-LCSD				LCS Lot-Sample#: F7J040000-173		
	100	107	mg/L	107		MCAWW 413.1	10/04/07	7277173
	100	103	mg/L	103	3.2	MCAWW 413.1	10/04/07	7277173
			Dilution Factor: 1					
Total Organic Carbon		WO#:J6P5J1AC-LCS/J6P5J1AD-LCSD				LCS Lot-Sample#: F7I110000-510		
	6.00	5.98	mg/L	100		SW846 9060	09/13/07	7254510
	6.00	6.01	mg/L	100	0.43	SW846 9060	09/13/07	7254510
			Dilution Factor: 1					
Total Organic Carbon		WO#:J64F41AC-LCS/J64F41AD-LCSD				LCS Lot-Sample#: F7I170000-530		
	6.00	5.39	mg/L	90		SW846 9060	09/18-09/20/07	7260530
	6.00	5.39	mg/L	90	0.02	SW846 9060	09/18-09/20/07	7260530
			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 #...: SL710 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #: J60531AC		LCS Lot-Sample#:	F7I140000-467	
	2.00	2.05	mg/L	103	MCAWW 300.0A	09/14/07	7257467
			Dilution Factor: 1				
Fluoride			Work Order #: J60551AC		LCS Lot-Sample#:	F7I140000-468	
	1.00	1.03	mg/L	103	MCAWW 300.0A	09/14/07	7257468
			Dilution Factor: 1				
Nitrate			Work Order #: J606F1AC		LCS Lot-Sample#:	F7I140000-471	
	0.400	0.384	mg/L	96	MCAWW 300.0A	09/14/07	7257471
			Dilution Factor: 1				
Nitrite			Work Order #: J606C1AC		LCS Lot-Sample#:	F7I140000-470	
	0.160	0.154	mg/L	96	MCAWW 300.0A	09/14/07	7257470
			Dilution Factor: 1				
Sulfate			Work Order #: J60571AC		LCS Lot-Sample#:	F7I140000-469	
	8.00	7.64	mg/L	96	MCAWW 300.0A	09/14/07	7257469
			Dilution Factor: 1				
TOX			Work Order #: J8K171AC		LCS Lot-Sample#:	F7J030000-211	
	100	112	ug/L	112	SW846 9020B	10/09/07	7276211
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		J6PWT1AQ		MS Lot-Sample #:	F7I130151-002
	79.4	40.0	122 D	mg/L	106	MCAWW 300.0A	09/14/07	7257467
			Dilution Factor: 20					
Fluoride			Work Order #...:		J6PWT1AR		MS Lot-Sample #:	F7I130151-002
	0.13	2.00	2.19	mg/L	103	MCAWW 300.0A	09/14/07	7257468
			Dilution Factor: 1					
Nitrate			Work Order #...:		J6PWT1AV		MS Lot-Sample #:	F7I130151-002
	2.9	8.00	11.3 D	mg/L	105	MCAWW 300.0A	09/14/07	7257471
			Dilution Factor: 20					
Nitrite			Work Order #...:		J6PWT1AU		MS Lot-Sample #:	F7I130151-002
	0.15	0.100	0.316 N	mg/L	169	MCAWW 300.0A	09/14/07	7257470
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		J6VKE1AF		MS Lot-Sample #:	F7I140210-002
	ND	500	507	ug/L	101	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		J7K341AW		MS Lot-Sample #:	F7I250206-002
	ND	500	507	ug/L	101	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					
Oil and Grease (Gravimetric)			Work Order #...:		J6PV21AD		MS Lot-Sample #:	F7I130148-001
	3.2	100	107	mg/L	104	MCAWW 413.1	10/04/07	7277173
			Dilution Factor: 1					
Sulfate			Work Order #...:		J6PWT1AT		MS Lot-Sample #:	F7I130151-002
	74.7	80.0	153 D	mg/L	97	MCAWW 300.0A	09/14/07	7257469
			Dilution Factor: 20					
Total Organic Carbon			Work Order #...:		J545P1AD		MS Lot-Sample #:	F7I010169-023
	ND	5.00	5.36	mg/L	107	SW846 9060	09/13/07	7254510
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J6PXA1AD		MS Lot-Sample #:	F7I130154-001
	ND	5.00	5.35	mg/L	107	SW846 9060	09/13/07	7254510
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL710 **Matrix.....:** WATER
Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			Work Order #...:		J6VM21AD		MS Lot-Sample #:	F7I140210-015
	ND	5.00	5.20	mg/L	104	SW846 9060	09/19/07	7260530
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J6VM61AD		MS Lot-Sample #:	F7I140210-018
	ND	5.00	4.77	mg/L	95	SW846 9060	09/20/07	7260530
			Dilution Factor: 1					
TOX			Work Order #...:		J6PXA1AE		MS Lot-Sample #:	F7I130154-001
	306	100	393	ug/L	87	SW846 9020B	10/09/07	7276211
			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 #...: F7I120214 **Work Order #...:** J6PWT-SMP J6PWT-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7I130151-002	
	79.4 D	77.4 D	mg/L	2.5	(0-20)	MCAWW 300.0A	09/14/07	7257467
			Dilution Factor: 20					
Fluoride						SD Lot-Sample #:	F7I130151-002	
	0.13	0.081 B	mg/L	43	(0-20)	MCAWW 300.0A	09/14/07	7257468
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7I130151-002	
	74.7 D	75.8 D	mg/L	1.4	(0-20)	MCAWW 300.0A	09/14/07	7257469
			Dilution Factor: 20					
Nitrite						SD Lot-Sample #:	F7I130151-002	
	0.15 N	0.13 N	mg/L	12	(0-20)	MCAWW 300.0A	09/14/07	7257470
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7I130151-002	
	2.9 D	2.9 D	mg/L	0.78	(0-20)	MCAWW 300.0A	09/14/07	7257471
			Dilution Factor: 20					

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.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I120214 **Work Order #...:** J6VM2-SMP J6VM2-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F7I140210-015	
	ND	ND	mg/L	0	(0-20)	SW846 9060	09/19/07	7260530

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I120214 **Work Order #...:** J6VKE-SMP J6VKE-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F7I140210-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	10/01/07	7271253

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I120214 **Work Order #...:** J7K34-SMP J7K34-DUP **Matrix.....:** WATER

Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F7I250206-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	10/01/07	7271253

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I120214 **Work Order #...:** J6PXA-SMP J6PXA-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F7I130154-001	
	306	291	ug/L	5.0	(0-20)	SW846 9020B	10/09/07	7276211
			Dilution Factor: 1					
Total Organic Carbon						SD Lot-Sample #:	F7I130154-001	
	ND	ND	mg/L	0	(0-20)	SW846 9060	09/13/07	7254510
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I120214 **Work Order #...:** J6PV2-SMP J6PV2-DUP **Matrix.....:** WATER

Date Sampled...: 09/12/07 **Date Received..:** 09/13/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)						SD Lot-Sample #:	F7I130148-001	
	3.2 B	3.0 B	mg/L	6.5	(0-20)	MCAWW 413.1	10/04/07	7277173

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.