RECEIVED MAY 13, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

S08-003

Lot #: F8D040318
SDG #: SL733

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

May 12, 2008

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford, Inc.
P.O. Box 1000
MSIN E6-35
Richland, Washington 99352
April 16, 2008
Attention: Steve Trent

SDG	: SL733
Number of Samples	: 19 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: April 17, 2008

II. Introduction

Between April 4, 2008 and April 10, 2008, nineteen (19) 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: S08-003 and W08-004

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

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
May 12, 2008
SDG: SL733

Volatiles

Batch: 8105524

The D% in the CCV was outside the QC limit (greater than 20% D) for 1,4-Dioxane indicating a potential high bias for this analyte in the samples associated with this CCV. The analyte was not detected above the reporting limit in the associated samples.
Affected Samples:
F8D040318 (1): B1TT71
F8D050142 (1): B1V0R5

Phenols

Batch: 8099287

The opening/closing CCV surrogate recovery for OCAL194 and OCAL203 was outside the upper QC limit (greater than 15%D) for 2,4,6-Tribromophenol indicating a potential high bias for this surrogate in the associated samples. The sample surrogate recoveries were within acceptable QC limits.
Affected Samples:
F8D050142 (2): B1V0Y5
F8D050142 (3): B1V0Y6
F8D050142 (4): B1V107
F8D050142 (5): B1V103
F8D050142 (6): B1V0L1
F8D050142 (7): B1V0L2
F8D050142 (8): B1V101
F8D050142 (9): B1V0Y4
F8D050142 (10): B1V0Y9
F8D050142 (11): B1V0L7
F8D080199 (1): B1V0K1
F8D080199 (2): B1V0L8
F8D080199 (3): B1V0L9
F8D080199 (4): B1V0K2

Batch: 8105185

The closing CCV recovery for OCAL215 was outside the upper QC limit (greater than 15% RSD) for 2-Nitrophenol and 4-Nitrophenol indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples. The CCV surrogate recovery for 2,4,6-Tribromophenol was outside the upper QC limit indicating a potential high bias for this surrogate in the associated samples. The sample surrogate recoveries were within acceptable QC limits.
Affected Samples:
F8D100325 (1): B1V0K9
F8D100325 (2): B1V0K7
F8D100325 (3): B1V0K8

The MS/MSD RPD's are not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8D100325 (1): B1V0K9
F8D100325 (2): B1V0K7
F8D100325 (3): B1V0K8

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
May 12, 2008
SDG: SL733

Oil and Grease

Batch: 8098335

The sample and sample duplicate contained sodium sulfate, the drying agent used for Oil and Greases. To rid the sample residue of the sodium sulfate, the sample was re-filtered and rinsed thoroughly with Freon.
Affected Samples:
F8D050142 (1): B1V0R5

There were no observations or nonconformances for the following methods:

Semi-Volatiles

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

Reviewed and approved:

Michael Franks
St. Louis Project Manager

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

METHODS SUMMARY

SL733

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Oil & Grease (Gravimetric)	MCAWW 413.1	MCAWW 413.1
Phenols by GC	SW846 8040A	SW846 3520
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
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

SL733 : F8D040318

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKQ8L	001	B1TT71	04/02/08	09:38

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

SL733 : F8D050142

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKRTD	001	B1V0R5	04/02/08	09:38
KKRTE	002	B1V0Y5	04/02/08	11:28
KKRTF	003	B1V0Y6	04/02/08	11:28
KKRTG	004	B1V107	04/02/08	13:21
KKRTH	005	B1V103	04/02/08	12:35
KKRTJ	006	B1V0L1	04/03/08	09:29
KKRTK	007	B1V0L2	04/03/08	09:29
KKRTL	008	B1V101	04/03/08	11:44
KKRTN	009	B1V0Y4	04/03/08	09:22
KKRTP	010	B1V0Y9	04/03/08	10:32
KKRTQ	011	B1V0L7	04/03/08	08:39

NOTE(S):

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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

SL733 : F8D080199

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKWDE	001	B1V0K1	04/07/08	12:50
KKWDM	002	B1V0L8	04/07/08	11:02
KKWDN	003	B1V0L9	04/07/08	08:00
KKWDR	004	B1V0K2	04/07/08	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

SL733 : F8D100325

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KK392	001	B1V0K9	04/08/08	08:00
KK395	002	B1V0K7	04/08/08	11:31
KK4AV	003	B1V0K8	04/08/08	10:25

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# SL733

CWR 2542

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-175

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HWF-W-506-15	Ice Chest No.: FRC-96078 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 3542 3750
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0K1		W	4-7-08	1290	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0K1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 07 2008 1400	FED EX			
FED EX			4-8-08 0945	Angela Boon AB Brunson			4/8/08 9:15

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-171

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HWF-N-506-15	Ice Chest No.: FRC-96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 3542 3750
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0L8		W	4-7-08	1102	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0L8		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 07 2008 1400	FED EX			
FED EX			4-8-08 09:15	Angela Brown	ABrown		4-8-08 9:15

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD 5233

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-172

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HWF-W-506-15	Ice Chest No.: ERC-96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 3542 3750
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0L9		W	4-7-08	0800	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0L9		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 07 2008 1400				
Relinquished By			Date/Time	Received By: FED EX			Date/Time
Relinquished By: FED Ex			4-8-08 09:15	Received By: Angela Brunson ABrunson			Date/Time: 4-8-08 9:15
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-176

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HNF-N-506-15	Ice Chest No.: ERC-96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 3942 3750
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0K2		W	4-7-08	0830	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0K2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 07 2008 1400	FED EX			
FED EX			4-8-08 09:15	Angela Brunson		ABrunson	4/8/08 9:15

Matrix *

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

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

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	792035423750	**Reference**	BRC-96-028
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 7, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 8, 2008 9:13 AM	**Service type**	Priority Overnight
		Weight	80.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 8, 2008	9:13 AM	**Delivered**	Earth City, MO
	7:36 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:30 AM	At local FedEx facility	EARTH CITY, MO
	5:39 AM	At dest sort facility	BERKELEY, MO
	5:26 AM	Departed FedEx location	MEMPHIS, TN
Apr 7, 2008	5:12 PM	Left origin	PASCO, WA
	4:06 PM	Picked up	PASCO, WA
	3:59 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8J080199
- 2542 -

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See Below Date: 4-8-08
Quote No: 79091 Initiated By: AB Time: 9:15

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*
1. 7920 3542 3750
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: CWR - W08-004-175
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Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 04-12-08 - 2542 -

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# SL733

FLUOR HANFORD

CWR 2537

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-107**

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	Logbook: HNF-N-506-15	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 0146 0451
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0R5		W	4/2/08	0938	1x20-mL P	Activity Scan	None
B1V0R5		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C
B1V0R5		W	↓	↓	3x1000-mL aG	8270_SVOA_GCMS_IX: List-1 (123)	Cool~4C
B1V0R5		W	↓	↓	3x1000-mL G	413.1_OILGREASE: Oil and Grease (1)	HCl to pH <2 Cool~4C

L. Wade 4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			4/3/08-0930	K B HULSE			4/3/08.0930
K B HULSE			4/3/08 1450	FEDEX			
FEDEX			4-4-08 10:45	Angela Boon A Brunson			4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-5**

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA APRIL 2008	Logbook: HNF-N-506-15	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 0146 0451
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0Y5		W	4/2/08	1128	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0Y5		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wade 4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			4/3/08-0930	K.B. HULSE			4/3/08-0930
K.B. HULSE			4/3/08 1430	FEDEX			
			4-4-08 10:45				10:45 4/4/08

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# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-6

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	Logbook: HNF-N-506-45	Ice Chest No.: SML-125 Temp.: 73
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 0146 0451
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0Y6		W	4/2/08	1128	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0Y6		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wall 4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			4/3/08-0930	K. B. HULSE			4/3/08-0930
K. B. HULSE			4-3-08 1430	FEDEX			
Fed Ex			4-4-08 10:45	Anglo Boom	A Brunson		4/4/08 10:45

Matrix *

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

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

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TestAmerica St. Louis

SDG# SL733

FLUOR HANFORD CWR 2537

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-41**

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	Logbook: HNF-N-506-15	Ice Chest No. ~~B1B~~ 3-N-600 Temp. ~~4-3-08~~
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7984 1177 4750
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V107		W	4/2/08	1321	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V107		W	↓	↓	1x20-mL P	Activity Scan	None

4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks	D J Sparks		4-3-08 1030		E. HULSE		4-3-08 1030
			4-3-08 1400	FEDEX			
FEDEX			4-4-08 10:45				4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-17**

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	Logbook: HNF-N-506-15	Ice Chest No.: B1S-10-SML-6 00 Temp. Initial 4-3-08
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7984 1177 4730
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V103		W	4/2/08	1235	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V103		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wade 4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			4-3-08 1030		K. Hunt		4-3-08 1030
	K. Hunt		4-3-08 1400	FEDEX			
FED EX			4-4-08 10:45				4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-63

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HNF-H-506-73	Ice Chest No. SML-600 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7984 1177 4730
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0L1		W	4-3-08	0929	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0L1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	4-3-08 1030	RB Hulse	4-3-08 1030
RB Hulse	4-3-08 1400	FED EX	
FED EX	4-4-08 10:45	Angela Brown ABrunson	4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-64

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HNF-H-506-13	Ice Chest No. SAL-600 Temp. 87 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7984 1177 4730
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0L2		W	4-3-08	0929	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0L2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			4-3-08 1030	RB Hulse			4-3-08 1030
RB Hulse			4-3-08 1400	FED EX			
FED EX			4-4-08 10:45	A Brunson			4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL733

SL733

FLUOR HANFORD

CUF 2537

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-13**

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HNF-N-506-10	Ice Chest No.: B16-10 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7909 7677 0815
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V101		W	4/3/08	1144	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V101		W	↓	↓	1x20-mL P	Activity Scan	None

4/3/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 03 2008 1420	FED EX			
Relinquished By: FED EX			Date/Time: 4-4-08 10:45	Received By: Angela Brunson		ABrunson	Date/Time: 4-4-08 10:45
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

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TestAmerica St. Louis

SDG# SL733

FLUOR HANFORD

SC733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-004-2**

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HWF-N-506-10	Ice Chest No.: B1G-10 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7909 7677 0815
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0Y4		W	4/3/08	0922	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0Y4		W	↓	↓	1x20-mL P	Activity Scan	None

DRW 4/3/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 03 2008 1430	FEd EX			
Relinquished By: FED EX			Date/Time: 4-4-08 10:45	Received By: Angela Brown		A Brown	Date/Time: 4-4-08 10:45
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

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TestAmerica St. Louis

SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-9

Page 1 of 1

Collector R. A. Shepard	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W08-004	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA APRIL 2008	HWF-N-506-10	Ice Chest No. BIG-10 Temp. 65 lbs
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7909 7677 0815
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0Y9		W	4/3/08	1032	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0Y9		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			APR 03 2008 1450	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			4-4-08 10:45	Angela Branson		ABranson	4-4-08 10:45
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

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TestAmerica St. Louis

SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-75

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HNF-N-506-13	Ice Chest No.: SML-600 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7984 1177 4730
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0L7		W	4-3-08	0839	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0L7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			4-3-08 1030	K.B. HULSE			4-3-08 1030
K.B. HULSE			4-3-08 1430	FED EX			
FED EX			4-4-08 10:45	Angela Bean ABrunson			4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	799301460451	**Reference**	SML-125
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 4, 2008 10:39 AM	**Service type**	Priority Overnight
		Weight	73.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 4, 2008	10:39 AM	**Delivered**	Earth City, MO
	8:10 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	8:03 AM	At local FedEx facility	EARTH CITY, MO
	7:27 AM	At dest sort facility	BERKELEY, MO
	4:34 AM	Departed FedEx location	MEMPHIS, TN
	1:33 AM	Arrived at FedEx location	MEMPHIS, TN
Apr 3, 2008	5:19 PM	Left origin	PASCO, WA
	4:15 PM	Picked up	PASCO, WA
	1:23 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	798411774730	**Reference**	SML-600
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 4, 2008 10:39 AM	**Service type**	Priority Overnight
		Weight	87.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 4, 2008	10:39 AM	**Delivered**	Earth City, MO
	8:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	8:02 AM	At local FedEx facility	EARTH CITY, MO
	7:27 AM	At dest sort facility	BERKELEY, MO
	1:33 AM	Arrived at FedEx location	MEMPHIS, TN
Apr 3, 2008	5:19 PM	Left origin	PASCO, WA
	4:15 PM	Picked up	PASCO, WA
	1:21 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	790976770815	**Reference**	BIT-10
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 4, 2008 10:39 AM	**Service type**	Priority Overnight
		Weight	65.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 4, 2008	10:39 AM	**Delivered**	Earth City, MO
	8:07 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	8:01 AM	At local FedEx facility	EARTH CITY, MO
	7:27 AM	At dest sort facility	BERKELEY, MO
Apr 3, 2008	5:19 PM	Left origin	PASCO, WA
	4:15 PM	Picked up	PASCO, WA
	3:59 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2537 - Lot #(s): F8D040316 (050142)

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: see Below Date: 4-4-08
Quote No: 18747 Initiated By: AB Time: 10:45

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7909 7677 0815	6.	1. 2	6.
2. 7984 1177 4730	7.	2. 3	7.
3. 7993 0196 0451	8.	3. 2	8.
4.	9.	4.	9.
5.	10.	5.	10.

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: COC
W08004 - 107
- 5
- 6
- 41
- 17
- 63
- 64
- 13
- 2
- 9
- 75

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 04-12-08 - 2537 -

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

SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-003-217

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, MARCH 2008	Logbook: HNF-N-506-15	Ice Chest No.: SMC-125 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7993 0146 0451
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
Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1TT71		W	4/2/08	0938	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1TT71		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wells 4/2/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			4/3/08-0930		K. B. HULSE		4/3/08-0930
K. B. HULSE			4/3/08 1430	FEDEX			
FEDEX			04-04-08 10:45		A. B. Brunson		4-4-08 10:45

Matrix *

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

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

TestAmerica St. Louis

31

105

Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	799301460451	**Reference**	SML-125
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 3, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 4, 2008 10:39 AM	**Service type**	Priority Overnight
		Weight	73.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 4, 2008	10:39 AM	**Delivered**	Earth City, MO
	8:10 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	8:03 AM	At local FedEx facility	EARTH CITY, MO
	7:27 AM	At dest sort facility	BERKELEY, MO
	4:34 AM	Departed FedEx location	MEMPHIS, TN
	1:33 AM	Arrived at FedEx location	MEMPHIS, TN
Apr 3, 2008	5:19 PM	Left origin	PASCO, WA
	4:15 PM	Picked up	PASCO, WA
	1:23 PM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2537 - Lot #(s): FBD040316, 050142

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: 508-003-217 Date: 4-4-08
Quote No: 18747 Initiated By: AB Time: 10:45

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7909 7677 0815
2. 7994 1177 4730
3. 7993 0196 0451
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
2. 3
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:

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 04-12-08 2537

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# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-60

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, APRIL 2008	HWF-N-506-15	Ice Chest No.: ERC-01-037 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7918 8139 5692
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ✓ No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0K9		W	4-8-08	0800	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0K9		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			4/9/08 1430	FEDEX			
RDEx			04-10-08 09:00				04-10-08 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# SL733

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-47

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA APRIL 2008	HWF-IN-506-15	Ice Chest No. ERC-01-037 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7918 8139 5692
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0K7		W	4-8-08	1131	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0K7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			4/9/08 1430	FEDEX			
FEDEX			04-10-08 09:00				04-10-08 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

35 105

SDG# SL733

FLUOR HANFORD

SL733

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-59

Page 1 of 1

Collector: R. A. Shepard	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA APRIL 2008	HWF-N-506-15	Ice Chest No.: ERC-01-037 Temp.: 63 lbs
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7918 8139 5692
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0K8		W	4-8-08	1025	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1V0K8		W	↓		1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. A. Shepard			4/9/08 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			04-10-08 09:00				04.10.08 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

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Tracking number	791881395692	**Reference**	ERC-01-037
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Apr 9, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Apr 10, 2008 9:02 AM	**Service type**	Priority Overnight
		Weight	63.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location
Apr 10, 2008	9:02 AM	**Delivered**	Earth City, MO
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO
	7:11 AM	At local FedEx facility	EARTH CITY, MO
	6:25 AM	At dest sort facility	BERKELEY, MO
	4:15 AM	Departed FedEx location	MEMPHIS, TN
	1:12 AM	Arrived at FedEx location	MEMPHIS, TN
Apr 9, 2008	5:26 PM	Left origin	PASCO, WA
	4:13 PM	Picked up	PASCO, WA
	11:43 AM	Package data transmitted to FedEx	

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

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2681 - Lot #(s): F8D100325

Condition Upon Receipt Form

Client: Hanford
Quote No: 79091
COC/RFA No: W08-004-47,59,60
Initiated By: SJ
Date: 04.10.08
Time: 0900

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 7918 8139 5892
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 04-14-08

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

GC/MS VOLATILES

Fluor Hanford Inc

Client Sample ID: B1TT71

GC/MS Volatiles

Lot-Sample #...: F8D040318-001 **Work Order #...:** KKQ8L1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/11/08 **Analysis Date..:** 04/11/08
Prep Batch #...: 8105524
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**0.90 J**	**1.0**	**ug/L**	**0.091**
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	96	(70 - 124)
1,2-Dichloroethane-d4	98	(63 - 133)
4-Bromofluorobenzene	94	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TT71

GC/MS Volatiles

Lot-Sample #: F8D040318-001 **Work Order #:** KKQ8L1AC **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: B1V0R5

GC/MS Volatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AD **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/11/08 **Analysis Date..:** 04/11/08
Prep Batch #...: 8105524
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetonitrile	ND	10	ug/L	4.2
Acrolein	ND	10	ug/L	0.52
Bromodichloromethane	ND	1.0	ug/L	0.088
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	2.0	ug/L	0.50
Chlorobenzene	ND	1.0	ug/L	0.48
Chloroprene	ND	1.0	ug/L	0.085
Dibromochloromethane	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.48
Chloroethane	ND	2.0	ug/L	0.085
Chloromethane	ND	2.0	ug/L	0.036
Allyl chloride	ND	2.0	ug/L	0.20
1,2-Dibromoethane	ND	1.0	ug/L	0.15
Dibromomethane	ND	1.0	ug/L	0.14
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.75
Dichlorodifluoromethane	ND	2.0	ug/L	0.074
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,2-Dichloroethene (total)	ND	2.0	ug/L	0.14
1,2-Dichloropropane	ND	1.0	ug/L	0.077
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.099
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.080
1,4-Dioxane	ND	20	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Ethyl methacrylate	ND	1.0	ug/L	0.39
Trichlorofluoromethane	ND	1.0	ug/L	0.10
2-Hexanone	ND	5.0	ug/L	0.080
Iodomethane	ND	2.0	ug/L	0.33
Isobutanol	ND	80	ug/L	6.1
Methacrylonitrile	ND	5.0	ug/L	1.8
Methyl methacrylate	ND	1.0	ug/L	0.62
Styrene	ND	1.0	ug/L	0.079
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.27
1,2,3-Trichloropropane	ND	1.0	ug/L	0.22
Vinyl acetate	ND	2.0	ug/L	0.22
Vinyl chloride	ND	2.0	ug/L	0.13

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V0R5

GC/MS Volatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	ND	1.0	ug/L	0.091
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(70 - 119)
Dibromofluoromethane	94	(70 - 124)
1,2-Dichloroethane-d4	97	(63 - 133)
4-Bromofluorobenzene	97	(66 - 115)

Fluor Hanford Inc

B1V0R5

GC/MS Volatiles

Lot-Sample #: F8D050142-001 **Work Order #:** KKRTD1AD **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 #...: SL733 **Work Order #...:** KK9WQ1AA **Matrix.....:** WATER
MB Lot-Sample #: F8D140000-524

Prep Date.....: 04/11/08
Analysis Date..: 04/11/08 **Prep Batch #...:** 8105524
Dilution Factor: 1

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL733 **Work Order #...:** KK9WQ1AA **Matrix.....:** WATER

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	95	(70 - 124)
1,2-Dichloroethane-d4	97	(63 - 133)
4-Bromofluorobenzene	95	(66 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8D140000-524 B **Work Order #:** KK9WQ1AA **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 #...: SL733 Work Order #...: KK9WQ1AC Matrix.....: WATER
LCS Lot-Sample#: F8D140000-524
Prep Date.....: 04/11/08 Analysis Date..: 04/11/08
Prep Batch #...: 8105524
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Allyl chloride	10.0	9.21	ug/L	92	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.6	ug/L	106	SW846 8260B
1,2-Dibromoethane	10.0	10.1	ug/L	101	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	10.8	ug/L	108	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	7.54	ug/L	75	SW846 8260B
Ethyl methacrylate	10.0	10.3	ug/L	103	SW846 8260B
Methyl methacrylate	10.0	9.10	ug/L	91	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	9.62	ug/L	96	SW846 8260B
Trichlorofluoromethane	10.0	8.24	ug/L	82	SW846 8260B
Acetonitrile	50.0	47.6	ug/L	95	SW846 8260B
Iodomethane	10.0	8.85	ug/L	88	SW846 8260B
Vinyl acetate	10.0	11.1	ug/L	111	SW846 8260B
Acrolein	50.0	47.4	ug/L	95	SW846 8260B
Isobutanol	200	204	ug/L	102	SW846 8260B
Methacrylonitrile	50.0	50.0	ug/L	100	SW846 8260B
1,4-Dioxane	200	219	ug/L	109	SW846 8260B
Chloroprene	10.0	9.84	ug/L	98	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.97	ug/L	100	SW846 8260B
Dibromochloromethane	10.0	9.87	ug/L	99	SW846 8260B
Chloromethane	10.0	7.03	ug/L	70	SW846 8260B
Bromomethane	10.0	8.02	ug/L	80	SW846 8260B
Chloroethane	10.0	7.69	ug/L	77	SW846 8260B
1,1-Dichloroethene	10.0	9.93	ug/L	99	SW846 8260B
1,2-Dichloroethene (total)	20.0	19.8	ug/L	99	SW846 8260B
1,2-Dichloropropane	10.0	9.69	ug/L	97	SW846 8260B
Bromodichloromethane	10.0	10.0	ug/L	100	SW846 8260B
trans-1,3-Dichloropropene	10.0	9.79	ug/L	98	SW846 8260B
2-Hexanone	10.0	9.28	ug/L	93	SW846 8260B
Chlorobenzene	10.0	9.61	ug/L	96	SW846 8260B
Bromoform	10.0	10.4	ug/L	104	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL733 Work Order #...: KK9WQ1AC Matrix.....: WATER
LCS Lot-Sample#: F8D140000-524

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Ethylbenzene	10.0	9.72	ug/L	97	SW846 8260B
Styrene	10.0	9.88	ug/L	99	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.97	ug/L	100	SW846 8260B
Vinyl chloride	10.0	8.74	ug/L	87	SW846 8260B
Acetone	10.0	9.93	ug/L	99	SW846 8260B
Methylene chloride	10.0	10.7	ug/L	107	SW846 8260B
Carbon disulfide	10.0	9.60	ug/L	96	SW846 8260B
1,1-Dichloroethane	10.0	9.74	ug/L	97	SW846 8260B
2-Butanone	10.0	8.92	ug/L	89	SW846 8260B
Chloroform	10.0	9.62	ug/L	96	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.83	ug/L	98	SW846 8260B
Propionitrile	50.0	49.7	ug/L	99	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.0	ug/L	100	SW846 8260B
1,1,1-Trichloroethane	10.0	9.76	ug/L	98	SW846 8260B
Carbon tetrachloride	10.0	9.92	ug/L	99	SW846 8260B
1,2-Dichloroethane	10.0	9.66	ug/L	97	SW846 8260B
Benzene	10.0	9.87	ug/L	99	SW846 8260B
Trichloroethene	10.0	9.80	ug/L	98	SW846 8260B
4-Methyl-2-pentanone	10.0	9.52	ug/L	95	SW846 8260B
1,1,2-Trichloroethane	10.0	9.72	ug/L	97	SW846 8260B
Tetrachloroethene	10.0	9.64	ug/L	96	SW846 8260B
Tetrahydrofuran	50.0	49.0	ug/L	98	SW846 8260B
1,4-Dichlorobenzene	10.0	9.94	ug/L	99	SW846 8260B
1-Butanol	100	94.9	ug/L	95	SW846 8260B
Toluene	10.0	9.64	ug/L	96	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(84 - 115)
Dibromofluoromethane	96	(81 - 115)
1,2-Dichloroethane-d4	93	(71 - 127)
4-Bromofluorobenzene	94	(74 - 117)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8D040318 Work Order #...: KKQ8L1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8D040318-001 KKQ8L1AE-MSD
Date Sampled...: 04/02/08 Date Received..: 04/04/08
Prep Date.....: 04/11/08 Analysis Date..: 04/11/08
Prep Batch #...: 8105524
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.86	ug/L	99		SW846 8260B
	ND	10.0	9.56	ug/L	96	3.1	SW846 8260B
Ethylbenzene	ND	10.0	9.31	ug/L	93		SW846 8260B
	ND	10.0	9.16	ug/L	92	1.6	SW846 8260B
1,4-Dioxane	ND	200	173	ug/L	86		SW846 8260B
	ND	200	189	ug/L	95	9.0	SW846 8260B
Vinyl chloride	ND	10.0	9.19	ug/L	92		SW846 8260B
	ND	10.0	9.19	ug/L	92	0.06	SW846 8260B
Acetone	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	7.68	ug/L	77	19	SW846 8260B
Methylene chloride	0.90	10.0	11.2	ug/L	103		SW846 8260B
	0.90	10.0	11.0	ug/L	101	1.5	SW846 8260B
Carbon disulfide	ND	10.0	8.95	ug/L	89		SW846 8260B
	ND	10.0	9.08	ug/L	91	1.5	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.36	ug/L	94		SW846 8260B
	ND	10.0	9.32	ug/L	93	0.43	SW846 8260B
2-Butanone	ND	10.0	8.14	ug/L	81		SW846 8260B
	ND	10.0	8.22	ug/L	82	0.94	SW846 8260B
Chloroform	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.20	ug/L	92	2.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.47	ug/L	95		SW846 8260B
	ND	10.0	9.46	ug/L	95	0.15	SW846 8260B
Propionitrile	ND	50.0	47.1	ug/L	94		SW846 8260B
	ND	50.0	45.8	ug/L	92	2.8	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.86	ug/L	99		SW846 8260B
	ND	10.0	9.71	ug/L	97	1.5	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.33	ug/L	93		SW846 8260B
	ND	10.0	9.26	ug/L	93	0.76	SW846 8260B
Carbon tetrachloride	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.60	ug/L	96	1.0	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.35	ug/L	94		SW846 8260B
	ND	10.0	9.20	ug/L	92	1.6	SW846 8260B
Benzene	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.47	ug/L	95	0.43	SW846 8260B
Trichloroethene	ND	10.0	9.33	ug/L	93		SW846 8260B
	ND	10.0	9.32	ug/L	93	0.12	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.70	ug/L	87		SW846 8260B
	ND	10.0	8.68	ug/L	87	0.23	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.97	ug/L	90		SW846 8260B
	ND	10.0	9.20	ug/L	92	2.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8D040318 **Work Order #...:** KKQ8L1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D040318-001 KKQ8L1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.10**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**8.93**	**ug/L**	**89**	**2.0**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**47.6**	**ug/L**	**95**		**SW846 8260B**
	ND	**50.0**	**46.2**	**ug/L**	**92**	**2.9**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.99**	**ug/L**	**90**		**SW846 8260B**
	ND	**10.0**	**9.32**	**ug/L**	**93**	**3.6**	**SW846 8260B**
1-Butanol	**ND**	**100**	**80.4**	**ug/L**	**80**		**SW846 8260B**
	ND	**100**	**71.6**	**ug/L**	**72**	**11**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.12**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**9.16**	**ug/L**	**92**	**0.47**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(70 - 119)
	91	(70 - 119)
Dibromofluoromethane	96	(70 - 124)
	94	(70 - 124)
1,2-Dichloroethane-d4	93	(63 - 133)
	91	(63 - 133)
4-Bromofluorobenzene	93	(66 - 115)
	94	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL733 Work Order #...: KKRTD1AH-MS Matrix.....: WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AJ-MSD
Date Sampled...: 04/02/08 Date Received..: 04/04/08
Prep Date.....: 04/11/08 Analysis Date..: 04/11/08
Prep Batch #...: 8105524
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	9.58	ug/L	96		SW846 8260B
	ND	10.0	9.50	ug/L	95	0.81	SW846 8260B
Chloromethane	ND	10.0	7.56	ug/L	76		SW846 8260B
	ND	10.0	7.52	ug/L	75	0.49	SW846 8260B
Bromomethane	ND	10.0	9.19	ug/L	92		SW846 8260B
	ND	10.0	9.13	ug/L	91	0.62	SW846 8260B
Chloroethane	ND	10.0	9.02	ug/L	90		SW846 8260B
	ND	10.0	8.83	ug/L	88	2.2	SW846 8260B
1,1-Dichloroethene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.39	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	19.6	ug/L	98		SW846 8260B
	ND	20.0	19.2	ug/L	96	2.1	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	9.47	ug/L	95	1.5	SW846 8260B
Bromodichloromethane	ND	10.0	9.92	ug/L	99		SW846 8260B
	ND	10.0	9.82	ug/L	98	1.0	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.30	ug/L	93	0.23	SW846 8260B
2-Hexanone	ND	10.0	8.68	ug/L	87		SW846 8260B
	ND	10.0	8.88	ug/L	89	2.4	SW846 8260B
Chlorobenzene	ND	10.0	9.34	ug/L	93		SW846 8260B
	ND	10.0	9.26	ug/L	93	0.83	SW846 8260B
Bromoform	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.49	SW846 8260B
Ethylbenzene	ND	10.0	9.46	ug/L	95		SW846 8260B
	ND	10.0	9.47	ug/L	95	0.09	SW846 8260B
Styrene	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.48	ug/L	95	0.40	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	9.88	ug/L	99		SW846 8260B
	ND	10.0	9.88	ug/L	99	0.05	SW846 8260B
Dibromochloromethane	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.59	ug/L	96	0.97	SW846 8260B
Allyl chloride	ND	10.0	8.94	ug/L	89		SW846 8260B
	ND	10.0	8.92	ug/L	89	0.20	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.85	ug/L	99	2.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL733 **Work Order #...:** KKRTD1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	9.68	ug/L	97		SW846 8260B
	ND	10.0	9.75	ug/L	98	0.74	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	10.4	ug/L	104	4.5	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	8.36	ug/L	84		SW846 8260B
	ND	10.0	8.25	ug/L	82	1.4	SW846 8260B
Ethyl methacrylate	ND	10.0	9.68	ug/L	97		SW846 8260B
	ND	10.0	9.81	ug/L	98	1.3	SW846 8260B
Methyl methacrylate	ND	10.0	8.70	ug/L	87		SW846 8260B
	ND	10.0	8.94	ug/L	89	2.8	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.44	ug/L	94	0.73	SW846 8260B
Trichlorofluoromethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.2	ug/L	102	1.2	SW846 8260B
Acetonitrile	ND	50.0	42.5	ug/L	85		SW846 8260B
	ND	50.0	48.1	ug/L	96	13	SW846 8260B
Iodomethane	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.79	ug/L	98	2.1	SW846 8260B
Vinyl acetate	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.09	SW846 8260B
Acrolein	ND	50.0	40.0	ug/L	80		SW846 8260B
	ND	50.0	45.4	ug/L	91	13	SW846 8260B
Isobutanol	ND	200	179	ug/L	90		SW846 8260B
	ND	200	172	ug/L	86	4.2	SW846 8260B
Methacrylonitrile	ND	50.0	46.2	ug/L	92		SW846 8260B
	ND	50.0	47.0	ug/L	94	1.8	SW846 8260B
1,4-Dioxane	ND	200	170	ug/L	85		SW846 8260B
	ND	200	190	ug/L	95	11	SW846 8260B
Chloroprene	ND	10.0	9.57	ug/L	96		SW846 8260B
	ND	10.0	9.35	ug/L	94	2.3	SW846 8260B
Vinyl chloride	ND	10.0	9.44	ug/L	94		SW846 8260B
	ND	10.0	9.28	ug/L	93	1.8	SW846 8260B
Acetone	ND	10.0	8.72	ug/L	87		SW846 8260B
	ND	10.0	9.56	ug/L	96	9.2	SW846 8260B
Methylene chloride	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.83	ug/L	98	2.2	SW846 8260B
Carbon disulfide	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.06	ug/L	91	2.6	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL733 Work Order #...: KKRTD1AH-MS Matrix.....: WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	9.39	ug/L	94	1.6	SW846 8260B
2-Butanone	ND	10.0	8.53	ug/L	85		SW846 8260B
	ND	10.0	9.10	ug/L	91	6.5	SW846 8260B
Chloroform	ND	10.0	9.59	ug/L	96		SW846 8260B
	ND	10.0	9.48	ug/L	95	1.2	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	9.63	ug/L	96	1.1	SW846 8260B
Propionitrile	ND	50.0	45.8	ug/L	92		SW846 8260B
	ND	50.0	47.4	ug/L	95	3.4	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.57	ug/L	96	5.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.67	ug/L	97		SW846 8260B
	ND	10.0	9.45	ug/L	94	2.3	SW846 8260B
Carbon tetrachloride	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	9.72	ug/L	97	2.5	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.43	ug/L	94		SW846 8260B
	ND	10.0	9.28	ug/L	93	1.6	SW846 8260B
Benzene	ND	10.0	9.68	ug/L	97		SW846 8260B
	ND	10.0	9.62	ug/L	96	0.64	SW846 8260B
Trichloroethene	ND	10.0	9.49	ug/L	95		SW846 8260B
	ND	10.0	9.39	ug/L	94	1.0	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.87	ug/L	89		SW846 8260B
	ND	10.0	8.82	ug/L	88	0.52	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.31	ug/L	93		SW846 8260B
	ND	10.0	9.37	ug/L	94	0.66	SW846 8260B
Tetrachloroethene	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.23	ug/L	92	0.34	SW846 8260B
Tetrahydrofuran	ND	50.0	48.3	ug/L	97		SW846 8260B
	ND	50.0	48.2	ug/L	96	0.37	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	9.41	ug/L	94	1.4	SW846 8260B
1-Butanol	ND	100	81.6	ug/L	82		SW846 8260B
	ND	100	83.9	ug/L	84	2.8	SW846 8260B
Toluene	ND	10.0	9.46	ug/L	95		SW846 8260B
	ND	10.0	9.35	ug/L	93	1.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(70 - 119)
	91	(70 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL733 **Work Order #...:** KKRTD1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(70 - 124)
	95	(70 - 124)
1,2-Dichloroethane-d4	92	(63 - 133)
	93	(63 - 133)
4-Bromofluorobenzene	96	(66 - 115)
	94	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1V0R5

GC/MS Semivolatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/06/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8097018
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: B1V0R5

GC/MS Semivolatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AC **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-Trichloro-benzene	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-Tetrachloro-benzene	ND	10	ug/L	1.0
Hexachlorocyclopenta-diene	ND	50	ug/L	2.5
2,4,6-Trichloro-phenol	ND	10	ug/L	2.0
2,4,5-Trichloro-phenol	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: B1V0R5

GC/MS Semivolatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AC **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: B1V0R5

GC/MS Semivolatiles

Lot-Sample #...: F8D050142-001 **Work Order #...:** KKRTD1AC **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	29	(14 - 71)
Phenol-d5	18	(10 - 61)
Nitrobenzene-d5	61	(29 - 95)
2-Fluorobiphenyl	63	(28 - 93)
2,4,6-Tribromophenol	62	(28 - 108)
Terphenyl-d14	72	(30 - 107)

Fluor Hanford Inc

B1V0R5

GC/MS Semivolatiles

Lot-Sample #: F8D050142-001 **Work Order #:** KKRTD1AC **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 #...: SL733 **Work Order #...:** KKR891AA **Matrix.....:** WATER
MB Lot-Sample #: F8D060000-018

Prep Date.....: 04/06/08
Analysis Date..: 04/16/08 **Prep Batch #...:** 8097018
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachloropropene	ND	100	ug/L	SW846 8270C
N-Nitro-o-toluidine	ND	20	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
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	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	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
N-Nitrosomorpholine	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	20	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Nitrobenzene	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 #...: SL733 **Work Order #...:** KKR891AA **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
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-butylamine	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 #...: SL733 **Work Order #...:** KKR891AA **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 #...: SL733 **Work Order #...:** KKR891AA **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	31	(14 - 71)
Phenol-d5	22	(10 - 61)
Nitrobenzene-d5	61	(29 - 95)
2-Fluorobiphenyl	58	(28 - 93)
2,4,6-Tribromophenol	60	(28 - 108)
Terphenyl-d14	77	(30 - 107)

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 #: F8D060000-018 B **Work Order #:** KKR891AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 Work Order #...: KKR891AC Matrix.....: WATER
LCS Lot-Sample#: F8D060000-018
Prep Date.....: 04/06/08 Analysis Date..: 04/16/08
Prep Batch #...: 8097018
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	100	23.7	ug/L	24	SW846 8270C
bis(2-Chloroethyl)-ether	100	65.6	ug/L	66	SW846 8270C
2-Chlorophenol	100	62.3	ug/L	62	SW846 8270C
1,3-Dichlorobenzene	100	49.0	ug/L	49	SW846 8270C
1,4-Dichlorobenzene	100	50.0	ug/L	50	SW846 8270C
1,2-Dichlorobenzene	100	52.7	ug/L	53	SW846 8270C
2-Methylphenol	100	52.7	ug/L	53	SW846 8270C
2,2'-oxybis(1-Chloropropa	100	70.1	ug/L	70	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	76.9	ug/L	77	SW846 8270C
Hexachloroethane	100	46.2	ug/L	46	SW846 8270C
Nitrobenzene	100	71.6	ug/L	72	SW846 8270C
2-Methylnaphthalene	100	61.8	ug/L	62	SW846 8270C
Isophorone	100	80.2	ug/L	80	SW846 8270C
2-Nitrophenol	100	73.1	ug/L	73	SW846 8270C
2,4-Dimethylphenol	100	55.7	ug/L	56	SW846 8270C
bis(2-Chloroethoxy) methane	100	71.3	ug/L	71	SW846 8270C
2,4-Dichlorophenol	100	69.7	ug/L	70	SW846 8270C
1,2,4-Trichloro-benzene	100	57.6	ug/L	58	SW846 8270C
Naphthalene	100	61.9	ug/L	62	SW846 8270C
4-Chloroaniline	100	63.8	ug/L	64	SW846 8270C
Hexachlorobutadiene	100	52.4	ug/L	52	SW846 8270C
4-Chloro-3-methylphenol	100	67.5	ug/L	67	SW846 8270C
Hexachlorocyclopenta-diene	100	46.9	ug/L	47	SW846 8270C
2,4,6-Trichloro-phenol	100	74.5	ug/L	74	SW846 8270C
2,4,5-Trichloro-phenol	100	74.6	ug/L	75	SW846 8270C
2-Chloronaphthalene	100	68.4	ug/L	68	SW846 8270C
2-Nitroaniline	100	76.5	ug/L	76	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 Work Order #...: KKR891AC Matrix.....: WATER
LCS Lot-Sample#: F8D060000-018

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	74.3	ug/L	74	SW846 8270C
Acenaphthylene	100	72.5	ug/L	73	SW846 8270C
2,6-Dinitrotoluene	100	78.6	ug/L	79	SW846 8270C
3-Nitroaniline	100	72.0	ug/L	72	SW846 8270C
Acenaphthene	100	69.5	ug/L	70	SW846 8270C
2,4-Dinitrophenol	100	56.1	ug/L	56	SW846 8270C
4-Nitrophenol	100	25.6	ug/L	26	SW846 8270C
Dibenzofuran	100	70.4	ug/L	70	SW846 8270C
2,4-Dinitrotoluene	100	79.1	ug/L	79	SW846 8270C
Diethyl phthalate	100	76.1	ug/L	76	SW846 8270C
Fluorene	100	72.7	ug/L	73	SW846 8270C
4-Chlorophenyl phenyl ether	100	72.4	ug/L	72	SW846 8270C
4-Nitroaniline	100	77.4	ug/L	77	SW846 8270C
4,6-Dinitro-2-methylphenol	100	73.2	ug/L	73	SW846 8270C
N-Nitrosodiphenylamine	100	74.9	ug/L	75	SW846 8270C
4-Bromophenyl phenyl ether	100	73.1	ug/L	73	SW846 8270C
Hexachlorobenzene	100	76.0	ug/L	76	SW846 8270C
Pentachlorophenol	100	67.2	ug/L	67	SW846 8270C
Phenanthrene	100	73.6	ug/L	74	SW846 8270C
Anthracene	100	75.0	ug/L	75	SW846 8270C
Fluoranthene	100	78.0	ug/L	78	SW846 8270C
Pyrene	100	75.2	ug/L	75	SW846 8270C
Butyl benzyl phthalate	100	79.3	ug/L	79	SW846 8270C
Benzo(a)anthracene	100	74.6	ug/L	75	SW846 8270C
3,3'-Dichlorobenzidine	100	57.5	ug/L	58	SW846 8270C
Chrysene	100	89.2	ug/L	89	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	75.7	ug/L	76	SW846 8270C
Di-n-butyl phthalate	100	77.0	ug/L	77	SW846 8270C
Di-n-octyl phthalate	100	77.7	ug/L	78	SW846 8270C
Benzo(b)fluoranthene	100	75.9	ug/L	76	SW846 8270C
Benzo(k)fluoranthene	100	80.3	ug/L	80	SW846 8270C
Benzo(a)pyrene	100	74.6	ug/L	75	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	68.2	ug/L	68	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKR891AC **Matrix.....:** WATER
LCS Lot-Sample#: F8D060000-018

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzo(ghi)perylene	**100**	**85.2**	**ug/L**	**85**	**SW846 8270C**
Dibenz(a,h)anthracene	**100**	**81.7**	**ug/L**	**82**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(20 - 58)
Phenol-d5	26	(13 - 41)
Nitrobenzene-d5	72	(23 - 98)
2-Fluorobiphenyl	72	(30 - 94)
2,4,6-Tribromophenol	78	(27 - 109)
Terphenyl-d14	75	(40 - 115)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 Work Order #...: KKRTD1AF-MS Matrix.....: WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AG-MSD
Date Sampled...: 04/02/08 Date Received..: 04/04/08
Prep Date.....: 04/06/08 Analysis Date..: 04/17/08
Prep Batch #...: 8097018
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenol	ND	94.7	20.9	ug/L	22		SW846 8270C
	ND	94.8	20.3	ug/L	21	2.8	SW846 8270C
bis(2-Chloroethyl)-ether	ND	94.7	64.5	ug/L	68		SW846 8270C
	ND	94.8	62.9	ug/L	66	2.4	SW846 8270C
2-Chlorophenol	ND	94.7	59.1	ug/L	62		SW846 8270C
	ND	94.8	56.8	ug/L	60	4.0	SW846 8270C
1,3-Dichlorobenzene	ND	94.7	52.6	ug/L	56		SW846 8270C
	ND	94.8	52.6	ug/L	55	0.0	SW846 8270C
1,4-Dichlorobenzene	ND	94.7	54.5	ug/L	58		SW846 8270C
	ND	94.8	52.6	ug/L	55	3.7	SW846 8270C
1,2-Dichlorobenzene	ND	94.7	56.1	ug/L	59		SW846 8270C
	ND	94.8	55.7	ug/L	59	0.73	SW846 8270C
2-Methylphenol	ND	94.7	48.7	ug/L	51		SW846 8270C
	ND	94.8	47.5	ug/L	50	2.7	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	94.7	73.1	ug/L	77		SW846 8270C
	ND	94.8	73.2	ug/L	77	0.09	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	94.7	77.8	ug/L	82		SW846 8270C
	ND	94.8	76.3	ug/L	80	2.0	SW846 8270C
Hexachloroethane	ND	94.7	51.4	ug/L	54		SW846 8270C
	ND	94.8	50.7	ug/L	53	1.5	SW846 8270C
Nitrobenzene	ND	94.7	70.7	ug/L	75		SW846 8270C
	ND	94.8	71.9	ug/L	76	1.7	SW846 8270C
2-Methylnaphthalene	ND	94.7	61.2	ug/L	65		SW846 8270C
	ND	94.8	61.3	ug/L	65	0.24	SW846 8270C
Isophorone	ND	94.7	79.4	ug/L	84		SW846 8270C
	ND	94.8	80.8	ug/L	85	1.7	SW846 8270C
2-Nitrophenol	ND	94.7	68.8	ug/L	73		SW846 8270C
	ND	94.8	69.4	ug/L	73	0.84	SW846 8270C
2,4-Dimethylphenol	ND	94.7	48.9	ug/L	52		SW846 8270C
	ND	94.8	49.0	ug/L	52	0.22	SW846 8270C
bis(2-Chloroethoxy) methane	ND	94.7	70.0	ug/L	74		SW846 8270C
	ND	94.8	70.3	ug/L	74	0.47	SW846 8270C
2,4-Dichlorophenol	ND	94.7	63.3	ug/L	67		SW846 8270C
	ND	94.8	63.3	ug/L	67	0.03	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKRTD1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	94.7	57.7	ug/L	61		SW846 8270C
	ND	94.8	58.0	ug/L	61	0.44	SW846 8270C
Naphthalene	ND	94.7	61.4	ug/L	65		SW846 8270C
	ND	94.8	62.5	ug/L	66	1.9	SW846 8270C
4-Chloroaniline	ND	94.7	58.5	ug/L	62		SW846 8270C
	ND	94.8	57.2	ug/L	60	2.3	SW846 8270C
Hexachlorobutadiene	ND	94.7	52.3	ug/L	55		SW846 8270C
	ND	94.8	53.0	ug/L	56	1.4	SW846 8270C
4-Chloro-3-methylphenol	ND	94.7	64.3	ug/L	68		SW846 8270C
	ND	94.8	64.1	ug/L	68	0.26	SW846 8270C
Hexachlorocyclopenta-diene	ND	94.7	44.3	ug/L	47		SW846 8270C
	ND	94.8	47.8	ug/L	50	7.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	94.7	68.6	ug/L	72		SW846 8270C
	ND	94.8	68.4	ug/L	72	0.43	SW846 8270C
2,4,5-Trichloro-phenol	ND	94.7	70.8	ug/L	75		SW846 8270C
	ND	94.8	70.5	ug/L	74	0.45	SW846 8270C
2-Chloronaphthalene	ND	94.7	67.3	ug/L	71		SW846 8270C
	ND	94.8	66.5	ug/L	70	1.1	SW846 8270C
2-Nitroaniline	ND	94.7	79.7	ug/L	84		SW846 8270C
	ND	94.8	81.3	ug/L	86	2.0	SW846 8270C
Dimethyl phthalate	ND	94.7	73.1	ug/L	77		SW846 8270C
	ND	94.8	73.7	ug/L	78	0.77	SW846 8270C
Acenaphthylene	ND	94.7	71.6	ug/L	76		SW846 8270C
	ND	94.8	71.1	ug/L	75	0.74	SW846 8270C
2,6-Dinitrotoluene	ND	94.7	76.0	ug/L	80		SW846 8270C
	ND	94.8	77.6	ug/L	82	2.0	SW846 8270C
3-Nitroaniline	ND	94.7	69.1	ug/L	73		SW846 8270C
	ND	94.8	67.8	ug/L	71	2.0	SW846 8270C
Acenaphthene	ND	94.7	67.0	ug/L	71		SW846 8270C
	ND	94.8	67.3	ug/L	71	0.34	SW846 8270C
2,4-Dinitrophenol	ND	94.7	60.6	ug/L	64		SW846 8270C
	ND	94.8	60.8	ug/L	64	0.19	SW846 8270C
4-Nitrophenol	ND	94.7	22.5	ug/L	24		SW846 8270C
	ND	94.8	23.5	ug/L	25	4.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKRTD1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dibenzofuran	ND	94.7	68.8	ug/L	73		SW846 8270C
	ND	94.8	68.8	ug/L	73	0.0	SW846 8270C
2,4-Dinitrotoluene	ND	94.7	77.4	ug/L	82		SW846 8270C
	ND	94.8	77.8	ug/L	82	0.52	SW846 8270C
Diethyl phthalate	ND	94.7	75.8	ug/L	80		SW846 8270C
	ND	94.8	75.6	ug/L	80	0.30	SW846 8270C
Fluorene	ND	94.7	70.4	ug/L	74		SW846 8270C
	ND	94.8	70.5	ug/L	74	0.15	SW846 8270C
4-Chlorophenyl phenyl ether	ND	94.7	70.3	ug/L	74		SW846 8270C
	ND	94.8	70.1	ug/L	74	0.28	SW846 8270C
4-Nitroaniline	ND	94.7	77.3	ug/L	82		SW846 8270C
	ND	94.8	77.7	ug/L	82	0.55	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	94.7	76.4	ug/L	81		SW846 8270C
	ND	94.8	73.4	ug/L	77	4.0	SW846 8270C
N-Nitrosodiphenylamine	ND	94.7	74.0	ug/L	78		SW846 8270C
	ND	94.8	72.7	ug/L	77	1.8	SW846 8270C
4-Bromophenyl phenyl ether	ND	94.7	69.6	ug/L	74		SW846 8270C
	ND	94.8	68.4	ug/L	72	1.8	SW846 8270C
Hexachlorobenzene	ND	94.7	73.2	ug/L	77		SW846 8270C
	ND	94.8	71.0	ug/L	75	3.0	SW846 8270C
Pentachlorophenol	ND	94.7	67.1	ug/L	71		SW846 8270C
	ND	94.8	66.1	ug/L	70	1.5	SW846 8270C
Phenanthrene	ND	94.7	73.5	ug/L	78		SW846 8270C
	ND	94.8	71.8	ug/L	76	2.4	SW846 8270C
Anthracene	ND	94.7	73.3	ug/L	77		SW846 8270C
	ND	94.8	71.8	ug/L	76	2.1	SW846 8270C
Fluoranthene	ND	94.7	76.0	ug/L	80		SW846 8270C
	ND	94.8	74.0	ug/L	78	2.6	SW846 8270C
Pyrene	ND	94.7	74.7	ug/L	79		SW846 8270C
	ND	94.8	73.8	ug/L	78	1.2	SW846 8270C
Butyl benzyl phthalate	ND	94.7	80.1	ug/L	85		SW846 8270C
	ND	94.8	81.9	ug/L	86	2.2	SW846 8270C
Benzo(a)anthracene	ND	94.7	72.9	ug/L	77		SW846 8270C
	ND	94.8	72.4	ug/L	76	0.67	SW846 8270C
3,3'-Dichlorobenzidine	ND	94.7	58.2	ug/L	61		SW846 8270C
	ND	94.8	57.3	ug/L	60	1.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKRTD1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-001 KKRTD1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Chrysene	**ND**	**94.7**	**86.8**	**ug/L**	**92**		**SW846 8270C**
	ND	**94.8**	**85.6**	**ug/L**	**90**	**1.4**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**ND**	**94.7**	**76.1**	**ug/L**	**80**		**SW846 8270C**
	ND	**94.8**	**76.4**	**ug/L**	**81**	**0.51**	**SW846 8270C**
Di-n-butyl phthalate	**ND**	**94.7**	**77.7**	**ug/L**	**82**		**SW846 8270C**
	ND	**94.8**	**76.0**	**ug/L**	**80**	**2.2**	**SW846 8270C**
Di-n-octyl phthalate	**ND**	**94.7**	**79.0**	**ug/L**	**83**		**SW846 8270C**
	ND	**94.8**	**77.7**	**ug/L**	**82**	**1.7**	**SW846 8270C**
Benzo(b)fluoranthene	**ND**	**94.7**	**79.8**	**ug/L**	**84**		**SW846 8270C**
	ND	**94.8**	**75.0**	**ug/L**	**79**	**6.2**	**SW846 8270C**
Benzo(k)fluoranthene	**ND**	**94.7**	**73.2**	**ug/L**	**77**		**SW846 8270C**
	ND	**94.8**	**74.6**	**ug/L**	**79**	**2.0**	**SW846 8270C**
Benzo(a)pyrene	**ND**	**94.7**	**71.9**	**ug/L**	**76**		**SW846 8270C**
	ND	**94.8**	**70.9**	**ug/L**	**75**	**1.3**	**SW846 8270C**
Indeno(1,2,3-cd)pyrene	**ND**	**94.7**	**74.7**	**ug/L**	**79**		**SW846 8270C**
	ND	**94.8**	**74.7**	**ug/L**	**79**	**0.01**	**SW846 8270C**
Benzo(ghi)perylene	**ND**	**94.7**	**80.7**	**ug/L**	**85**		**SW846 8270C**
	ND	**94.8**	**79.7**	**ug/L**	**84**	**1.3**	**SW846 8270C**
Dibenz(a,h)anthracene	**ND**	**94.7**	**78.4**	**ug/L**	**83**		**SW846 8270C**
	ND	**94.8**	**77.6**	**ug/L**	**82**	**1.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	35	(14 - 71)
	35	(14 - 71)
Phenol-d5	24	(10 - 61)
	23	(10 - 61)
Nitrobenzene-d5	75	(29 - 95)
	77	(29 - 95)
2-Fluorobiphenyl	75	(28 - 93)
	74	(28 - 93)
2,4,6-Tribromophenol	73	(28 - 108)
	74	(28 - 108)
Terphenyl-d14	75	(30 - 107)
	73	(30 - 107)

NOTE(S):

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

Bold print denotes control parameters

PHENOL BY GC

Fluor Hanford Inc

Client Sample ID: B1V0Y5

GC Semivolatiles

Lot-Sample #...: F8D050142-002 **Work Order #...:** KKRTE1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	82	(44 - 110)
2-Fluorophenol	69	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0Y6

GC Semivolatiles

Lot-Sample #...: F8D050142-003 **Work Order #...:** KKRTF1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(44 - 110)
2-Fluorophenol	70	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V107

GC Semivolatiles

Lot-Sample #...: F8D050142-004 **Work Order #...:** KKRTG1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	73	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V103

GC Semivolatiles

Lot-Sample #...: F8D050142-005 **Work Order #...:** KKRTH1AC **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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: B1V0L1

GC Semivolatiles

Lot-Sample #...: F8D050142-006 **Work Order #...:** KKRTJ1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	100	(44 - 110)
2-Fluorophenol	83	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0L2

GC Semivolatiles

Lot-Sample #...: F8D050142-007 **Work Order #...:** KKRTK1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	92	(44 - 110)
2-Fluorophenol	82	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V101

GC Semivolatiles

Lot-Sample #...: F8D050142-008 **Work Order #...:** KKRTL1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
Dilution Factor: 1 **Method.....:** SW846 8040A

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

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

Fluor Hanford Inc

Client Sample ID: B1V0Y4

GC Semivolatiles

Lot-Sample #...: F8D050142-009 **Work Order #...:** KKRTN1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	71	(44 - 110)
2-Fluorophenol	68	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0Y9

GC Semivolatiles

Lot-Sample #...: F8D050142-010 **Work Order #...:** KKRTP1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	76	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0L7

GC Semivolatiles

Lot-Sample #...: F8D050142-011 **Work Order #...:** KKRTQ1AC **Matrix.....:** WATER
Date Sampled...: 04/03/08 **Date Received..:** 04/04/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	94	(44 - 110)
2-Fluorophenol	82	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0K1

GC Semivolatiles

Lot-Sample #...: F8D080199-001 **Work Order #...:** KKWDE1AC **Matrix.....:** WATER
Date Sampled...: 04/07/08 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	90	(44 - 110)
2-Fluorophenol	76	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0L8

GC Semivolatiles

Lot-Sample #...: F8D080199-002 **Work Order #...:** KKWDM1AC **Matrix.....:** WATER
Date Sampled...: 04/07/08 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	94	(44 - 110)
2-Fluorophenol	84	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0L9

GC Semivolatiles

Lot-Sample #...: F8D080199-003 **Work Order #...:** KKWDN1AC **Matrix.....:** WATER
Date Sampled...: 04/07/08 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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	94	(44 - 110)
2-Fluorophenol	86	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0K2

GC Semivolatiles

Lot-Sample #...: F8D080199-004 **Work Order #...:** KKWDR1AC **Matrix.....:** WATER
Date Sampled...: 04/07/08 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099287
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: B1V0K9

GC Semivolatiles

Lot-Sample #...: F8D100325-001 **Work Order #...:** KK3921AC **Matrix.....:** WATER
Date Sampled...: 04/08/08 **Date Received..:** 04/10/08
Prep Date.....: 04/14/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8105185
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	90	(44 - 110)
2-Fluorophenol	79	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0K7

GC Semivolatiles

Lot-Sample #...: F8D100325-002 **Work Order #...:** KK3951AC **Matrix.....:** WATER
Date Sampled...: 04/08/08 **Date Received..:** 04/10/08
Prep Date.....: 04/14/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8105185
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	90	(44 - 110)
2-Fluorophenol	82	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1V0K8

GC Semivolatiles

Lot-Sample #...: F8D100325-003 **Work Order #...:** KK4AV1AC **Matrix.....:** WATER
Date Sampled...: 04/08/08 **Date Received..:** 04/10/08
Prep Date.....: 04/14/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8105185
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	95	(44 - 110)
2-Fluorophenol	84	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKWMT1AA **Matrix.....:** WATER
MB Lot-Sample #: F8D080000-287

Prep Date.....: 04/08/08
Analysis Date..: 04/10/08 **Prep Batch #...:** 8099287
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(44 - 110)
2-Fluorophenol	75	(37 - 96)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KK84A1AA **Matrix.....:** WATER
MB Lot-Sample #: F8D140000-185

Prep Date.....: 04/14/08
Analysis Date..: 04/16/08 **Prep Batch #...:** 8105185
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(44 - 110)
2-Fluorophenol	60	(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 #...: SL733 Work Order #...: KKWMT1AC Matrix.....: WATER
LCS Lot-Sample#: F8D080000-287
Prep Date.....: 04/08/08 Analysis Date..: 04/10/08
Prep Batch #...: 8099287
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	74.1	ug/L	74	SW846 8040A
4-Chloro-3-methylphenol	100	77.9	ug/L	78	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	73.3	ug/L	73	SW846 8040A
2-Methylphenol	100	73.3	ug/L	73	SW846 8040A
2,4-Dichlorophenol	100	74.1	ug/L	74	SW846 8040A
2,6-Dichlorophenol	100	74.3	ug/L	74	SW846 8040A
2,4-Dimethylphenol	100	73.5	ug/L	74	SW846 8040A
2,4-Dinitrophenol	100	82.5	ug/L	83	SW846 8040A
4,6-Dinitro-2-methylphenol	100	80.1	ug/L	80	SW846 8040A
Dinoseb	100	86.3	ug/L	86	SW846 8040A
2-Nitrophenol	100	73.9	ug/L	74	SW846 8040A
4-Nitrophenol	100	80.8	ug/L	81	SW846 8040A
Pentachlorophenol	100	83.6	ug/L	84	SW846 8040A
Phenol	100	67.6	ug/L	68	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	78.7	ug/L	79	SW846 8040A
2,4,5-Trichlorophenol	100	76.3	ug/L	76	SW846 8040A
2,4,6-Trichlorophenol	100	77.0	ug/L	77	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	92	(50 - 107)
2-Fluorophenol	70	(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 #...: SL733 Work Order #...: KK84A1AC Matrix.....: WATER
LCS Lot-Sample#: F8D140000-185
Prep Date.....: 04/14/08 Analysis Date..: 04/16/08
Prep Batch #...: 8105185
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	100	86.8	ug/L	87	SW846 8040A
4-Chloro-3-methylphenol	100	90.4	ug/L	90	SW846 8040A
3-Methylphenol & 4-Methylphenol	100	86.9	ug/L	87	SW846 8040A
2-Methylphenol	100	85.4	ug/L	85	SW846 8040A
2,4-Dichlorophenol	100	87.6	ug/L	88	SW846 8040A
2,6-Dichlorophenol	100	88.8	ug/L	89	SW846 8040A
2,4-Dimethylphenol	100	86.7	ug/L	87	SW846 8040A
2,4-Dinitrophenol	100	91.4	ug/L	91	SW846 8040A
4,6-Dinitro-2-methylphenol	100	86.6	ug/L	87	SW846 8040A
Dinoseb	100	92.7	ug/L	93	SW846 8040A
2-Nitrophenol	100	94.3	ug/L	94	SW846 8040A
4-Nitrophenol	100	87.4	ug/L	87	SW846 8040A
Pentachlorophenol	100	89.3	ug/L	89	SW846 8040A
Phenol	100	80.7	ug/L	81	SW846 8040A
2,3,4,6-Tetrachlorophenol	100	86.2	ug/L	86	SW846 8040A
2,4,5-Trichlorophenol	100	89.4	ug/L	89	SW846 8040A
2,4,6-Trichlorophenol	100	90.2	ug/L	90	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(50 - 107)
2-Fluorophenol	81	(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 #...: SL733 Work Order #...: KKRTE1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8D050142-002 KKRTE1AE-MSD
Date Sampled...: 04/02/08 Date Received..: 04/04/08
Prep Date.....: 04/08/08 Analysis Date..: 04/10/08
Prep Batch #...: 8099287
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.1	79.4	ug/L	83		SW846 8040A
	ND	95.3	80.5	ug/L	84	1.4	SW846 8040A
4-Chloro-3-methylphenol	ND	95.1	82.2	ug/L	86		SW846 8040A
	ND	95.3	85.9	ug/L	90	4.4	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.1	78.8	ug/L	83		SW846 8040A
	ND	95.3	79.7	ug/L	84	1.2	SW846 8040A
2-Methylphenol	ND	95.1	78.2	ug/L	82		SW846 8040A
	ND	95.3	78.6	ug/L	82	0.47	SW846 8040A
2,4-Dichlorophenol	ND	95.1	78.4	ug/L	82		SW846 8040A
	ND	95.3	81.6	ug/L	86	3.9	SW846 8040A
2,6-Dichlorophenol	ND	95.1	82.1	ug/L	86		SW846 8040A
	ND	95.3	85.3	ug/L	90	3.8	SW846 8040A
2,4-Dimethylphenol	ND	95.1	76.1	ug/L	80		SW846 8040A
	ND	95.3	78.2	ug/L	82	2.8	SW846 8040A
2,4-Dinitrophenol	ND	95.1	84.9	ug/L	89		SW846 8040A
	ND	95.3	90.6	ug/L	95	6.5	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.1	85.1	ug/L	89		SW846 8040A
	ND	95.3	89.2	ug/L	94	4.7	SW846 8040A
Dinoseb	ND	95.1	92.2	ug/L	97		SW846 8040A
	ND	95.3	97.3	ug/L	102	5.4	SW846 8040A
2-Nitrophenol	ND	95.1	81.6	ug/L	86		SW846 8040A
	ND	95.3	87.0	ug/L	91	6.4	SW846 8040A
4-Nitrophenol	ND	95.1	86.4	ug/L	91		SW846 8040A
	ND	95.3	86.3	ug/L	90	0.22	SW846 8040A
Pentachlorophenol	ND	95.1	86.3	ug/L	91		SW846 8040A
	ND	95.3	93.4	ug/L	98	7.9	SW846 8040A
Phenol	ND	95.1	75.2	ug/L	79		SW846 8040A
	ND	95.3	73.2	ug/L	77	2.8	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.1	87.2	ug/L	92		SW846 8040A
	ND	95.3	87.8	ug/L	92	0.67	SW846 8040A
2,4,5-Trichloro-phenol	ND	95.1	80.4	ug/L	84		SW846 8040A
	ND	95.3	85.3	ug/L	89	6.0	SW846 8040A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KKRTE1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D050142-002 KKRTE1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.1**	**81.5**	**ug/L**	**86**		**SW846 8040A**
	ND	**95.3**	**86.0**	**ug/L**	**90**	**5.3**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(44 - 110)
	105	(44 - 110)
2-Fluorophenol	79	(37 - 96)
	77	(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 #...: SL733 Work Order #...: KK3921AD-MS Matrix.....: WATER
MS Lot-Sample #: F8D100325-001 KK3921AE-MSD
Date Sampled...: 04/08/08 Date Received..: 04/10/08
Prep Date.....: 04/14/08 Analysis Date..: 04/16/08
Prep Batch #...: 8105185
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	96.0	84.1	ug/L	88		SW846 8040A
	ND	95.0	64.7	ug/L	68 p	26	SW846 8040A
4-Chloro-3-methylphenol	ND	96.0	89.1	ug/L	93		SW846 8040A
	ND	95.0	70.6	ug/L	74 p	23	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	96.0	85.4	ug/L	89		SW846 8040A
	ND	95.0	68.9	ug/L	73 p	21	SW846 8040A
2-Methylphenol	ND	96.0	83.7	ug/L	87		SW846 8040A
	ND	95.0	67.6	ug/L	71 p	21	SW846 8040A
2,4-Dichlorophenol	ND	96.0	84.2	ug/L	88		SW846 8040A
	ND	95.0	67.5	ug/L	71 p	22	SW846 8040A
2,6-Dichlorophenol	ND	96.0	87.4	ug/L	91		SW846 8040A
	ND	95.0	70.4	ug/L	74 p	22	SW846 8040A
2,4-Dimethylphenol	ND	96.0	84.1	ug/L	88		SW846 8040A
	ND	95.0	67.9	ug/L	72 p	21	SW846 8040A
2,4-Dinitrophenol	ND	96.0	89.7	ug/L	93		SW846 8040A
	ND	95.0	72.1	ug/L	76 p	22	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	96.0	85.8	ug/L	89		SW846 8040A
	ND	95.0	56.7	ug/L	60 p	41	SW846 8040A
Dinoseb	ND	96.0	92.0	ug/L	96		SW846 8040A
	ND	95.0	61.4	ug/L	65 p	40	SW846 8040A
2-Nitrophenol	ND	96.0	85.7	ug/L	89		SW846 8040A
	ND	95.0	58.1	ug/L	61 p	38	SW846 8040A
4-Nitrophenol	ND	96.0	94.6	ug/L	99		SW846 8040A
	ND	95.0	66.8	ug/L	70 p	34	SW846 8040A
Pentachlorophenol	ND	96.0	88.0	ug/L	92		SW846 8040A
	ND	95.0	67.7	ug/L	71 p	26	SW846 8040A
Phenol	ND	96.0	83.8	ug/L	87		SW846 8040A
	ND	95.0	66.6	ug/L	70 p	23	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	96.0	86.3	ug/L	90		SW846 8040A
	ND	95.0	55.6	ug/L	59 p	43	SW846 8040A
2,4,5-Trichloro-phenol	ND	96.0	86.6	ug/L	90		SW846 8040A
	ND	95.0	69.1	ug/L	73 p	23	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL733 **Work Order #...:** KK3921AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D100325-001 KK3921AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**96.0**	**87.3**	**ug/L**	**91**		**SW846 8040A**
	ND	**95.0**	**71.0**	**ug/L**	**75 p**	**21**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	100	(44 - 110)
	76	(44 - 110)
2-Fluorophenol	82	(37 - 96)
	64	(37 - 96)

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.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1V0R5

General Chemistry

Lot-Sample #...: F8D050142-001 Work Order #...: KKRTD Matrix.....: WATER
Date Sampled...: 04/02/08 Date Received..: 04/04/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	1.0 B	5.0	mg/L	MCAWW 413.1	04/25/08	8098335

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

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL733 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)		Work Order #: KKVQ91AA		MB Lot-Sample #:	F8D070000-335	
	ND	5.0	mg/L	MCAWW 413.1	04/25/08	8098335
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL733 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)		WO#:KKVQ91AC-LCS/KKVQ91AD-LCSD				LCS Lot-Sample#: F8D070000-335		
	100	107	mg/L	107		MCAWW 413.1	04/25/08	8098335
	100	111	mg/L	111	4.0	MCAWW 413.1	04/25/08	8098335

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 #...: SL733 **Matrix.....:** WATER
Date Sampled...: 04/02/08 **Date Received..:** 04/04/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)			Work Order #...: KKRTD1AK			MS Lot-Sample #: F8D050142-001		
	1.0	100	104	mg/L	103	MCAWW 413.1	04/25/08	8098335
			Dilution Factor: 1					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8D040318 **Work Order #...:** KKRTD-SMP KKRTD-DUP **Matrix.....:** WATER

Date Sampled...: 04/02/08 **Date Received..:** 04/04/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)						SD Lot-Sample #:	F8D050142-001	
	1.0 B	0.90 B	mg/L	11	(0-20)	MCAWW 413.1	04/25/08	8098335

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.