RECEIVED DECEMBER 3, 2007

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-010

Lot #: F7J170222
SDG #: SL717

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

November 30, 2007

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Pacific Northwest National Laboratories
P.O. Box 1970
Richland, Washington 99352
April 26, 2005
Attention: Steve Trent

SDG	:	SL717
Number of Samples	:	20 samples
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	October 31, 2007

II. Introduction

Between between October 17, 2007 and October 24, 2007, twenty (20) samples water samples were received by TestAmerica St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

The analytical results for this report are presented by analytical test. Each set of data includes sample identification information, analytical results and the appropriate detection limits. All results are based upon samples as they were received, i.e. wet weight, unless otherwise noted on the data sheets. See the attached Methods Summary Form for the methods used in this SDG.

Deviation from Request: None

IV. Definitions

QCBLK-	Quality Control Blank, Method Blank
QCLCS-	Quality Control Laboratory Control Sample, Blank Spike
DUP-	Laboratory Duplicate
MS-	Matrix Spike
MSD-	Matrix Spike Duplicate

V. Comments

General

The following SAFs are associated with this SDG: W08-010, I08-004, I08-002, S08-010

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.

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

Volatiles

Batch: 7304444
For a large number of analytes in the LCS/LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD.
LCS/LCSD recoveries for Bromomethane are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The LCS/LCSD RPD for 1,4-Dioxane and 1-Butanol are outside of the QC limits. The recoveries for the LCS/LCSD are acceptable.

For a large number of analytes in the MS/MSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the MS/MSD.
MS/MSD recoveries for Bromomethane and Iodomethaneare outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

Affected Samples:
F7J230123 (2): B1PX27
F7J230123 (4): B1PX45
F7J230270 (1): B1R296

Semi-Volatiles

Batch: 7299156
The CCV recovery was outside the upper QC limit (greater than 20% RSD) for Dimethylformamide, 2,2-Oxybis (1-Chloropropane), 4-Nitrophenol, a,a-Dimethyl-phenethylamine, Sulfotepp, Dimethoate, 4-Nitroquinoline-1-oxide, and Kepone, indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

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The LCS recoveries for numerous analyte are outside the upper QC limit, indicating a potential positive bias for that analytes. These analytes were not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

Surrogate 2,4,6-Tribromophenol recovered low in the LCS. The samples and method blank has acceptable recoveries for this surrogate

The MS/MSD recoveries for Chrysene 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:
F7J230123 (2): B1PX27
F7J230123 (4): B1PX45

PCBs

Batch: 7300127
The MS/MSD RPD for Aroclor 1016 and Aroclor 1260 are not within method acceptance criteria. MS/MSD recoveries for both analytes are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F7J230123 (2): B1PX27
F7J230123 (4): B1PX45
F7J240126 (3): B1PXF2

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

Mercury
Sulfate
Oil and Grease
Phenols by GC

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.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

November 30, 2007

SDG: SL717

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**

METHODS SUMMARY

SL717

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Oil & Grease (Gravimetric)	MCAWW 413.1	MCAWW 413.1
Phenols by GC	SW846 8040A	SW846 3520
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

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

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

SAMPLE SUMMARY

SL717 : F7J170222

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J86AK	001	B1PWH2	10/16/07	12:14
J86A0	002	B1PWP2	10/16/07	13:35
J86A2	003	B1PWP3	10/16/07	13:35
J86CG	004	B1PWY1	10/16/07	11:27
J86CM	005	B1PX54	10/16/07	10:22
J86CQ	006	B1PX55	10/16/07	10:22
J86D2	007	B1PXY1	10/16/07	08:30
J89CF	008	B1PXY0	10/16/07	08:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL717 : F7J180181

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J89D2	001	B1PV94	10/17/07	10:34

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL717 : F7J200146

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J9HAA	001	B1PV38	10/19/07	11:37
J9HAC	002	B1PV39	10/19/07	11:37

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
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- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL717 : F7J230123

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J9LK3	001	B1PX26	10/22/07	12:50
J9LLA	002	B1PX27	10/22/07	12:50
J9LMV	003	B1PX16	10/22/07	09:00
J9LM3	004	B1PX45	10/22/07	09:00

NOTE(S):

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- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL717 : F7J230270

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J9MR6	001	B1R296	10/22/07	12:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
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- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

SL717 : F7J240126

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J9NWQ	001	B1PWW5	10/23/07	11:12
J9NWV	002	B1PXF1	10/23/07	11:12
J9NWW	003	B1PXF2	10/23/07	11:12
J9NW4	004	B1PWT1	10/23/07	12:46

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SDG# SL717

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-94

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, OCTOBER 2007	HAR-N-506-12	Ice Chest No. 7924 3845 Temp. 3834
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWH2		W	10-16-07	1214	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWH2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Josh Herrick, Fluor Hanford	OCT 16 2007 1400	FedEx	
FedEx	10-17-07 0900	B-2	10/17/07 0900

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# SL717

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SL717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-134

Contact Josh Herrick Fluor Hanford	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W08-010	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, OCTOBER 2007	HNF-N-506	Ice Chest No. 9243843 Temp. 383 4
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWP2		W	10/16/07	1335	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWP2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford		J. Herrick	OCT 16 2007 1400	FedEx			
FedEx			10/17/07 0900				10/17/07 0900

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# SL717

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-135

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA OCTOBER 2007	HAVF-N-506-8	Ice Chest No.: 7924 3845 3834 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWP3		W	10-16-07	1335	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWP3		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Josh Herrick, Fluor Hanford	OCT 16 2007 1400	Fed Ex	
Fed Ex	10-17-07 0900		10/17/07 0900

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# SL717

FLUOR HANFORD

SL717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-174

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA OCTOBER 2007	HNF-N-506-5 Pg 49	Ice Chest No.: GRP-03-012 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 79 828788 1056
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWY1		W	10/16/07	1127	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWY1		W	↓	↓	1x20-mL P	Activity Scan	None

RDW 10/16/07

Relinquished By	Received By
Print / Sign: Fluor Hanford R. T. SICKLE — Date/Time: OCT 16 2007 1300	Print / Sign: FEd EX — Date/Time:
Relinquished By: RD Ex — Date/Time: 10-17-07 0900	Received By: B-N — Date/Time: 10/10/07 0900
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# SL717

FLUOR HANFORD

51717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-010-188**

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Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, OCTOBER 2007	HNF-W-506-5 Pg 49	**Ice Chest No.** GRP-03-012 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 798287881056
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PX54 (F)		W	10/16/07	1022	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PX55		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PX55		W			1x20-mL P	Activity Scan	None
B1PX55		W			3x1000-mL aG	8082_PCB_GC: List-1 (7)	Cool~4C
B1PX55		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

DAW 10/16/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford R. T. SICKLE	1300 10/16/07	FEd EX	
FedEx	10-17-07 0900	B-2	10/17/07 0900

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# SL717

FLUOR HANFORD

SL717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-010-229**

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Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-010	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, OCTOBER 2007	HNF-N-506-5 pg. 49	**Ice Chest No.** GRP-03-012 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 798287881056
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PXY0 (F)		W	10/16/07	0830	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PXY1		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PXY1		W			1x20-mL P	Activity Scan	None
B1PXY1		W			3x1000-mL aG	8082_PCB_GC: List-1 (7)	Cool~4C
B1PXY1		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

DRW 10/16/07

Relinquished By	Date/Time	Received By	Date/Time
Fluor Hanford R. T. SICKLE (Print) (Sign)	OCT 16 2007 1300	FEd EX (Print) (Sign)	
Fed Ex	10-17-07 0900		10/17/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG# SL717

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CUR 163

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-229

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code: DRW 10/17/07
Project Title: RCRA OCTOBER 2007	HNF-N-506-5 pg. 49	Ice Chest No.: ~~GRF03-012~~ Temp.: NOONER #1 DRW 10/17/07
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: ~~7982 8788 1056~~
Protocol: RCRA	Priority: 45 Days	Offsite Property No.: 7914 1377 5864

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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PXY0 (F)		W	10/14/07	0830	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
~~B1PXY1~~		~~W~~			~~3x1000-mL aG~~	~~8040_PHENOLIC_GC: List-1 (17)~~ DRW 10/17/07	~~Residual Chlorine 0.0008% Na2S2O3 Cool~4C~~
B1PXY1		W			1x20-mL P	Activity Scan	None
~~B1PXY1~~		~~W~~			~~3x1000-mL aG~~	~~8082_PCB_GC: List-1 (7)~~ DRW 10/17/07	~~Cool~4C~~
B1PXY1		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

These three bottles were left out of the 10/16/07 shipment

DRW 10/17/07

DRW 10/16/07

Relinquished By	Date/Time	Received By	Date/Time
Fluor Hanford R. T. SICKLE (Print) (Sign)	~~OCT 16 2007~~ OCT 17 2007 1300	FED EX	
FED EX	10-18-07 0800 1300	Michael Hilyer	10-18-07 0950

DRW 10/17/07

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792438453834	**Reference**	SAWS-371
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 16, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 17, 2007 9:00 AM	**Service type**	Priority Overnight
		Weight	54.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 17, 2007	9:00 AM	**Delivered**	Earth City, MO	
	7:25 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:17 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	4:42 AM	Departed FedEx location	MEMPHIS, TN	
	12:58 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 16, 2007	5:18 PM	Left origin	PASCO, WA	
	4:17 PM	Picked up	PASCO, WA	
	4:14 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798287881056	**Reference**	GRP-03-012
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 16, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 17, 2007 9:00 AM	**Service type**	Priority Overnight
		Weight	91.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 17, 2007	9:00 AM	**Delivered**	Earth City, MO	
	7:02 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:54 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	4:42 AM	Departed FedEx location	MEMPHIS, TN	
	12:58 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 16, 2007	5:18 PM	Left origin	PASCO, WA	
	4:17 PM	Picked up	PASCO, WA	
	3:38 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791413715864	**Reference**	NOONER-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 17, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 18, 2007 9:47 AM	**Service type**	Priority Overnight
		Weight	17.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 18, 2007	9:47 AM	**Delivered**	Earth City, MO	
	8:07 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:59 AM	At local FedEx facility	EARTH CITY, MO	
	6:49 AM	At dest sort facility	BERKELEY, MO	
	5:00 AM	Departed FedEx location	MEMPHIS, TN	
	1:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 17, 2007	5:16 PM	Left origin	PASCO, WA	
	4:18 PM	Picked up	PASCO, WA	
	2:53 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J170214
222
300

- 720 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 77135, 76983
COC/RFA No: See below
Initiated By: BD
Date: 10/17/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*

1.	7982 8788 1056	6.	
2.	7924 3845 3834	7.	
3.	7924 3820 2963	8.	
4.	7914 13776 5869	9.	
5.	1371	10.	

Multiple Packages (Y) N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. W08-010-174, 188, 229, R08-003
2. W08-010-94, 134, 135
3. X07-025-21, 22, 24, 25

Possible hold time issues with samples B1MV02, V04, V08 & VF0. log per MF

Did not receive sample B1PXY0 & 5004 for B1PXY1. Received samples on 10/18/07 BD

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: 10-18-07

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

SDG# SL717

FLUOR HANFORD

SL717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-004-8

Collector: Josh Hemick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: ISRM OCTOBER 2007	HNF-N-506-12	Ice Chest No.: NOOVER1 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7914 1377 5864
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PV94		W	10-17-07	1044	1x500-mL P	300.0_ANIONS_IC: Sulfate (1)	Cool~4C In Window
B1PV94		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Hemick, Fluor Hanford			OCT 17 2007 1400	Fed Ex			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			10-18-07 0950		Michael Hilger		10-18-07 0950
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791413715864	**Reference**	NOONER-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 17, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 18, 2007 9:47 AM	**Service type**	Priority Overnight
		Weight	17.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 18, 2007	9:47 AM	**Delivered**	Earth City, MO	
	8:07 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:59 AM	At local FedEx facility	EARTH CITY, MO	
	6:49 AM	At dest sort facility	BERKELEY, MO	
	5:00 AM	Departed FedEx location	MEMPHIS, TN	
	1:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 17, 2007	5:16 PM	Left origin	PASCO, WA	
	4:18 PM	Picked up	PASCO, WA	
	2:53 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**
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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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J180181

- 763 -

Condition Upon Receipt Form

Client: HANFord
Quote No: 77153
COC/RFA No: W08-010-279, I08-004-8
Initiated By: [illegible]
Date: 10-18-07
Time: 0950

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7914 1371 5864
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: COC Not Relinquished

I08-004-8

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: 10-18-07 - 763 -

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# SL717

FLUOR HANFORD CUR 788

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# 18 I08-002-174

Page 1 of 1

Collector ~~J.G. Hogan~~ RTSICKLE ~~Fluor Hanford~~	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. I08-002	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100KR4IAM(1/2), OCTOBER 2007	HNF-N-506-5	Ice Chest No. ERC-99-003 Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7925 8391 1403
Protocol CERCLA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PV38 (F)		W	10-19-07	1137	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PV39		W	↓	↓	1x20-mL P	Activity Scan	None
B1PV39		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
~~J.G. Hogan~~ Fluor Hanford / RTSICKLE	10-19-07 1400 OCT 19 2007	FedEx	
FedEx	10-20-07 09:00	Angela Brown	10-20-07 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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792583911403	**Reference**	ERC-99-003
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 19, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 20, 2007 8:49 AM	**Service type**	Priority Overnight
		Weight	18.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 20, 2007	8:49 AM	**Delivered**	Earth City, MO	
	7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:22 AM	At local FedEx facility	EARTH CITY, MO	
	5:05 AM	At dest sort facility	BERKELEY, MO	
	4:03 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 19, 2007	5:18 PM	Left origin	PASCO, WA	
	4:07 PM	Picked up	PASCO, WA	
	2:40 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	☐	☐
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	English	☐	☐
	English	☐	☐

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J200146

- 788 -

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 17152
COC/RFA No: T08-002
Initiated By: KWB
Date: 10-20-07
Time: 9:00

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7985 8391 1403
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:
T08-002-174

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: 10-23-07 - 788 -

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# SL717

FLUOR HANFORD

SL717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-102

Page 1 of 1

Originator: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA OCTOBER 2007	HNF-N-506-5	Ice Chest No.: SWS-1 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 9182 6688
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PX26 (F)		W	10-22-07	1250	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PX27		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PX27		W			1x20-mL P	Activity Scan	None
B1PX27		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C
B1PX27		W			3x1000-mL aG	8270_SVOA_GCMS_IX: List-2 (124)	Cool~4C
B1PX27		W			3x1000-mL aG	8082_PCB_GC: List-1 (7)	Cool~4C
B1PX27		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PX27		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)
Josh Herrick, Fluor Hanford — OCT 22 2007 1400	FedEX
Relinquished By: FedEx — 10-23-07 0930	Received By: M Heilger — 10-23-07 0930
Relinquished By — Date/Time	Received By — Date/Time
Relinquished By — Date/Time	Received By — Date/Time

Matrix *

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

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

TestAmerica St. Louis

Page 1 of 144

SDG# SL717

FLUOR HANFORD SL 717

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-227

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, OCTOBER 2007	HAVF-N-506-5	Ice Chest No.: 6RB-03-28 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7817 3832 3533
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PX16 (F)		W	0900	10-22-07	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PX45		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PX45		W			1x20-mL P	Activity Scan	None
B1PX45		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C
B1PX45		W			3x1000-mL aG	8270_SVOA_GCMS_IX: List-2 (124)	Cool~4C
B1PX45		W			3x1000-mL aG	8082_PCB_GC: List-1 (7)	Cool~4C
B1PX45		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PX45		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
Josh Herrick, Fluor Hanford	OCT 22 2007 1400	FedEx	
Fed Ex	10-23-07 0930	Michael Hilger	10-23-07 0930

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	798791826688	**Reference**	SWS-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 23, 2007 9:24 AM	**Service type**	Priority Overnight
		Weight	71.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 23, 2007	9:24 AM	**Delivered**	Earth City, MO	
	7:20 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:13 AM	At local FedEx facility	EARTH CITY, MO	
	6:33 AM	At dest sort facility	BERKELEY, MO	
	4:25 AM	Departed FedEx location	MEMPHIS, TN	
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 22, 2007	5:16 PM	Left origin	PASCO, WA	
	4:11 PM	Package data transmitted to FedEx		
	3:28 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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799738323533	**Reference**	GRP-03-028
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 23, 2007 9:24 AM	**Service type**	Priority Overnight
		Weight	77.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 23, 2007	9:24 AM	**Delivered**	Earth City, MO	
	7:20 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:13 AM	At local FedEx facility	EARTH CITY, MO	
	6:33 AM	At dest sort facility	BERKELEY, MO	
	4:25 AM	Departed FedEx location	MEMPHIS, TN	
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 22, 2007	5:16 PM	Left origin	PASCO, WA	
	4:12 PM	Package data transmitted to FedEx		
	3:28 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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTJ230123
159
270

- 774 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 17135, 16983
COC/RFA No: See below
Initiated By: [illegible]
Date: 10-23-07 ~~0930~~ [illegible]
Time: 0950

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7917 8592 2104
2. 7987 9182 6688
3. 7897 3832 3533
4.
5.
6.
7.
8.
9.
10.

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

1. 2°
2. 2°
3. 2
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: S08-010-283 W08-010-102, 227
X07-025-23, 27
~~W08-010, 102 w/t~~ 10-23-07

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: 10.25.07

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# SL717

FLUOR HANFORD

SL717

CJR

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-283

Page 1 of 1

Collector: Josh Hemick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, OCTOBER 2007	HNF-N-506-5	Ice Chest No.: SWS-1 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 9987
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 08 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R296		W	10-22-07	1250	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R296		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Hemick, Fluor Hanford			OCT 22 2007 1400	FedEx			
FedEx			10-23-07 0830	Michael Hager			10-23-07 0830

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# 144

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798791826688	**Reference**	SWS-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 23, 2007 9:24 AM	**Service type**	Priority Overnight
		Weight	71.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 23, 2007	9:24 AM	**Delivered**	Earth City, MO	
	7:20 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:13 AM	At local FedEx facility	EARTH CITY, MO	
	6:33 AM	At dest sort facility	BERKELEY, MO	
	4:25 AM	Departed FedEx location	MEMPHIS, TN	
	1:04 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 22, 2007	5:16 PM	Left origin	PASCO, WA	
	4:11 PM	Package data transmitted to FedEx		
	3:28 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

- 774 -

Lot #(s): FTJ230123
159
170

Condition Upon Receipt Form

Client: Hanford
Quote No: 17135, 16983
COC/RFA No: See below
Initiated By: [illegible]
Date: 10-23-07 ~~0930~~ [illegible]
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7917 8542 2104
2. 7987 9182 6688
3. 7997 3832 3533
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

1. 2°
2. 2°
3. 2
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: S08-010-283 W08-010-102, 227
X07-025-23, 27
~~W08-010, 102 w/t~~ 10-23-07

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: 10.25.07

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# SL717

FLUOR HANFORD

SL717

803

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-158

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN: 10-23-07 FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, OCTOBER 2007	HNF-N-506 10	Ice Chest No.: ERC 02-~~104~~ 101 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7908-5783-1683
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWW5		W	10-23-07	1112	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWW5		W			1x20-mL P	Activity Scan	None
B1PXF1 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C
B1PXF2		W			3x1000-mL aG	8082_PCB_GC: List-1 (7)	Cool~4C
B1PXF2		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford			OCT 23 2007 1700	FED EX			1700
FED EX			10-24-07 09:15				10/24/07 915

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# SL717

FLUOR HANFORD

SL717

803

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-010-142

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, OCTOBER 2007	HNF-N-506 10	Ice Chest No.: ERC 02-101 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7908-5783-1683
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PWT1		W	10-23-07	1246	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1PWT1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Received By
Dave Williamson, Fluor Hanford — Print — Sign — Date/Time 1100 OCT 23 2007	FEDEX — Print — Sign — Date/Time 1100 OCT 23 2007
FED EX — Date/Time 10-24-07 09:15	Date/Time 10/24/07 915
Relinquished By — Date/Time	Received By — Date/Time
Relinquished By — Date/Time	Received By — Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790857831683	**Destination**	Earth City, MO
Signed for by	A.BRUSON	**Delivered to**	Shipping/Receiving
Ship date	Oct 23, 2007	**Service type**	Priority Overnight
Delivery date	Oct 24, 2007 9:17 AM	**Weight**	68.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Oct 24, 2007	9:17 AM	**Delivered**	Earth City, MO	
	7:27 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:18 AM	At local FedEx facility	EARTH CITY, MO	
	4:56 AM	Departed FedEx location	MEMPHIS, TN	
	3:57 AM	At dest sort facility	BERKELEY, MO	
	1:58 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 23, 2007	5:19 PM	Left origin	PASCO, WA	
	4:30 PM	Package data transmitted to FedEx		
	4:16 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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J240126

- 803 -

Condition Upon Receipt Form

Client: Flour Hanford COC/RFA No: W08-010-158, W08-010-142 Date: 10/24/07
Quote No: 77135 Initiated By: JB Time: 915

Shipping Information

Shipper Name: Fed Ex

Multiple Packages Y (N)

Shipping # (s):*
1. 790857831683
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2°
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
W08-010-142, 158

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-25-07

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

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Volatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AF **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/30/07 **Analysis Date..:** 10/30/07
Prep Batch #...: 7304444
Dilution Factor: 1 **Method.....:** SW846 8260B

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

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Volatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	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	99	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	101	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

Fluor Hanford Inc

B1PX27

GC/MS Volatiles

Lot-Sample #: F7J230123-002 **Work Order #:** J9LLA1AF **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: B1PX45

GC/MS Volatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AF **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/30/07 **Analysis Date..:** 10/30/07
Prep Batch #...: 7304444
Dilution Factor: 1 **Method.....:** SW846 8260B

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

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PX45

GC/MS Volatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**0.96 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	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	96	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)

NOTE(S):

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

B1PX45

GC/MS Volatiles

Lot-Sample #: F7J230123-004 **Work Order #:** J9LM31AF **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: B1R296

GC/MS Volatiles

Lot-Sample #...: F7J230270-001 **Work Order #...:** J9MR61AC **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/30/07 **Analysis Date..:** 10/30/07
Prep Batch #...: 7304444
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	**0.20 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	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	94	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

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

B1R296

GC/MS Volatiles

Lot-Sample #: F7J230270-001 **Work Order #:** J9MR61AC **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 #...: SL717 **Work Order #...:** KAATC1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J310000-444

Prep Date.....: 10/30/07
Analysis Date..: 10/30/07 **Prep Batch #...:** 7304444
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Allyl chloride	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	20	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isobutanol	ND	80	ug/L	SW846 8260B
Methacrylonitrile	ND	5.0	ug/L	SW846 8260B
Methyl methacrylate	ND	1.0	ug/L	SW846 8260B
Styrene	**0.13 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Acetonitrile	ND	5.0	ug/L	SW846 8260B
Acrolein	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	**0.87 J**	**2.0**	**ug/L**	**SW846 8260B**
Methylene chloride	**0.13 J**	**1.0**	**ug/L**	**SW846 8260B**

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** KAATC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Carbon disulfide	**0.10 J**	**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	98	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	94	(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 #: F7J310000-444 B **Work Order #:** KAATC1AA **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 #...: SL717 **Work Order #...:** KAATC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J310000-444 KAATC1AD-LCSD
Prep Date.....: 10/30/07 **Analysis Date..:** 10/30/07
Prep Batch #...: 7304444
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.62	ug/L	96	1.2	SW846 8260B
Dibromochloromethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.95	ug/L	100	3.8	SW846 8260B
Chloromethane	10.0	9.93	ug/L	99		SW846 8260B
	10.0	9.95	ug/L	100	0.26	SW846 8260B
Bromomethane	10.0	14.5 a	ug/L	145		SW846 8260B
	10.0	14.7 a	ug/L	147	1.1	SW846 8260B
Chloroethane	10.0	8.86	ug/L	89		SW846 8260B
	10.0	9.53	ug/L	95	7.3	SW846 8260B
1,1-Dichloroethene	10.0	9.36	ug/L	94		SW846 8260B
	10.0	9.77	ug/L	98	4.3	SW846 8260B
1,2-Dichloroethene (total)	20.0	19.4	ug/L	97		SW846 8260B
	20.0	18.9	ug/L	95	2.4	SW846 8260B
1,2-Dichloropropane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.92	ug/L	99	3.2	SW846 8260B
Bromodichloromethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.2	ug/L	102	1.4	SW846 8260B
trans-1,3-Dichloropropene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.72	ug/L	97	7.0	SW846 8260B
2-Hexanone	10.0	10.6	ug/L	106		SW846 8260B
	10.0	9.27	ug/L	93	13	SW846 8260B
Chlorobenzene	10.0	9.99	ug/L	100		SW846 8260B
	10.0	9.86	ug/L	99	1.3	SW846 8260B
Bromoform	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.5	ug/L	105	5.6	SW846 8260B
Ethylbenzene	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.86	ug/L	99	2.7	SW846 8260B
Styrene	10.0	9.40	ug/L	94		SW846 8260B
	10.0	9.13	ug/L	91	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	9.76	ug/L	98	8.4	SW846 8260B
Allyl chloride	10.0	8.16	ug/L	82		SW846 8260B
	10.0	8.89	ug/L	89	8.6	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.7	ug/L	117		SW846 8260B
	10.0	10.3	ug/L	103	13	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** KAATC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J310000-444 KAATC1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dibromoethane	10.0	9.24	ug/L	92		SW846 8260B
	10.0	9.07	ug/L	91	1.8	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.6	ug/L	106	0.37	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	9.50	ug/L	95		SW846 8260B
	10.0	9.52	ug/L	95	0.16	SW846 8260B
Ethyl methacrylate	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.51	ug/L	95	8.2	SW846 8260B
Methyl methacrylate	10.0	9.17	ug/L	92		SW846 8260B
	10.0	8.48	ug/L	85	7.8	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.61	ug/L	96	4.3	SW846 8260B
Trichlorofluoromethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.70	ug/L	97	3.1	SW846 8260B
Acetonitrile	50.0	51.1	ug/L	102		SW846 8260B
	50.0	49.0	ug/L	98	4.1	SW846 8260B
Iodomethane	10.0	11.0	ug/L	110		SW846 8260B
	10.0	11.4	ug/L	114	3.8	SW846 8260B
Vinyl acetate	10.0	13.8	ug/L	138		SW846 8260B
	10.0	12.5	ug/L	125	9.7	SW846 8260B
Acrolein	50.0	48.1	ug/L	96		SW846 8260B
	50.0	48.8	ug/L	98	1.5	SW846 8260B
Isobutanol	200	214	ug/L	107		SW846 8260B
	200	193	ug/L	97	10	SW846 8260B
Methacrylonitrile	50.0	49.6	ug/L	99		SW846 8260B
	50.0	45.0	ug/L	90	9.9	SW846 8260B
1,4-Dioxane	200	264	ug/L	132		SW846 8260B
	200	188 p	ug/L	94	34	SW846 8260B
Chloroprene	10.0	9.99	ug/L	100		SW846 8260B
	10.0	10.3	ug/L	103	3.2	SW846 8260B
Vinyl chloride	10.0	8.52	ug/L	85		SW846 8260B
	10.0	8.51	ug/L	85	0.11	SW846 8260B
Acetone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.6	ug/L	106	1.5	SW846 8260B
Methylene chloride	10.0	9.33	ug/L	93		SW846 8260B
	10.0	9.52	ug/L	95	2.0	SW846 8260B
Carbon disulfide	10.0	10.8	ug/L	108		SW846 8260B
	10.0	11.1	ug/L	111	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** KAATC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J310000-444 KAATC1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethane	10.0	9.91	ug/L	99		SW846 8260B
	10.0	9.68	ug/L	97	2.4	SW846 8260B
2-Butanone	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.55	ug/L	95	5.0	SW846 8260B
Chloroform	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.92	ug/L	99	1.1	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.57	ug/L	96	4.6	SW846 8260B
Propionitrile	50.0	50.9	ug/L	102		SW846 8260B
	50.0	44.8	ug/L	90	13	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.38	ug/L	94		SW846 8260B
	10.0	9.36	ug/L	94	0.11	SW846 8260B
1,1,1-Trichloroethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.4	ug/L	104	1.8	SW846 8260B
Carbon tetrachloride	10.0	9.81	ug/L	98		SW846 8260B
	10.0	9.93	ug/L	99	1.2	SW846 8260B
1,2-Dichloroethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.39	ug/L	94	6.7	SW846 8260B
Benzene	10.0	9.87	ug/L	99		SW846 8260B
	10.0	9.76	ug/L	98	1.1	SW846 8260B
Trichloroethene	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.59	ug/L	96	0.71	SW846 8260B
4-Methyl-2-pentanone	10.0	9.59	ug/L	96		SW846 8260B
	10.0	9.71	ug/L	97	1.2	SW846 8260B
1,1,2-Trichloroethane	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.02	ug/L	90	6.2	SW846 8260B
Tetrachloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	3.3	SW846 8260B
Tetrahydrofuran	50.0	49.2	ug/L	98		SW846 8260B
	50.0	44.3	ug/L	89	11	SW846 8260B
1,4-Dichlorobenzene	10.0	9.96	ug/L	100		SW846 8260B
	10.0	9.91	ug/L	99	0.47	SW846 8260B
1-Butanol	100	114	ug/L	114		SW846 8260B
	100	84.9 p	ug/L	85	29	SW846 8260B
Toluene	10.0	9.91	ug/L	99		SW846 8260B
	10.0	9.93	ug/L	99	0.21	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(85 - 121)
	104	(85 - 121)
Dibromofluoromethane	93	(84 - 117)
	100	(84 - 117)
1,2-Dichloroethane-d4	96	(72 - 124)
	102	(72 - 124)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** KAATC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J310000-444 KAATC1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	99	(80 - 121)
	98	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** J9LLA1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AP-MSD
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/30/07 **Analysis Date..:** 10/30/07
Prep Batch #...: 7304444
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.5	ug/L	105	6.0	SW846 8260B
Chloromethane	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	12.1	ug/L	121	1.8	SW846 8260B
Bromomethane	ND	10.0	15.2	ug/L	152 a		SW846 8260B
	ND	10.0	16.3	ug/L	163 a	7.0	SW846 8260B
Chloroethane	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	9.80	ug/L	98	1.9	SW846 8260B
1,1-Dichloroethene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.2	ug/L	112	2.8	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	21.6	ug/L	108		SW846 8260B
	ND	20.0	21.6	ug/L	108	0.04	SW846 8260B
1,2-Dichloropropane	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.1	ug/L	111	1.6	SW846 8260B
Bromodichloromethane	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	12.1	ug/L	121	0.57	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.2	ug/L	112	2.7	SW846 8260B
2-Hexanone	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.37	SW846 8260B
Chlorobenzene	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.4	ug/L	114	0.26	SW846 8260B
Bromoform	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.9	ug/L	119	4.7	SW846 8260B
Ethylbenzene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.82	SW846 8260B
Styrene	ND	10.0	9.91	ug/L	99		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.9	ug/L	109	3.5	SW846 8260B
Dibromochloromethane	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	11.5	ug/L	115	3.5	SW846 8260B
Allyl chloride	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	12.0	ug/L	120	11	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.2	ug/L	112	0.09	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** J9LLA1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.1	ug/L	111	3.8	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	9.86	ug/L	99	6.2	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.4	ug/L	104	2.4	SW846 8260B
Ethyl methacrylate	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.3	ug/L	113	2.2	SW846 8260B
Methyl methacrylate	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.59	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.5	ug/L	115	4.5	SW846 8260B
Trichlorofluoromethane	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.2	ug/L	122	1.5	SW846 8260B
Acetonitrile	ND	50.0	55.9	ug/L	112		SW846 8260B
	ND	50.0	48.7	ug/L	97	14	SW846 8260B
Iodomethane	ND	10.0	14.9	ug/L	149		SW846 8260B
	ND	10.0	16.0	ug/L	160 a	7.1	SW846 8260B
Vinyl acetate	ND	10.0	13.1	ug/L	131		SW846 8260B
	ND	10.0	12.3	ug/L	123	6.2	SW846 8260B
Acrolein	ND	50.0	47.5	ug/L	95		SW846 8260B
	ND	50.0	49.5	ug/L	99	4.0	SW846 8260B
Isobutanol	ND	200	212	ug/L	106		SW846 8260B
	ND	200	182	ug/L	91	15	SW846 8260B
Methacrylonitrile	ND	50.0	54.7	ug/L	109		SW846 8260B
	ND	50.0	52.6	ug/L	105	3.8	SW846 8260B
1,4-Dioxane	ND	200	192	ug/L	96		SW846 8260B
	ND	200	218	ug/L	109	13	SW846 8260B
Chloroprene	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	12.3	ug/L	123	0.32	SW846 8260B
Vinyl chloride	ND	10.0	9.58	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.4	SW846 8260B
Acetone	ND	10.0	8.78	ug/L	88		SW846 8260B
	ND	10.0	7.61	ug/L	76	14	SW846 8260B
Methylene chloride	ND	10.0	9.77	ug/L	98		SW846 8260B
	ND	10.0	9.31	ug/L	93	4.8	SW846 8260B
Carbon disulfide	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	12.4	ug/L	124	5.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** J9LLA1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.17	SW846 8260B
2-Butanone	ND	10.0	9.75	ug/L	97		SW846 8260B
	ND	10.0	11.0	ug/L	110	12	SW846 8260B
Chloroform	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.3	ug/L	113	2.0	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.1	ug/L	111	0.18	SW846 8260B
Propionitrile	ND	50.0	53.4	ug/L	107		SW846 8260B
	ND	50.0	48.8	ug/L	98	9.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.6	ug/L	106	0.28	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	12.9	ug/L	129		SW846 8260B
	ND	10.0	12.7	ug/L	127	1.6	SW846 8260B
Carbon tetrachloride	ND	10.0	12.4	ug/L	124		SW846 8260B
	ND	10.0	12.5	ug/L	125	0.64	SW846 8260B
1,2-Dichloroethane	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	11.9	ug/L	119	2.8	SW846 8260B
Benzene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	10.6	ug/L	106	4.5	SW846 8260B
Trichloroethene	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	11.0	ug/L	110	7.6	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	10.7	ug/L	107	3.1	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.6	ug/L	106	0.09	SW846 8260B
Tetrachloroethene	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	11.7	ug/L	117	0.34	SW846 8260B
Tetrahydrofuran	ND	50.0	51.4	ug/L	103		SW846 8260B
	ND	50.0	51.5	ug/L	103	0.33	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.5	ug/L	105	3.2	SW846 8260B
1-Butanol	ND	100	81.2	ug/L	81		SW846 8260B
	ND	100	89.8	ug/L	90	10	SW846 8260B
Toluene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.3	ug/L	113	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
	104	(69 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL717 **Work Order #...:** J9LLA1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AP-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(74 - 134)
	99	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
	108	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)
	95	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AK **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/26/07 **Analysis Date..:** 11/10/07
Prep Batch #...: 7299156
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Hexachloropropene	ND	100	ug/L	2.5
N-Nitro-o-toluidine	ND	20	ug/L	
Pyridine	ND	20	ug/L	5.0
N-Nitrosodimethylamine	ND	10	ug/L	2.0
2-Picoline	ND	20	ug/L	5.5
N-Nitrosomethylethylamine	ND	10	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	5.0
Methyl parathion	ND	50	ug/L	1.0
N-Nitrosodiethylamine	ND	10	ug/L	1.0
Ethyl methanesulfonate	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	4.0
Pentachloroethane	ND	50	ug/L	1.0
Aniline	ND	10	ug/L	1.0
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.0
2-Chlorophenol	ND	10	ug/L	1.0
1,3-Dichlorobenzene	ND	10	ug/L	1.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
Benzyl alcohol	ND	10	ug/L	1.0
Hexachlorophene	ND	100	ug/L	10
1,2-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.0
Acetophenone	ND	10	ug/L	1.0
4-Methylphenol	ND	10	ug/L	
N-Nitrosopyrrolidine	ND	10	ug/L	1.0
N-Nitrosomorpholine	ND	10	ug/L	0.96
o-Toluidine	ND	20	ug/L	1.0
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.0
Hexachloroethane	ND	10	ug/L	1.0
2-Methylnaphthalene	ND	10	ug/L	1.0
Nitrobenzene	ND	10	ug/L	1.0
N-Nitrosopiperidine	ND	10	ug/L	1.0
Isophorone	ND	10	ug/L	1.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dimethylphenol	ND	10	ug/L	1.0
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	1.0

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Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AK **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.0
alpha,alpha-Dimethylphenethylamine	ND	50	ug/L	20
2,4-Dichlorophenol	ND	10	ug/L	1.0
1,2,4-Trichlorobenzene	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
2,6-Dichlorophenol	ND	10	ug/L	1.0
4-Chloroaniline	ND	10	ug/L	1.0
Hexachlorobutadiene	ND	10	ug/L	1.0
p-Phenylene diamine	ND	100	ug/L	1.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.0
Safrole	ND	20	ug/L	1.0
1,2,4,5-Tetrachlorobenzene	ND	10	ug/L	1.0
Hexachlorocyclopentadiene	ND	50	ug/L	2.5
2,4,6-Trichlorophenol	ND	10	ug/L	2.0
2,4,5-Trichlorophenol	ND	10	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	1.0
Isosafrole	ND	20	ug/L	5.7
2-Nitroaniline	ND	50	ug/L	2.0
1,4-Naphthoquinone	ND	50	ug/L	0.95
Dimethyl phthalate	ND	10	ug/L	1.0
N-Nitrosodi-n-butylamine	ND	10	ug/L	1.0
1,3-Dinitrobenzene	ND	10	ug/L	1.0
Acenaphthylene	ND	10	ug/L	1.0
2,6-Dinitrotoluene	ND	10	ug/L	1.1
3-Nitroaniline	ND	50	ug/L	1.1
Acenaphthene	ND	10	ug/L	1.0
2,4-Dinitrophenol	ND	50	ug/L	10
4-Nitrophenol	ND	50	ug/L	5.0
Dibenzofuran	ND	10	ug/L	1.0
Pentachlorobenzene	ND	10	ug/L	2.7
2,4-Dinitrotoluene	ND	10	ug/L	1.1
1-Naphthylamine	ND	10	ug/L	1.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
O,O-Diethyl-O-(2-pyrazinyl) phosphorothioate	ND	50	ug/L	0.99

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Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AK **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	10	ug/L	1.0
Fluorene	ND	10	ug/L	1.0
4-Chlorophenyl phenyl ether	ND	10	ug/L	1.0
4-Nitroaniline	ND	50	ug/L	1.3
4,6-Dinitro-2-methylphenol	ND	50	ug/L	5.0
N-Nitrosodiphenylamine	ND	10	ug/L	1.0
Azobenzene	ND	10	ug/L	1.0
Tetraethyldithiopyrophosphate	ND	50	ug/L	1.0
1,3,5-Trinitrobenzene	ND	50	ug/L	5.0
Diallate	ND	20	ug/L	2.0
Phorate	ND	50	ug/L	2.9
4-Bromophenyl phenyl ether	ND	10	ug/L	1.0
Phenacetin	ND	20	ug/L	0.94
Dimethoate	ND	20	ug/L	1.1
Hexachlorobenzene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	1.1
4-Aminobiphenyl	ND	50	ug/L	1.0
Pronamide	ND	20	ug/L	1.0
Disulfoton	ND	50	ug/L	1.0
Phenanthrene	ND	10	ug/L	1.0
Anthracene	ND	10	ug/L	1.1
Dinoseb	ND	20	ug/L	2.0
4-Nitroquinoline-1-oxide	ND	100	ug/L	5.0
Parathion	ND	50	ug/L	1.0
Methapyrilene	ND	50	ug/L	14
Fluoranthene	ND	10	ug/L	1.0
Isodrin	ND	10	ug/L	1.0
Pyrene	ND	10	ug/L	1.0
Aramite 1	ND	20	ug/L	
Aramite 2	ND	20	ug/L	
p-Dimethylaminoazobenzene	ND	20	ug/L	1.0
p-Chlorobenzilate	ND	10	ug/L	1.0
Famphur	ND	100	ug/L	50
Kepone	ND	100	ug/L	20
3,3'-Dimethylbenzidine	ND	50	ug/L	10
Butyl benzyl phthalate	ND	10	ug/L	1.0
2-Acetylaminofluorene	ND	100	ug/L	1.0

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Fluor Hanford Inc

Client Sample ID: B1PX27

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AK **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(a)anthracene	ND	10	ug/L	1.0
3,3'-Dichlorobenzidine	ND	50	ug/L	1.0
Chrysene	ND	10	ug/L	1.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Di-n-butyl phthalate	ND	10	ug/L	1.0
Di-n-octyl phthalate	ND	10	ug/L	5.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	1.0
Benzo(b)fluoranthene	ND	10	ug/L	1.0
Benzo(k)fluoranthene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.0
3-Methylcholanthrene	ND	20	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.0
Benzo(ghi)perylene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(26 - 74)
Phenol-d5	26	(18 - 86)
Nitrobenzene-d5	63	(39 - 94)
2-Fluorobiphenyl	52	(42 - 95)
2,4,6-Tribromophenol	58	(49 - 96)
Terphenyl-d14	73	(31 - 104)

Fluor Hanford Inc

B1PX27

GC/MS Semivolatiles

Lot-Sample #: F7J230123-002 **Work Order #:** J9LLA1AK **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		4.4	M	4.0939	ug/L

NOTE(S):

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

Fluor Hanford Inc

Client Sample ID: B1PX45

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AH **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/26/07 **Analysis Date..:** 11/10/07
Prep Batch #...: 7299156
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Hexachloropropene	ND	100	ug/L	2.5
N-Nitro-o-toluidine	ND	20	ug/L	
Pyridine	ND	20	ug/L	5.0
N-Nitrosodimethylamine	ND	10	ug/L	2.0
2-Picoline	ND	20	ug/L	5.5
N-Nitrosomethylethylamine	ND	10	ug/L	1.0
Methyl methanesulfonate	ND	10	ug/L	5.0
Methyl parathion	ND	50	ug/L	1.0
N-Nitrosodiethylamine	ND	10	ug/L	1.0
Ethyl methanesulfonate	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	4.0
Pentachloroethane	ND	50	ug/L	1.0
Aniline	ND	10	ug/L	1.0
bis(2-Chloroethyl)-ether	ND	10	ug/L	1.0
2-Chlorophenol	ND	10	ug/L	1.0
1,3-Dichlorobenzene	ND	10	ug/L	1.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
Benzyl alcohol	ND	10	ug/L	1.0
Hexachlorophene	ND	100	ug/L	10
1,2-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	1.0
Acetophenone	ND	10	ug/L	1.0
4-Methylphenol	ND	10	ug/L	
N-Nitrosopyrrolidine	ND	10	ug/L	1.0
N-Nitrosomorpholine	ND	10	ug/L	0.96
o-Toluidine	ND	20	ug/L	1.0
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	1.0
Hexachloroethane	ND	10	ug/L	1.0
2-Methylnaphthalene	ND	10	ug/L	1.0
Nitrobenzene	ND	10	ug/L	1.0
N-Nitrosopiperidine	ND	10	ug/L	1.0
Isophorone	ND	10	ug/L	1.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dimethylphenol	ND	10	ug/L	1.0
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	1.0

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Fluor Hanford Inc

Client Sample ID: B1PX45

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AH **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.0
alpha,alpha-Dimethylphenethylamine	ND	50	ug/L	20
2,4-Dichlorophenol	ND	10	ug/L	1.0
1,2,4-Trichlorobenzene	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
2,6-Dichlorophenol	ND	10	ug/L	1.0
4-Chloroaniline	ND	10	ug/L	1.0
Hexachlorobutadiene	ND	10	ug/L	1.0
p-Phenylene diamine	ND	100	ug/L	1.0
4-Chloro-3-methylphenol	ND	10	ug/L	1.0
Safrole	ND	20	ug/L	1.0
1,2,4,5-Tetrachlorobenzene	ND	10	ug/L	1.0
Hexachlorocyclopentadiene	ND	50	ug/L	2.5
2,4,6-Trichlorophenol	ND	10	ug/L	2.0
2,4,5-Trichlorophenol	ND	10	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	1.0
Isosafrole	ND	20	ug/L	5.7
2-Nitroaniline	ND	50	ug/L	2.0
1,4-Naphthoquinone	ND	50	ug/L	0.95
Dimethyl phthalate	ND	10	ug/L	1.0
N-Nitrosodi-n-butylamine	ND	10	ug/L	1.0
1,3-Dinitrobenzene	ND	10	ug/L	1.0
Acenaphthylene	ND	10	ug/L	1.0
2,6-Dinitrotoluene	ND	10	ug/L	1.1
3-Nitroaniline	ND	50	ug/L	1.1
Acenaphthene	ND	10	ug/L	1.0
2,4-Dinitrophenol	ND	50	ug/L	10
4-Nitrophenol	ND	50	ug/L	5.0
Dibenzofuran	ND	10	ug/L	1.0
Pentachlorobenzene	ND	10	ug/L	2.7
2,4-Dinitrotoluene	ND	10	ug/L	1.1
1-Naphthylamine	ND	10	ug/L	1.0
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	1.0
2-Naphthylamine	ND	10	ug/L	1.0
O,O-Diethyl-O-(2-pyrazinyl) phosphorothioate	ND	50	ug/L	0.99

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PX45

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AH **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	10	ug/L	1.0
Fluorene	ND	10	ug/L	1.0
4-Chlorophenyl phenyl ether	ND	10	ug/L	1.0
4-Nitroaniline	ND	50	ug/L	1.3
4,6-Dinitro-2-methylphenol	ND	50	ug/L	5.0
N-Nitrosodiphenylamine	ND	10	ug/L	1.0
Azobenzene	ND	10	ug/L	1.0
Tetraethyldithiopyrophosphate	ND	50	ug/L	1.0
1,3,5-Trinitrobenzene	ND	50	ug/L	5.0
Diallate	ND	20	ug/L	2.0
Phorate	ND	50	ug/L	2.9
4-Bromophenyl phenyl ether	ND	10	ug/L	1.0
Phenacetin	ND	20	ug/L	0.94
Dimethoate	ND	20	ug/L	1.1
Hexachlorobenzene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
Pentachloronitrobenzene	ND	50	ug/L	1.1
4-Aminobiphenyl	ND	50	ug/L	1.0
Pronamide	ND	20	ug/L	1.0
Disulfoton	ND	50	ug/L	1.0
Phenanthrene	ND	10	ug/L	1.0
Anthracene	ND	10	ug/L	1.1
Dinoseb	ND	20	ug/L	2.0
4-Nitroquinoline-1-oxide	ND	100	ug/L	5.0
Parathion	ND	50	ug/L	1.0
Methapyrilene	ND	50	ug/L	14
Fluoranthene	ND	10	ug/L	1.0
Isodrin	ND	10	ug/L	1.0
Pyrene	ND	10	ug/L	1.0
Aramite 1	ND	20	ug/L	
Aramite 2	ND	20	ug/L	
p-Dimethylaminoazobenzene	ND	20	ug/L	1.0
p-Chlorobenzilate	ND	10	ug/L	1.0
Famphur	ND	100	ug/L	50
Kepone	ND	100	ug/L	20
3,3'-Dimethylbenzidine	ND	50	ug/L	10
Butyl benzyl phthalate	ND	10	ug/L	1.0
2-Acetylaminofluorene	ND	100	ug/L	1.0

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PX45

GC/MS Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AH **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Benzo(a)anthracene	ND	10	ug/L	1.0
3,3'-Dichlorobenzidine	ND	50	ug/L	1.0
Chrysene	ND	10	ug/L	1.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Di-n-butyl phthalate	ND	10	ug/L	1.0
Di-n-octyl phthalate	ND	10	ug/L	5.0
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	1.0
Benzo(b)fluoranthene	ND	10	ug/L	1.0
Benzo(k)fluoranthene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.0
3-Methylcholanthrene	ND	20	ug/L	1.0
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.0
Benzo(ghi)perylene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	41	(26 - 74)
Phenol-d5	27	(18 - 86)
Nitrobenzene-d5	66	(39 - 94)
2-Fluorobiphenyl	55	(42 - 95)
2,4,6-Tribromophenol	54	(49 - 96)
Terphenyl-d14	76	(31 - 104)

Fluor Hanford Inc

B1PX45

GC/MS Semivolatiles

Lot-Sample #: F7J230123-004 **Work Order #:** J9LM31AH **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J260000-156

Prep Date.....: 10/26/07
Analysis Date..: 11/10/07 **Prep Batch #...:** 7299156
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Pyridine	ND	20	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pentachloroethane	ND	50	ug/L	SW846 8270C
Aniline	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
Hexachlorophene	ND	100	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
N-Nitrosomorpholine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	20	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha,alpha-Dimethylphene	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
p-Phenylene diamine	ND	100	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
Safrole	ND	20	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
Acenaphthene	ND	10	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
O,O-Diethyl-O-(2-pyraziny	ND	50	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
Azobenzene	ND	10	ug/L	SW846 8270C
Tetraethyldithiopyro-phosphate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	20	ug/L	SW846 8270C
4-Nitroquinoline-1-oxide	ND	100	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Aramite 1	ND	20	ug/L	SW846 8270C
Aramite 2	ND	20	ug/L	SW846 8270C
p-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
p-Chlorobenzilate	ND	10	ug/L	SW846 8270C
Famphur	ND	100	ug/L	SW846 8270C
Kepone	ND	100	ug/L	SW846 8270C
3,3'-Dimethylbenzidine	ND	50	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Tributyl phosphate	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	45	(26 - 74)
Phenol-d5	31	(18 - 86)
Nitrobenzene-d5	71	(39 - 94)
2-Fluorobiphenyl	67	(42 - 95)
2,4,6-Tribromophenol	62	(49 - 96)
Terphenyl-d14	102	(31 - 104)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F7J260000-156 B **Work Order #:** J90AM1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		13	M	4.407	ug/L
Unknown		6.7	M	4.6741	ug/L

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J260000-156
Prep Date.....: 10/26/07 **Analysis Date..:** 11/10/07
Prep Batch #...: 7299156
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	100	23.5	ug/L	24	SW846 8270C
bis(2-Chloroethyl)-ether	100	68.9	ug/L	69	SW846 8270C
2-Chlorophenol	100	46.9	ug/L	47	SW846 8270C
1,3-Dichlorobenzene	100	54.7	ug/L	55	SW846 8270C
1,4-Dichlorobenzene	100	54.7	ug/L	55	SW846 8270C
1,2-Dichlorobenzene	100	55.7	ug/L	56	SW846 8270C
2-Methylphenol	100	54.4	ug/L	54	SW846 8270C
2,2'-oxybis(1-Chloropropa	100	75.2	ug/L	75	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	81.7	ug/L	82	SW846 8270C
Hexachloroethane	100	57.8	ug/L	58	SW846 8270C
Nitrobenzene	100	69.6	ug/L	70	SW846 8270C
2-Methylnaphthalene	100	65.1	ug/L	65	SW846 8270C
Isophorone	100	81.8	ug/L	82	SW846 8270C
2-Nitrophenol	100	47.1	ug/L	47	SW846 8270C
2,4-Dimethylphenol	100	60.3	ug/L	60	SW846 8270C
bis(2-Chloroethoxy) methane	100	66.9	ug/L	67	SW846 8270C
2,4-Dichlorophenol	100	46.1	ug/L	46	SW846 8270C
1,2,4-Trichloro-benzene	100	60.3	ug/L	60	SW846 8270C
Naphthalene	100	61.1	ug/L	61	SW846 8270C
4-Chloroaniline	100	43.7	ug/L	44	SW846 8270C
Hexachlorobutadiene	100	58.8	ug/L	59	SW846 8270C
4-Chloro-3-methylphenol	100	62.4	ug/L	62	SW846 8270C
Hexachlorocyclopenta-diene	100	59.4	ug/L	59	SW846 8270C
2,4,6-Trichloro-phenol	100	44.9	ug/L	45	SW846 8270C
2,4,5-Trichloro-phenol	100	44.8	ug/L	45	SW846 8270C
2-Chloronaphthalene	100	72.1	ug/L	72	SW846 8270C
2-Nitroaniline	100	77.1	ug/L	77	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J260000-156

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	70.5	ug/L	70	SW846 8270C
Acenaphthylene	100	71.5	ug/L	72	SW846 8270C
2,6-Dinitrotoluene	100	69.2	ug/L	69	SW846 8270C
3-Nitroaniline	100	63.7	ug/L	64	SW846 8270C
Acenaphthene	100	73.6	ug/L	74	SW846 8270C
2,4-Dinitrophenol	100	30.6 a	ug/L	31	SW846 8270C
4-Nitrophenol	100	28.6	ug/L	29	SW846 8270C
Dibenzofuran	100	74.6	ug/L	75	SW846 8270C
2,4-Dinitrotoluene	100	72.1	ug/L	72	SW846 8270C
Diethyl phthalate	100	73.7	ug/L	74	SW846 8270C
Fluorene	100	83.4	ug/L	83	SW846 8270C
4-Chlorophenyl phenyl ether	100	86.8	ug/L	87	SW846 8270C
4-Nitroaniline	100	64.3	ug/L	64	SW846 8270C
4,6-Dinitro-2-methylphenol	100	49.4	ug/L	49	SW846 8270C
N-Nitrosodiphenylamine	100	76.3	ug/L	76	SW846 8270C
4-Bromophenyl phenyl ether	100	88.9	ug/L	89	SW846 8270C
Hexachlorobenzene	100	105 a	ug/L	105	SW846 8270C
Pentachlorophenol	100	47.6	ug/L	48	SW846 8270C
Phenanthrene	100	96.2 a	ug/L	96	SW846 8270C
Anthracene	100	106 a	ug/L	106	SW846 8270C
Fluoranthene	100	107 a	ug/L	107	SW846 8270C
Pyrene	100	104 a	ug/L	104	SW846 8270C
Butyl benzyl phthalate	100	102 a	ug/L	102	SW846 8270C
Benzo(a)anthracene	100	107 a	ug/L	107	SW846 8270C
3,3'-Dichlorobenzidine	100	56.3	ug/L	56	SW846 8270C
Chrysene	100	154 a	ug/L	154	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	116 a	ug/L	116	SW846 8270C
Di-n-butyl phthalate	100	93.8	ug/L	94	SW846 8270C
Di-n-octyl phthalate	100	116 a	ug/L	116	SW846 8270C
Benzo(b)fluoranthene	100	114 a	ug/L	114	SW846 8270C
Benzo(k)fluoranthene	100	119 a	ug/L	119	SW846 8270C
Benzo(a)pyrene	100	108 a	ug/L	108	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	95.4	ug/L	95	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J90AM1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J260000-156

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzo(ghi)perylene	**100**	**98.2**	**ug/L**	**98**	**SW846 8270C**
Dibenz(a,h)anthracene	**100**	**101**	**ug/L**	**101**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	31	(26 - 67)
Phenol-d5	24	(19 - 45)
Nitrobenzene-d5	67	(45 - 96)
2-Fluorobiphenyl	66	(50 - 100)
2,4,6-Tribromophenol	47 *	(55 - 103)
Terphenyl-d14	85	(40 - 106)

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 Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9LM31AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-004 J9LM31AK-MSD
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/26/07 **Analysis Date..:** 11/10/07
Prep Batch #...: 7299156
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenol	ND	95.3	25.9	ug/L	27		SW846 8270C
	ND	95.7	27.9	ug/L	29	7.2	SW846 8270C
bis(2-Chloroethyl)-ether	ND	95.3	64.7	ug/L	68		SW846 8270C
	ND	95.7	69.8	ug/L	73	7.6	SW846 8270C
2-Chlorophenol	ND	95.3	60.2	ug/L	63		SW846 8270C
	ND	95.7	64.2	ug/L	67	6.3	SW846 8270C
1,3-Dichlorobenzene	ND	95.3	47.4	ug/L	50		SW846 8270C
	ND	95.7	52.4	ug/L	55	9.9	SW846 8270C
1,4-Dichlorobenzene	ND	95.3	47.4	ug/L	50		SW846 8270C
	ND	95.7	51.9	ug/L	54	9.1	SW846 8270C
1,2-Dichlorobenzene	ND	95.3	48.8	ug/L	51		SW846 8270C
	ND	95.7	53.7	ug/L	56	9.6	SW846 8270C
2-Methylphenol	ND	95.3	56.3	ug/L	59		SW846 8270C
	ND	95.7	60.2	ug/L	63	6.7	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	95.3	69.6	ug/L	73		SW846 8270C
	ND	95.7	75.5	ug/L	79	8.0	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	95.3	75.7	ug/L	79		SW846 8270C
	ND	95.7	81.6	ug/L	85	7.6	SW846 8270C
Hexachloroethane	ND	95.3	49.8	ug/L	52		SW846 8270C
	ND	95.7	53.7	ug/L	56	7.5	SW846 8270C
Nitrobenzene	ND	95.3	66.5	ug/L	70		SW846 8270C
	ND	95.7	70.5	ug/L	74	5.8	SW846 8270C
2-Methylnaphthalene	ND	95.3	54.9	ug/L	58		SW846 8270C
	ND	95.7	59.4	ug/L	62	7.9	SW846 8270C
Isophorone	ND	95.3	77.2	ug/L	81		SW846 8270C
	ND	95.7	82.4	ug/L	86	6.5	SW846 8270C
2-Nitrophenol	ND	95.3	61.2	ug/L	64		SW846 8270C
	ND	95.7	65.4	ug/L	68	6.7	SW846 8270C
2,4-Dimethylphenol	ND	95.3	58.0	ug/L	61		SW846 8270C
	ND	95.7	63.0	ug/L	66	8.3	SW846 8270C
bis(2-Chloroethoxy) methane	ND	95.3	63.4	ug/L	67		SW846 8270C
	ND	95.7	67.4	ug/L	70	6.2	SW846 8270C
2,4-Dichlorophenol	ND	95.3	58.2	ug/L	61		SW846 8270C
	ND	95.7	63.5	ug/L	66	8.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9LM31AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-004 J9LM31AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	95.3	49.7	ug/L	52		SW846 8270C
	ND	95.7	54.9	ug/L	57	10	SW846 8270C
Naphthalene	ND	95.3	54.6	ug/L	57		SW846 8270C
	ND	95.7	60.0	ug/L	63	9.4	SW846 8270C
4-Chloroaniline	ND	95.3	50.3	ug/L	53		SW846 8270C
	ND	95.7	52.5	ug/L	55	4.3	SW846 8270C
Hexachlorobutadiene	ND	95.3	45.7	ug/L	48		SW846 8270C
	ND	95.7	49.5	ug/L	52	8.0	SW846 8270C
4-Chloro-3-methylphenol	ND	95.3	68.3	ug/L	72		SW846 8270C
	ND	95.7	71.5	ug/L	75	4.6	SW846 8270C
Hexachlorocyclopenta-diene	ND	95.3	39.1	ug/L	41		SW846 8270C
	ND	95.7	42.8	ug/L	45	9.0	SW846 8270C
2,4,6-Trichloro-phenol	ND	95.3	59.8	ug/L	63		SW846 8270C
	ND	95.7	64.0	ug/L	67	6.8	SW846 8270C
2,4,5-Trichloro-phenol	ND	95.3	58.6	ug/L	62		SW846 8270C
	ND	95.7	62.2	ug/L	65	5.9	SW846 8270C
2-Chloronaphthalene	ND	95.3	58.9	ug/L	62		SW846 8270C
	ND	95.7	63.8	ug/L	67	7.8	SW846 8270C
2-Nitroaniline	ND	95.3	72.9	ug/L	76		SW846 8270C
	ND	95.7	75.3	ug/L	79	3.3	SW846 8270C
Dimethyl phthalate	ND	95.3	66.6	ug/L	70		SW846 8270C
	ND	95.7	69.4	ug/L	73	4.1	SW846 8270C
Acenaphthylene	ND	95.3	62.8	ug/L	66		SW846 8270C
	ND	95.7	66.1	ug/L	69	5.1	SW846 8270C
2,6-Dinitrotoluene	ND	95.3	64.6	ug/L	68		SW846 8270C
	ND	95.7	69.1	ug/L	72	6.7	SW846 8270C
3-Nitroaniline	ND	95.3	62.3	ug/L	65		SW846 8270C
	ND	95.7	62.4	ug/L	65	0.09	SW846 8270C
Acenaphthene	ND	95.3	62.2	ug/L	65		SW846 8270C
	ND	95.7	65.8	ug/L	69	5.6	SW846 8270C
2,4-Dinitrophenol	ND	95.3	49.9	ug/L	52		SW846 8270C
	ND	95.7	53.6	ug/L	56	7.2	SW846 8270C
4-Nitrophenol	ND	95.3	36.0	ug/L	38		SW846 8270C
	ND	95.7	36.8	ug/L	38	2.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9LM31AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-004 J9LM31AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenzofuran	ND	95.3	59.9	ug/L	63		SW846 8270C
	ND	95.7	62.4	ug/L	65	4.0	SW846 8270C
2,4-Dinitrotoluene	ND	95.3	67.2	ug/L	71		SW846 8270C
	ND	95.7	70.3	ug/L	73	4.5	SW846 8270C
Diethyl phthalate	ND	95.3	70.1	ug/L	74		SW846 8270C
	ND	95.7	73.2	ug/L	77	4.3	SW846 8270C
Fluorene	ND	95.3	64.4	ug/L	68		SW846 8270C
	ND	95.7	66.8	ug/L	70	3.7	SW846 8270C
4-Chlorophenyl phenyl ether	ND	95.3	62.4	ug/L	65		SW846 8270C
	ND	95.7	64.4	ug/L	67	3.2	SW846 8270C
4-Nitroaniline	ND	95.3	63.0	ug/L	66		SW846 8270C
	ND	95.7	65.8	ug/L	69	4.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	95.3	63.8	ug/L	67		SW846 8270C
	ND	95.7	66.6	ug/L	70	4.3	SW846 8270C
N-Nitrosodiphenylamine	ND	95.3	65.1	ug/L	68		SW846 8270C
	ND	95.7	68.5	ug/L	72	5.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	95.3	59.8	ug/L	63		SW846 8270C
	ND	95.7	62.4	ug/L	65	4.2	SW846 8270C
Hexachlorobenzene	ND	95.3	62.1	ug/L	65		SW846 8270C
	ND	95.7	64.3	ug/L	67	3.5	SW846 8270C
Pentachlorophenol	ND	95.3	55.9	ug/L	59		SW846 8270C
	ND	95.7	58.8	ug/L	61	5.0	SW846 8270C
Phenanthrene	ND	95.3	65.5	ug/L	69		SW846 8270C
	ND	95.7	67.1	ug/L	70	2.4	SW846 8270C
Anthracene	ND	95.3	65.9	ug/L	69		SW846 8270C
	ND	95.7	67.4	ug/L	70	2.3	SW846 8270C
Fluoranthene	ND	95.3	67.0	ug/L	70		SW846 8270C
	ND	95.7	68.4	ug/L	71	2.1	SW846 8270C
Pyrene	ND	95.3	65.8	ug/L	69		SW846 8270C
	ND	95.7	68.4	ug/L	71	3.8	SW846 8270C
Butyl benzyl phthalate	ND	95.3	68.6	ug/L	72		SW846 8270C
	ND	95.7	71.4	ug/L	75	4.0	SW846 8270C
Benzo(a)anthracene	ND	95.3	63.4	ug/L	67		SW846 8270C
	ND	95.7	66.2	ug/L	69	4.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	95.3	43.8	ug/L	46		SW846 8270C
	ND	95.7	45.7	ug/L	48	4.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9LM31AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-004 J9LM31AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Chrysene	**ND**	**95.3**	**89.6**	**ug/L**	**94 a**		**SW846 8270C**
	ND	**95.7**	**93.3**	**ug/L**	**97 a**	**4.0**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**ND**	**95.3**	**69.5**	**ug/L**	**73**		**SW846 8270C**
	ND	**95.7**	**72.6**	**ug/L**	**76**	**4.2**	**SW846 8270C**
Di-n-butyl phthalate	**ND**	**95.3**	**69.2**	**ug/L**	**73**		**SW846 8270C**
	ND	**95.7**	**71.6**	**ug/L**	**75**	**3.4**	**SW846 8270C**
Di-n-octyl phthalate	**ND**	**95.3**	**71.4**	**ug/L**	**75**		**SW846 8270C**
	ND	**95.7**	**74.4**	**ug/L**	**78**	**4.0**	**SW846 8270C**
Benzo(b)fluoranthene	**ND**	**95.3**	**67.0**	**ug/L**	**70**		**SW846 8270C**
	ND	**95.7**	**72.2**	**ug/L**	**75**	**7.5**	**SW846 8270C**
Benzo(k)fluoranthene	**ND**	**95.3**	**73.4**	**ug/L**	**77**		**SW846 8270C**
	ND	**95.7**	**72.4**	**ug/L**	**76**	**1.4**	**SW846 8270C**
Benzo(a)pyrene	**ND**	**95.3**	**63.0**	**ug/L**	**66**		**SW846 8270C**
	ND	**95.7**	**65.2**	**ug/L**	**68**	**3.4**	**SW846 8270C**
Indeno(1,2,3-cd)pyrene	**ND**	**95.3**	**56.8**	**ug/L**	**60**		**SW846 8270C**
	ND	**95.7**	**61.8**	**ug/L**	**65**	**8.5**	**SW846 8270C**
Benzo(ghi)perylene	**ND**	**95.3**	**58.7**	**ug/L**	**62**		**SW846 8270C**
	ND	**95.7**	**61.0**	**ug/L**	**64**	**3.8**	**SW846 8270C**
Dibenz(a,h)anthracene	**ND**	**95.3**	**60.7**	**ug/L**	**64**		**SW846 8270C**
	ND	**95.7**	**62.9**	**ug/L**	**66**	**3.6**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	42	(26 - 74)
	44	(26 - 74)
Phenol-d5	28	(18 - 86)
	30	(18 - 86)
Nitrobenzene-d5	69	(39 - 94)
	72	(39 - 94)
2-Fluorobiphenyl	59	(42 - 95)
	65	(42 - 95)
2,4,6-Tribromophenol	62	(49 - 96)
	66	(49 - 96)
Terphenyl-d14	71	(31 - 104)
	73	(31 - 104)

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.

PHENOLS BY GC

Fluor Hanford Inc

Client Sample ID: B1PWH2

GC Semivolatiles

Lot-Sample #...: F7J170222-001 **Work Order #...:** J86AK1AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(44 - 110)
2-Fluorophenol	73	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PWP2

GC Semivolatiles

Lot-Sample #...: F7J170222-002 **Work Order #...:** J86A01AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(44 - 110)
2-Fluorophenol	76	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PWP3

GC Semivolatiles

Lot-Sample #...: F7J170222-003 **Work Order #...:** J86A21AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(44 - 110)
2-Fluorophenol	73	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PWY1

GC Semivolatiles

Lot-Sample #...: F7J170222-004 **Work Order #...:** J86CG1AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

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

Fluor Hanford Inc

Client Sample ID: B1PX55

GC Semivolatiles

Lot-Sample #...: F7J170222-006 **Work Order #...:** J86CQ1AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(44 - 110)
2-Fluorophenol	70	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PXY1

GC Semivolatiles

Lot-Sample #...: F7J170222-007 **Work Order #...:** J86D21AC **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	92	(44 - 110)
2-Fluorophenol	74	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PX27

GC Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AC **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(44 - 110)
2-Fluorophenol	72	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PX45

GC Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AC **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(44 - 110)
2-Fluorophenol	75	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PWW5

GC Semivolatiles

Lot-Sample #...: F7J240126-001 **Work Order #...:** J9NWQ1AC **Matrix.....:** WATER
Date Sampled...: 10/23/07 **Date Received..:** 10/24/07
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(44 - 110)
2-Fluorophenol	77	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1PWT1

GC Semivolatiles

Lot-Sample #...: F7J240126-004 **Work Order #...:** J9NW41AC **Matrix.....:** WATER
Date Sampled...: 10/23/07 **Date Received..:** 10/24/07
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(44 - 110)
2-Fluorophenol	77	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9MAL1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J230000-076

Prep Date.....: 10/23/07
Analysis Date..: 10/24/07 **Prep Batch #...:** 7296076
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(44 - 110)
2-Fluorophenol	70	(37 - 96)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J945A1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J290000-240

Prep Date.....: 10/29/07
Analysis Date..: 11/01/07 **Prep Batch #...:** 7302240
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(44 - 110)
2-Fluorophenol	74	(37 - 96)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9MAL1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J230000-076
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**100**	**76.9**	**ug/L**	**77**	**SW846 8040A**
4-Chloro-3-methylphenol	**100**	**79.5**	**ug/L**	**79**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**100**	**80.4**	**ug/L**	**80**	**SW846 8040A**
2-Methylphenol	**100**	**79.2**	**ug/L**	**79**	**SW846 8040A**
2,4-Dichlorophenol	**100**	**77.0**	**ug/L**	**77**	**SW846 8040A**
2,6-Dichlorophenol	**100**	**80.1**	**ug/L**	**80**	**SW846 8040A**
2,4-Dimethylphenol	**100**	**79.5**	**ug/L**	**79**	**SW846 8040A**
2,4-Dinitrophenol	**100**	**80.0**	**ug/L**	**80**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**100**	**87.3**	**ug/L**	**87**	**SW846 8040A**
Dinoseb	**100**	**89.8**	**ug/L**	**90**	**SW846 8040A**
2-Nitrophenol	**100**	**79.4**	**ug/L**	**79**	**SW846 8040A**
4-Nitrophenol	**100**	**85.1**	**ug/L**	**85**	**SW846 8040A**
Pentachlorophenol	**100**	**78.5**	**ug/L**	**79**	**SW846 8040A**
Phenol	**100**	**76.9**	**ug/L**	**77**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**100**	**83.5**	**ug/L**	**83**	**SW846 8040A**
2,4,5-Trichloro-phenol	**100**	**78.2**	**ug/L**	**78**	**SW846 8040A**
2,4,6-Trichloro-phenol	**100**	**80.5**	**ug/L**	**81**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(50 - 107)
2-Fluorophenol	71	(50 - 91)

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 Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J945A1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J290000-240
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**100**	**77.2**	**ug/L**	**77**	**SW846 8040A**
4-Chloro-3-methylphenol	**100**	**76.2**	**ug/L**	**76**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**100**	**78.6**	**ug/L**	**79**	**SW846 8040A**
2-Methylphenol	**100**	**79.4**	**ug/L**	**79**	**SW846 8040A**
2,4-Dichlorophenol	**100**	**74.9**	**ug/L**	**75**	**SW846 8040A**
2,6-Dichlorophenol	**100**	**79.0**	**ug/L**	**79**	**SW846 8040A**
2,4-Dimethylphenol	**100**	**77.0**	**ug/L**	**77**	**SW846 8040A**
2,4-Dinitrophenol	**100**	**74.7**	**ug/L**	**75**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**100**	**83.7**	**ug/L**	**84**	**SW846 8040A**
Dinoseb	**100**	**85.1**	**ug/L**	**85**	**SW846 8040A**
2-Nitrophenol	**100**	**77.4**	**ug/L**	**77**	**SW846 8040A**
4-Nitrophenol	**100**	**83.6**	**ug/L**	**84**	**SW846 8040A**
Pentachlorophenol	**100**	**69.6**	**ug/L**	**70**	**SW846 8040A**
Phenol	**100**	**78.1**	**ug/L**	**78**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**100**	**78.7**	**ug/L**	**79**	**SW846 8040A**
2,4,5-Trichlorophenol	**100**	**74.4**	**ug/L**	**74**	**SW846 8040A**
2,4,6-Trichlorophenol	**100**	**77.5**	**ug/L**	**77**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(50 - 107)
2-Fluorophenol	76	(50 - 91)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J86AK1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J170222-001 J86AK1AE-MSD
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7296076
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.0	79.7	ug/L	84		SW846 8040A
	ND	95.0	83.2	ug/L	88	4.3	SW846 8040A
4-Chloro-3-methylphenol	ND	95.0	84.8	ug/L	89		SW846 8040A
	ND	95.0	85.3	ug/L	90	0.59	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.0	84.5	ug/L	89		SW846 8040A
	ND	95.0	87.3	ug/L	92	3.3	SW846 8040A
2-Methylphenol	ND	95.0	82.5	ug/L	87		SW846 8040A
	ND	95.0	85.7	ug/L	90	3.8	SW846 8040A
2,4-Dichlorophenol	ND	95.0	80.5	ug/L	85		SW846 8040A
	ND	95.0	83.5	ug/L	88	3.6	SW846 8040A
2,6-Dichlorophenol	ND	95.0	83.6	ug/L	88		SW846 8040A
	ND	95.0	86.8	ug/L	91	3.8	SW846 8040A
2,4-Dimethylphenol	ND	95.0	82.6	ug/L	87		SW846 8040A
	ND	95.0	85.6	ug/L	90	3.5	SW846 8040A
2,4-Dinitrophenol	ND	95.0	84.1	ug/L	88		SW846 8040A
	ND	95.0	85.4	ug/L	90	1.6	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.0	92.0	ug/L	97		SW846 8040A
	ND	95.0	93.2	ug/L	98	1.2	SW846 8040A
Dinoseb	ND	95.0	93.5	ug/L	98		SW846 8040A
	ND	95.0	95.4	ug/L	100	2.0	SW846 8040A
2-Nitrophenol	ND	95.0	80.6	ug/L	85		SW846 8040A
	ND	95.0	86.7	ug/L	91	7.3	SW846 8040A
4-Nitrophenol	ND	95.0	88.1	ug/L	93		SW846 8040A
	ND	95.0	90.3	ug/L	95	2.5	SW846 8040A
Pentachlorophenol	ND	95.0	81.2	ug/L	85		SW846 8040A
	ND	95.0	82.0	ug/L	86	0.93	SW846 8040A
Phenol	ND	95.0	79.8	ug/L	84		SW846 8040A
	ND	95.0	82.7	ug/L	87	3.5	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.0	91.2	ug/L	96		SW846 8040A
	ND	95.0	86.0	ug/L	91	5.9	SW846 8040A
2,4,5-Trichlorophenol	ND	95.0	82.9	ug/L	87		SW846 8040A
	ND	95.0	84.1	ug/L	89	1.5	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J86AK1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J170222-001 J86AK1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.0**	**86.4**	**ug/L**	**91**		**SW846 8040A**
	ND	**95.0**	**87.3**	**ug/L**	**92**	**1.0**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(44 - 110)
	101	(44 - 110)
2-Fluorophenol	77	(37 - 96)
	80	(37 - 96)

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 #...: SL717 **Work Order #...:** J9LLA1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AU-MSD
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/29/07 **Analysis Date..:** 11/01/07
Prep Batch #...: 7302240
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.0	74.7	ug/L	79		SW846 8040A
	ND	94.7	76.9	ug/L	81	2.9	SW846 8040A
4-Chloro-3-methylphenol	ND	95.0	72.4	ug/L	76		SW846 8040A
	ND	94.7	77.8	ug/L	82	7.2	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.0	75.2	ug/L	79		SW846 8040A
	ND	94.7	78.8	ug/L	83	4.7	SW846 8040A
2-Methylphenol	ND	95.0	76.0	ug/L	80		SW846 8040A
	ND	94.7	78.9	ug/L	83	3.7	SW846 8040A
2,4-Dichlorophenol	ND	95.0	71.8	ug/L	76		SW846 8040A
	ND	94.7	75.6	ug/L	80	5.2	SW846 8040A
2,6-Dichlorophenol	ND	95.0	75.1	ug/L	79		SW846 8040A
	ND	94.7	79.0	ug/L	83	5.0	SW846 8040A
2,4-Dimethylphenol	ND	95.0	73.4	ug/L	77		SW846 8040A
	ND	94.7	76.5	ug/L	81	4.2	SW846 8040A
2,4-Dinitrophenol	ND	95.0	72.7	ug/L	77		SW846 8040A
	ND	94.7	81.0	ug/L	86	11	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.0	81.9	ug/L	86		SW846 8040A
	ND	94.7	94.2	ug/L	99	14	SW846 8040A
Dinoseb	ND	95.0	80.8	ug/L	85		SW846 8040A
	ND	94.7	92.0	ug/L	97	13	SW846 8040A
2-Nitrophenol	ND	95.0	73.8	ug/L	78		SW846 8040A
	ND	94.7	82.6	ug/L	87	11	SW846 8040A
4-Nitrophenol	ND	95.0	79.3	ug/L	83		SW846 8040A
	ND	94.7	85.8	ug/L	91	7.9	SW846 8040A
Pentachlorophenol	ND	95.0	64.8	ug/L	68		SW846 8040A
	ND	94.7	72.7	ug/L	77	12	SW846 8040A
Phenol	ND	95.0	75.0	ug/L	79		SW846 8040A
	ND	94.7	77.5	ug/L	82	3.3	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.0	74.5	ug/L	78		SW846 8040A
	ND	94.7	85.8	ug/L	91	14	SW846 8040A
2,4,5-Trichlorophenol	ND	95.0	70.8	ug/L	74		SW846 8040A
	ND	94.7	76.5	ug/L	81	7.7	SW846 8040A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9LLA1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.0**	**73.4**	**ug/L**	**77**		**SW846 8040A**
	ND	**94.7**	**77.8**	**ug/L**	**82**	**5.9**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(44 - 110)
	101	(44 - 110)
2-Fluorophenol	76	(37 - 96)
	78	(37 - 96)

NOTE(S):

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

Bold print denotes control parameters

PCBs

Fluor Hanford Inc

Client Sample ID: B1PX55

GC Semivolatiles

Lot-Sample #...: F7J170222-006 **Work Order #...:** J86CQ1AD **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/19/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7292310
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.44
Aroclor 1221	ND	1.0	ug/L	0.44
Aroclor 1232	ND	1.0	ug/L	0.44
Aroclor 1242	ND	1.0	ug/L	0.44
Aroclor 1248	ND	1.0	ug/L	0.44
Aroclor 1254	ND	1.0	ug/L	0.30
Aroclor 1260	ND	1.0	ug/L	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	87	(55 - 130)

Fluor Hanford Inc

Client Sample ID: B1PXY1

GC Semivolatiles

Lot-Sample #...: F7J170222-007 **Work Order #...:** J86D21AD **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/19/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7292310
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.44
Aroclor 1221	ND	1.0	ug/L	0.44
Aroclor 1232	ND	1.0	ug/L	0.44
Aroclor 1242	ND	1.0	ug/L	0.44
Aroclor 1248	ND	1.0	ug/L	0.44
Aroclor 1254	ND	1.0	ug/L	0.30
Aroclor 1260	ND	1.0	ug/L	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(55 - 130)

Fluor Hanford Inc

Client Sample ID: B1PX27

GC Semivolatiles

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA1AD **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/27/07 **Analysis Date..:** 11/13/07
Prep Batch #...: 7300127
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.44
Aroclor 1221	ND	1.0	ug/L	0.44
Aroclor 1232	ND	1.0	ug/L	0.44
Aroclor 1242	ND	1.0	ug/L	0.44
Aroclor 1248	ND	1.0	ug/L	0.44
Aroclor 1254	ND	1.0	ug/L	0.30
Aroclor 1260	ND	1.0	ug/L	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(55 - 130)

Fluor Hanford Inc

Client Sample ID: B1PX45

GC Semivolatiles

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM31AD **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/27/07 **Analysis Date..:** 11/13/07
Prep Batch #...: 7300127
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.44
Aroclor 1221	ND	1.0	ug/L	0.44
Aroclor 1232	ND	1.0	ug/L	0.44
Aroclor 1242	ND	1.0	ug/L	0.44
Aroclor 1248	ND	1.0	ug/L	0.44
Aroclor 1254	ND	1.0	ug/L	0.30
Aroclor 1260	ND	1.0	ug/L	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(55 - 130)

Fluor Hanford Inc

Client Sample ID: B1PXF2

GC Semivolatiles

Lot-Sample #...: F7J240126-003 **Work Order #...:** J9NWW1AA **Matrix.....:** WATER
Date Sampled...: 10/23/07 **Date Received..:** 10/24/07
Prep Date.....: 10/27/07 **Analysis Date..:** 11/13/07
Prep Batch #...: 7300127
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.44
Aroclor 1221	ND	1.0	ug/L	0.44
Aroclor 1232	ND	1.0	ug/L	0.44
Aroclor 1242	ND	1.0	ug/L	0.44
Aroclor 1248	ND	1.0	ug/L	0.44
Aroclor 1254	ND	1.0	ug/L	0.30
Aroclor 1260	ND	1.0	ug/L	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(55 - 130)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9ER81AA **Matrix.....:** WATER
MB Lot-Sample #: F7J190000-310

Prep Date.....: 10/19/07
Analysis Date..: 10/25/07 **Prep Batch #...:** 7292310
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	74	(55 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J92D21AA **Matrix.....:** WATER
MB Lot-Sample #: F7J270000-127

Prep Date.....: 10/27/07
Analysis Date..: 11/13/07 **Prep Batch #...:** 7300127
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(55 - 130)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J9ER81AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J190000-310
Prep Date.....: 10/19/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7292310
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**5.00**	**4.60**	**ug/L**	**92**	**SW846 8082**
Aroclor 1260	**5.00**	**4.44**	**ug/L**	**89**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	85	(60 - 120)

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 Semivolatiles

Client Lot #...: SL717 **Work Order #...:** J92D21AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J270000-127
Prep Date.....: 10/27/07 **Analysis Date..:** 11/13/07
Prep Batch #...: 7300127
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**5.00**	**5.72**	**ug/L**	**114**	**SW846 8082**
Aroclor 1260	**5.00**	**4.70**	**ug/L**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(60 - 120)

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 #...: SL717 **Work Order #...:** J86CQ1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J170222-006 J86CQ1AG-MSD
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/19/07 **Analysis Date..:** 10/25/07
Prep Batch #...: 7292310
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**4.86**	**4.80**	**ug/L**	**99**		**SW846 8082**
	ND	**4.85**	**4.86**	**ug/L**	**100**	**1.3**	**SW846 8082**
Aroclor 1260	**ND**	**4.86**	**4.58**	**ug/L**	**94**		**SW846 8082**
	ND	**4.85**	**4.77**	**ug/L**	**98**	**4.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(55 - 130)
	88	(55 - 130)

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 #...: SL717 **Work Order #...:** J9LLA1AQ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7J230123-002 J9LLA1AR-MSD
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07
Prep Date.....: 10/27/07 **Analysis Date..:** 11/13/07
Prep Batch #...: 7300127
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**4.74**	**4.75**	**ug/L**	**100**		**SW846 8082**
	ND	**4.76**	**3.32**	**ug/L**	**70 p**	**36**	**SW846 8082**
Aroclor 1260	**ND**	**4.74**	**5.02**	**ug/L**	**106**		**SW846 8082**
	ND	**4.76**	**3.43**	**ug/L**	**72 p**	**38**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	108	(55 - 130)
	74	(55 - 130)

NOTE(S):

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

Bold print denotes control parameters

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

METALS

Fluor Hanford Inc

Client Sample ID: B1PX54

DISSOLVED Metals

Lot-Sample #...: F7J170222-005 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J86CM1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PX55

TOTAL Metals

Lot-Sample #...: F7J170222-006 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J86CQ1AE
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PXY1

TOTAL Metals

Lot-Sample #...: F7J170222-007 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J86D21AE
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PXY0

DISSOLVED Metals

Lot-Sample #...: F7J170222-008 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J89CF1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PV38

DISSOLVED Metals

Lot-Sample #...: F7J200146-001 **Matrix.....:** WATER
Date Sampled...: 10/19/07 **Date Received..:** 10/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9HAA1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PV39

DISSOLVED Metals

Lot-Sample #...: F7J200146-002 **Matrix.....:** WATER
Date Sampled...: 10/19/07 **Date Received..:** 10/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9HAC1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PX26

DISSOLVED Metals

Lot-Sample #...: F7J230123-001 **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9LK31AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PX27

TOTAL Metals

Lot-Sample #...: F7J230123-002 **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9LLA1AE
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PX16

DISSOLVED Metals

Lot-Sample #...: F7J230123-003 **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9LMV1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PX45

TOTAL Metals

Lot-Sample #...: F7J230123-004 **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9LM31AE
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PXF1

DISSOLVED Metals

Lot-Sample #...: F7J240126-002 **Matrix.....:** WATER
Date Sampled...: 10/23/07 **Date Received..:** 10/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9NWV1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PXF2

TOTAL Metals

Lot-Sample #...: F7J240126-003 **Matrix.....:** WATER
Date Sampled...: 10/23/07 **Date Received..:** 10/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9NWW1AC
		Dilution Factor: 1		MDL.....: 0.093		

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL717 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7J250000-052 **Prep Batch #...:** 7298052						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9RK31AA
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL717 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7J250000-054 **Prep Batch #...:** 7298054						
Mercury	ND	0.20	ug/L	SW846 7470A	10/26/07	J9RK51AA
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL717 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7J250000-052 **Prep Batch #...:** 7298052							
Mercury	1.00	0.988	ug/L	99	SW846 7470A	10/26/07	J9RK31AC
			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 #...: SL717 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7J250000-054 **Prep Batch #...:** 7298054							
Mercury	1.00	0.952	ug/L	95	SW846 7470A	10/26/07	J9RK51AC

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL717 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7J170222-006 **Prep Batch #...:** 7298052									
Mercury									
	ND	1.00	1.08	ug/L	108		SW846 7470A	10/26/07	J86CQ1AH
	ND	1.00	1.09	ug/L	109	0.92	SW846 7470A	10/26/07	J86CQ1AJ

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 #...: SL717 **Matrix.....:** WATER
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7J170222-005 **Prep Batch #...:** 7298054									
Mercury									
	ND	1.00	1.04	ug/L	104		SW846 7470A	10/26/07	J86CM1AC
	ND	1.00	0.995	ug/L	100	4.4	SW846 7470A	10/26/07	J86CM1AD

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: B1PV94

General Chemistry

Lot-Sample #...: F7J180181-001 **Work Order #...:** J89D2 **Matrix.....:** WATER
Date Sampled...: 10/17/07 **Date Received..:** 10/18/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate	**93.7 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**10/18/07**	**7292096**

Dilution Factor: 10 MDL.....: 0.50

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1PX27

General Chemistry

Lot-Sample #...: F7J230123-002 **Work Order #...:** J9LLA **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	**0.80 B,C**	**5.0**	**mg/L**	**MCAWW 413.1**	**11/08-11/09/07**	**7311212**

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

C Analyte detected in method blank above the MDL/IDL.

Fluor Hanford Inc

Client Sample ID: B1PX45

General Chemistry

Lot-Sample #...: F7J230123-004 **Work Order #...:** J9LM3 **Matrix.....:** WATER
Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	**12.2 C**	**5.0**	**mg/L**	**MCAWW 413.1**	**11/08-11/09/07**	**7311212**

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

NOTE(S):

RL Reporting Limit

C Analyte detected in method blank above the MDL/IDL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL717 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)		Work Order #: KA2K91AA		MB Lot-Sample #:	F7K070000-212	
	0.80 B	**5.0**	**mg/L**	**MCAWW 413.1**	**11/08-11/09/07**	**7311212**
		Dilution Factor: 1				
Sulfate		Work Order #: J9JCA1AA		MB Lot-Sample #:	F7J190000-096	
	ND	0.50	mg/L	MCAWW 300.0A	10/18/07	7292096
		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

General Chemistry

Lot-Sample #...: SL717 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)		WO#:KA2K91AC-LCS/KA2K91AD-LCSD				LCS Lot-Sample#: F7K070000-212		
	100	120	mg/L	120		MCAWW 413.1	11/08-11/09/07	7311212
	100	121	mg/L	121	0.82	MCAWW 413.1	11/08-11/09/07	7311212

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 #...: SL717 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate			Work Order #:	J9JCA1AC	LCS Lot-Sample#:	F7J190000-096	
	8.00	7.48	mg/L	93	MCAWW 300.0A	10/18/07	7292096
			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 #...: SL717 **Matrix.....:** WATER
Date Sampled...: 10/17/07 **Date Received..:** 10/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)			Work Order #...: J9LLA1AL			MS Lot-Sample #: F7J230123-002		
	0.80	100	118	mg/L	117	MCAWW 413.1	11/08-11/12/07	7311212
			Dilution Factor: 1					
Sulfate			Work Order #...: J89D21AD			MS Lot-Sample #: F7J180181-001		
	93.7	40.0	135 D	mg/L	103	MCAWW 300.0A	10/18/07	7292096
			Dilution Factor: 10					

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7J170222 **Work Order #...:** J89D2-SMP J89D2-DUP **Matrix.....:** WATER

Date Sampled...: 10/17/07 **Date Received..:** 10/18/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate						SD Lot-Sample #:	F7J180181-001	
	93.7 D	97.0 D	mg/L	3.5	(0-20)	MCAWW 300.0A	10/18/07	7292096

Dilution Factor: 10

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7J170222 **Work Order #...:** J9LLA-SMP J9LLA-DUP **Matrix.....:** WATER

Date Sampled...: 10/22/07 **Date Received..:** 10/23/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)						SD Lot-Sample #:	F7J230123-002	
	0.80 B,C	0.90 B,C	mg/L	12	(0-20)	MCAWW 413.1	11/08-11/09/07	7311212

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.

C Analyte detected in method blank above the MDL/IDL.