RECEIVED APRIL 7, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

W08-002

Lot #: F8B270223
SDG #: SL729

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

March 21, 2008

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

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THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford, Inc.
P.O. Box 1000
MSIN E6-35
Richland, Washington 99352
March 31, 2008
Attention: Steve Trent

SDG	: SL729
Number of Samples	: 26 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: March 19, 2007

II. Introduction

Between between February 27, 2008 and March 7, 2008, twenty-six (26) water samples were received by TestAmerica - St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

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

Deviation from Request: None

IV. Definitions

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

V. Comments

General

The following SAFs are associated with this SDG: W08-002, S08-010, W08-001, I08-022, and S08-003.

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

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

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THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

March 31, 2008
SDG: SL729

Volatiles

Batch: 8063141

The LCS/LCSD RPDs for 2-Butanone and 1,4-Dioxane are not within method acceptance criteria. LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:

F8B270223 (1): B1T620	F8B270223 (4): B1T639
F8B270223 (2): B1T610	F8B270223 (5): B1T615
F8B270223 (3): B1T634	F8B270223 (6): B1T625

The MS/MSD RPD 1-Butanol is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:

F8B270223 (1): B1T620	F8B270223 (4): B1T639
F8B270223 (2): B1T610	F8B270223 (5): B1T615
F8B270223 (3): B1T634	F8B270223 (6): B1T625

Batch: 8065333

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

Ethyl acetate failed high in the LCS/LCSD. However it is not detected in the associated sample.
Affected Samples:

F8B270223 (7): B1T626	F8B270233 (1): B1R2B3
F8B270223 (8): B1T644	F8B270233 (2): B1R2B2
F8B270223 (9): B1T649	F8B270261 (2): B1T2Y0

Batch: 8071180

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for Bromomethane (77.2%), Chloroethane (46.4%), Iodomethane (21.3%), Allyl chloride (58.9%), Vinyl acetate (24.7%), and Isobutanol (26.7%), indicating a potential high bias for these analytes in the samples associated with this CCV. These analytes are not detected above the reporting limits or not reported in the associated samples; The D% CCV is (lower recovered) outside the Method criteria (greater than 20% D) for Acrolein (36.1%).
Affected Samples:

F8B270261 (2): B1T2Y0	F8C060167 (3): B1T327

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March 31, 2008
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F8C060165 (1): B1R2B1
F8C060167 (2): B1T2Y7
F8C070275 (1): B1TT67

For a large number of analytes in the LCS/LCSD, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS/LCSD.
LCS/LCSD recoveries are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.
Bromomethane and Allyl Chloride in LCS/LCSD and Chloroethane in the LCS failed high. However they are not detected above the reporting limits or not the target analytes. The data is reported with the narrative.
Affected Samples:
F8B270261 (2): B1T2Y0
F8C060165 (1): B1R2B1
F8C060167 (2): B1T2Y7
F8C060167 (3): B1T327
F8C070275 (1): B1TT67

The recoveries for Allyl chloride in the MS/MSD and Bromomethane in the MSD exceeded the QC limits. They are not detected above the reporting limit in the associated samples; The RPD for Bromomethane is outside of the QC limit. The recoveries are acceptable.
Affected Samples:
F8B270261 (2): B1T2Y0
F8C060165 (1): B1R2B1
F8C060167 (2): B1T2Y7
F8C060167 (3): B1T327
F8C070275 (1): B1TT67

The sample was analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.
Affected Samples:
F8B270261 (2): B1T2Y0

Batch: 8072072

The opening CCV (NCAL 98550 recoveries were outside the upper QC limit (greater than 20% RSD) for 1-Butanaol (24.1 %) and 1,4- Dioxane (59.2 %) indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.
Affected Samples:
F8C070109 (1): B1TT66

For a large number of analytes in the LCS, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS.
LCS recoveries are outside laboratory QC limits and qualified accordingly. The LCS/LCSD recoveries for 1,4-Dioxane are outside the marginal exceedance failure limits and the LCS recovery for 1-Butanol is outside the marginal exceedance warning limits, indicating a potential positive bias for those analytes in samples associated

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March 31, 2008
SDG: SL729

with this LCS/LCSDS. These analytes were not detected above the reporting limit in the associated sample; therefore the sample data was not adversely affected by this excursion.
Affected Samples:
F8C070109 (1): B1TT66

The MSD recovery for 1,4- Dioxane is outside the upper QC limit, indicating a potential positive bias for that analytes. 1,4- Dioxane was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.
Affected Samples:
F8C070109 (1): B1TT66

Batch: 8074303

The samples were analyzed at dilution due to high concentrations of interfering elements. The reporting limits have been adjusted for the dilution.
Affected Samples:
F8C060167 (2): B1T2Y7
F8C060167 (3): B1T327

Phenols

Batch: 8061058

The LCS surrogate recoveries are outside acceptance limits. LCS spike recoveries are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the LCS and not indicative of the batch.
Affected Samples:
F8B270223 (10): B1T4F9
F8B270223 (11): B1T4D8
F8B270223 (12): B1T4J0
F8B270239 (2): B1RVR3
F8B270239 (4): B1RVR7

The MS/MSD RPD for several analytes is not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8B270223 (10): B1T4F9
F8B270223 (11): B1T4D8
F8B270223 (12): B1T4J0
F8B270239 (2): B1RVR3
F8B270239 (4): B1RVR7

The closing CCV recovery for OCAL098 was outside the upper QC limit (greater than 15% RSD) for 2-Nitrophenol, 4-Nitrophenol, 4,6-dinitro-o-Cresol, Pentachlorophenol, and Dinoseb indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples. The closing CCV surrogate recovery for 2,4,6-Tribromophenol is outside the upper QC limits, but the sample surrogate recoveries were within acceptable QC limits.

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Affected Samples:
F8B270223 (10): B1T4F9
F8B270223 (11): B1T4D8
F8B270223 (12): B1T4J0
F8B270239 (2): B1RVR3
F8B270239 (4): B1RVR7

Sulfide

Batch: 8073050

The analysis for Sulfide was performed outside the 7-day hold time
Affected Samples:
F8C060167 (2): B1T2Y7

There were no observations or nonconformances for the following methods:

Mercury
Total Phenol

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

Reviewed and approved:

Michael Franks
St. Louis Project Manager

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METHODS SUMMARY

SL729

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Phenolics	MCAWW 420.2	MCAWW 420.2
Phenols by GC	SW846 8040A	SW846 3520
Sulfide	SW846 9030	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

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

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

SAMPLE SUMMARY

SL729 : F8B270223

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHPDA	001	B1T620	02/25/08	10:32
KHPDC	002	B1T610	02/25/08	09:26
KHPDD	003	B1T634	02/25/08	11:51
KHPDE	004	B1T639	02/25/08	12:32
KHPDF	005	B1T615	02/25/08	11:12
KHPDH	006	B1T625	02/25/08	13:36
KHPDL	007	B1T626	02/25/08	13:36
KHPDM	008	B1T644	02/26/08	10:17
KHPDP	009	B1T649	02/26/08	09:30
KHPDR	010	B1T4F9	02/26/08	12:53
KHPDT	011	B1T4D8	02/26/08	12:05
KHPD8	012	B1T4J0	02/26/08	11:04

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

SL729 : F8B270233

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHPF9	001	B1R2B3	02/26/08	09:30
KHPGD	002	B1R2B2	02/25/08	09:26

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL729 : F8B270239

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHPGT	001	B1RVR2	02/25/08	11:58
KHPGV	002	B1RVR3	02/25/08	11:58
KHPG2	003	B1RVR6	02/25/08	09:00
KHPG3	004	B1RVR7	02/25/08	09:00

NOTE(S):

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- Results noted as "ND" were not detected at or above the stated limit.
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SAMPLE SUMMARY

SL729 : F8B270261

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHPKE	001	B1T2X9	02/25/08	14:02
KHPKF	002	B1T2Y0	02/25/08	14:02

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL729 : F8C060165

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH4XN	001	B1R2B1	03/03/08	13:59

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL729 : F8C060167

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH4X2	001	B1T2Y6	03/03/08	13:59
KH4X7	002	B1T2Y7	03/03/08	13:59
KH40V	003	B1T327	03/04/08	12:01

NOTE(S):

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- 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

SL729 : F8C070109

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH6TX	001	B1TT66	03/04/08	12:01

NOTE(S):

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- Results noted as "ND" were not detected at or above the stated limit.
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(Continued on next page)

SAMPLE SUMMARY

SL729 : F8C070275

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH72W	001	B1TT67	03/06/08	10:33

NOTE(S):

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- 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# SL729

FLUOR HANFORD SL729

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-444**

Page 1 of 1

Collector Roy Sickle	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-002	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, FEBRUARY 2008	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 1168 7852
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
B1T620		W	2/25/08	1032	1x20-mL P	Activity Scan	None
B1T620		W	2/25/08	1032	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			1400 2-26-08	FED EX			
Fed Ex			2-27-08 09:30				02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-428

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	HNF-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 1168 7852
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
B1T610		W	2/25/08	0926	1x20-mL P	Activity Scan	None
B1T610		W	2/25/08	0926	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	1400 2-26-08	FED EX	
RD Ex	2-27-08 09:30	[signature]	02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL729

FLUOR HANFORD 5L729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-460

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA FEBRUARY 2008	HNF-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 1168 7852
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
B1T634		W	2-25-08	1151	1x20-mL P	Activity Scan	None
B1T634		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			1400 2-26-08	FED EX			
Relinquished By: RD Ex			Date/Time: 2-27-08 09:30	Received By			Date/Time: 02.27.08 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-468**

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	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 1168 7852
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
B1T639		W	2/25/08	1232	1x20-mL P	Activity Scan	None
B1T639		W	2/25/08	1232	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	1400 2-26-08	FED EX	
FED Ex	2-27-08 09:30	[signature]	02.27.08 0930

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

SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-436

Page 1 of 1

Collector: Roy Sickle	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	HNF-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 1168 7852
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
B1T615		W	2/25/08	1112	1x20-mL P	Activity Scan	None
B1T615		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			2/25/08 1400 2-26-08 FEB 25 2008	FED EX			
Relinquished By: FED EX			Date/Time: 2-27-08 09:30	Received By			Date/Time: 02.27.08 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL729

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-452**

Page 1 of 1

Collector: RT SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	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 1168 7852
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
B1T625		W	2/25/08	1330	1x20-mL P	Activity Scan	None
B1T625		W	2/25/08	1330	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
RT SICKLE			2-26-08 1400 ~~2/25 0830~~	FED EX			
FED EX			2-27-08 09:30				02-27-08 0930

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL729

FLUOR HANFORD SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-453**

Page 1 of 1

Collector RT Sickle	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W08-002	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, FEBRUARY 2008	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 1168 7852
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
B1T626		W	2/25/08	1330	1x20-mL P	Activity Scan	None
B1T626		W	2/25/08	1330	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
RT Sickle			2/26/08 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			02.27.08 0930			02.27.08	0930
Relinquished By			Date/Time	Received By			Date/Time
				SW		02.27.08	
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

SDF# SL729

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-476

Page 1 of 1

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	HNF-N-506-13 pg 13	Ice Chest No.: SA WS 119 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 79173697
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
B1T644		W	2/26/08	1017	1x20-mL P	Activity Scan	None
B1T644		W	2/26/08	1017	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN			FEB 26 2008 1400	Fed Ex			
Fed Ex			02.27.08 09:30				02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

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SDF# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-484

Page 1 of 1

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA FEBRUARY 2008	HNF-N-506-13 pg13	Ice Chest No.: SAWS 119 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 7977 3697
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
B1T649		W	2/26/08	0930	1x20-mL P	Activity Scan	None
B1T649		W	2/26/08	0930	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN			FEB 26 2008 1400	Fed Ex			
Relinquished By: Fed Ex			2-27-08 09:30	Received By			02.27.08 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = 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# SL729

FLUOR HANFORD

SL729

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-496**

Page 1 of 1

Collector R.F. CARRIGAN	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W08-002	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, FEBRUARY 2008	HNF-N-506-13 pg 14	Ice Chest No. SAWS-119 Temp. 65 lbs
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7992 7917 3697
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
B1T4F9		W	2/24/08	1253	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4F9		W	2/24/08		1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
FLUOR HANFORD R.F. CARRIGAN — R.F. Carrigan	FEB 26 2008 0900	Fed ex	
Fed Ex	02.27.08 09:30	Susan Mason	02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

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161

SDG# SL729

FLUOR HANFORD

SL729

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W08-002-490**

Page 1 of 1

Collector: R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA FEBRUARY 2008	HNF-N-506-13 pg 13	Ice Chest No.: SAWS-119 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 7917 3697
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
B1T4D8		W	2/26/08	1205	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4D8		W	2/26/08	1205	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
FLUOR HANFORD R.F. CARRIGAN	FEB 26 2008	Fed EX	
RDEc	02-27-08 09:30	02.27.08	0930

Matrix *

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

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

TestAmerica St. Louis

26 D# 161

SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-002-502

Page 1 of 1

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-002	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, FEBRUARY 2008	HNF-N-506-13 pg 13	Ice Chest No.: SAWS-119 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 7917 3697
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
B1T4J0		W	2/26/08	1104	3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1T4J0		W	2/26/08	1104	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
FLUOR HANFORD R.F. CARRIGAN [signature]	1408 FEB 26 2008	Fed EX	
Fed Ex	02.27.08 09:30	[signature]	02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792011687852	**Reference**	ERC-96-028
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	78.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	10:32 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799279173697	**Reference**	SAWS-119
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	65.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	6:57 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:38 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2172 - Lot #(s): FSB 27023, 253, 239, 241

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: below Date: 02.27.08
Quote No: 78469 77361 78676 78052 Initiated By: Time: 0930

Shipping Information

Shipper Name: FedX
Multiple Packages (Y) N

Shipping # (s):*

1.	7992 7917 3697	6.	
2.	7920 1168 7852	7.	
3.		8.	
4.		9.	
5.		10.	

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

W08-002-444, 428, 460, 468, 436, 452, 453, 476, 484, 496, 490, 502
S08-010-290, 289
I08-022-16
W08-001-74, 75

Corrective Action:

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

Project Management Review: Michael Date: 02.28.08

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.

SDG# SL729

FLUOR HANFORD

SL729

Cur 2172

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-290

Collector: FLUOR HANFORD R.F. CARRIGAN	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. OCTOBER 2007	HNF-N-506-13 p513	Ice Chest No.: SAWS 119 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7992 7917 3697
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

FY07 and FY08 samples cannot be in the same SDG.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2B3		W	2/26/08	0930	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R2B3		W	2/26/08	0930	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN	RF Carrigan	FEB 26 2008	1400	Fed EX			
Fed Ex			02-27-08 09:30				02-27-08 0930

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

SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-289

Page 1 of 1

Collector	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-010 Roy Sickle	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, OCTOBER 2007	HNT-506-15	Ice Chest No.: ERC96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 1168 7852
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2B2		W	2/25/08	0926	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R2B2		W	2/25/08	0926	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Sickle	2-26-08 1400	FED EX	
FEDEX	2-27-08 09:30	[signature]	02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

32 SF 161

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799279173697	**Reference**	SAWS-119
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	65.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	6:57 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:38 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792011687852	**Reference**	ERC-96-028
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	78.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	10:32 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2172 - Lot #(s): F8B270113, 233, 239, 241

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: Below Date: 02.27.08
Quote No: 78469 77381 78656 78052 Initiated By: [illegible] Time: 0930

Shipping Information

Shipper Name: FedEx
Multiple Packages (Y) N

Shipping # (s):*

1.	7992 7917 3697	6.	
2.	7920 1168 7852	7.	
3.		8.	
4.		9.	
5.		10.	

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

W08-002-444, 428, 460, 468, 436, 452, 453, 476, 484, 496, 490, 502
S08-010-290, 289
I08-022-16
W08-001-74, 75

Corrective Action:

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

Project Management Review: [signature] Date: 02-28-08

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.

SDF# SL729

FLUOR HANFORD

SL729

cur 2172

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-74

Page 1 of 1

Collector: R. D. Julian	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506-12	Ice Chest No.: ERC96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 1168 7852
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
B1RVR2 (F)		W	2-25-08	1158	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RVR3		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RVR3		W			1x20-mL P	Activity Scan	None
B1RVR3		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. D. Julian		RD Julian	1400 2-26-08	FED EX			
RDEx			02-27-08 09:30				02.27.08 0930

Matrix *

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

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

TestAmerica St. Louis

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SDG# SL729

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-001-75

Page 1 of 1

Collector: R. D. Julian	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W08-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JANUARY 2008	HNF-N-506 12	Ice Chest No.: ERC96-028 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7920 1168 7852
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
B1RVR6 (F)		W	2-25-08	0900	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1RVR7		W			3x1000-mL aG	8040_PHENOLIC_GC: List-1 (17)	Residual Chlorine 0.0008% Na2S2O3 Cool~4C
B1RVR7		W			1x20-mL P	Activity Scan	None
B1RVR7		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R. D. Julian			1400 2-26-08	FED EX			
FDEX			02-27-08 09:30				02-27-08 0930

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

Quick Help

Tracking number	792011687852	**Reference**	ERC-96-028
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	78.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	10:32 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2172 - Lot #(s): FGB 27023 253 (224) 261

Client: Fluor Hanford COC/RFA No: below Date: 02.27.08
Quote No: 78469 77361 78656 78052 Initiated By: Time: 0930

Condition Upon Receipt Form

Shipping Information

Shipper Name: Fed X
Shipping # (s):*
1. 7992 7917 3697
2. 7920 1168 7852
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
W08-002-444, 428, 460, 468, 436, 452, 453, 476, 484, 496, 490, 502
S08-010-290, 289
I08-022-16
W08-001-74, 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: 02-28-08

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.

ADMIN-0004, REVISED 08/06/07\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDF# SL729

FLUOR HANFORD SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

air 2172

C.O.C. # **I08-022-16**

Page 1 of 1

Collector Josh Herrick Fluor Hanford	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. I08-022	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 2UP1, FEBRUARY 2008	HNF-N-506-13	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 1168 7852
Protocol SURV	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T2X9 (F)		W	2-25-08	1402	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1T2Y0		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1T2Y0		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1T2Y0		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1T2Y0		W			1x20-mL P	Activity Scan	None
B1T2Y0		W			~~1x500-mL~~ 1000 aG 85 225.8	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford			1400 2-26-08	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			022708 09:30				02.27.08 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792011687852	**Reference**	ERC-96-028
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Feb 26, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Feb 27, 2008 9:21 AM	**Service type**	Priority Overnight
		Weight	78.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Feb 27, 2008	9:21 AM	**Delivered**	Earth City, MO	
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:58 AM	At local FedEx facility	EARTH CITY, MO	
	6:14 AM	At dest sort facility	BERKELEY, MO	
	4:11 AM	Departed FedEx location	MEMPHIS, TN	
Feb 26, 2008	5:29 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	10:32 AM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 2172 - Lot #(s): F8B270223, 253, 229, 240

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 78469, 77361, 78656, 76052
COC/RFA No: Delgu
Initiated By: [illegible]
Date: 02.27.08
Time: 0930

Shipping Information

Shipper Name: Fed X
Shipping # (s):*

1. 7992 7917 3697
2. 7920 1168 7852
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

1. 2°
2. 2°
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

W08-002-444, 428, 460, 468, 436, 452, 453, 476, 484, 496, 490, 502
S08-010-290, 289
I08-022-16
W08-001-74, 75

Corrective Action:

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

Project Management Review: [signature] Date: 02-28-08 - 2172 -

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.

CVR 1916

SDG# SL729

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S08-010-288

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S08-010	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, OCTOBER 2007	HNF-N-506-11	Ice Chest No.: SAWS107 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7998 1393 2956
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1R2B1		W	3/3/08	1359	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1R2B1		W	↓	↓	1x20-mL P	Activity Scan	None

3/3/08

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
D. J. Sparks		MAR 05 2008 1200	J.G. Hogan Fluor Hanford		MAR 05 2008 1200
J.G. Hogan Fluor Hanford		MAR 05 2008 1400	FEDEX		
FEDEX		3-6-08 09:00	B-Ol		3/6/08 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

SDG 161

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799813932956	**Reference**	SAWS-107
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Mar 5, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 6, 2008 9:08 AM	**Service type**	Priority Overnight
		Weight	39.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 6, 2008	9:08 AM	**Delivered**	Earth City, MO	
	7:18 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:12 AM	At local FedEx facility	EARTH CITY, MO	
	5:10 AM	At dest sort facility	BERKELEY, MO	
	3:58 AM	Departed FedEx location	MEMPHIS, TN	
	1:18 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 5, 2008	5:27 PM	Left origin	PASCO, WA	
	4:06 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

- 1916 -

Lot #(s): F8C060165, 167, F8C070109

Condition Upon Receipt Form

Client: Hanford
Quote No: 72381, 78656
COC/RFA No: See below
Initiated By: BD
Date: 3/6/08
Time: 2400

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7998 1393 2956	6.		
2.	7.		
3.	8.		
4.	9.		
5.	10.		

Multiple Packages Y (N)

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: S08-010-288
S08-022-26, 70
S08-003-212

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

Project Management Review: [signature] Date: 03-09-08

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.

SDG# SL7469

CLR 1916

FLUOR HANFORD

SL 729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I08-022-26

Page 1 of 1

Collector: D. J. Sparks	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I08-022	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1, FEBRUARY 2008	HNF-N-506-11	Ice Chest No.: SAWS 107 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7998 1393 2956
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
200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T2Y6 (F)		W	3/3/08	1359	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1T2Y7		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1T2Y7		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1T2Y7		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1T2Y7		W			1x20-mL P	Activity Scan	None
B1T2Y7		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C

3/3/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. J. Sparks			MAR 05 2008 1200	J.G. Hogan Fluor Hanford			MAR 05 2008 1200
J.G. Hogan Fluor Hanford			MAR 05 2008 1400	FEDEX			
RD Ex			03 06 08 09:00				3/6/08 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

46 161

SDG# SL729

CWR 1911

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I08-022-70**

Page 1 of 1

Collector J.G. Hogan Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I08-022	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2UP1, FEBRUARY 2008	HNF-N-506-11	**Ice Chest No.** SAWS107 **Temp.**
Shipped To (Lab) TestAmerica St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7998 1393 2956
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ✓ No
200 Area Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1T327		W	3/4/08	1201	1x20-mL P	Activity Scan	None
B1T327		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

3/4/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
J.G. Hogan Fluor Hanford			MAR 05 2008 1410	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			03-06-08 09:00	B-N			3/6/08 0940
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

47

161

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799813932956	**Reference**	SAWS-107
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Mar 5, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 6, 2008 9:08 AM	**Service type**	Priority Overnight
		Weight	39.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 6, 2008	9:08 AM	**Delivered**	Earth City, MO	
	7:18 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:12 AM	At local FedEx facility	EARTH CITY, MO	
	5:10 AM	At dest sort facility	BERKELEY, MO	
	3:58 AM	Departed FedEx location	MEMPHIS, TN	
	1:18 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 5, 2008	5:27 PM	Left origin	PASCO, WA	
	4:06 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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- 1916 -

Lot #(s): F8C060165 167
F8C070109

Condition Upon Receipt Form

Client: Hanford
Quote No: 73810, 78656
COC/RFA No: See below
Initiated By: BD
Date: 3/6/08
Time: 0900

Shipping Information

Shipper Name: UPS
Shipping # (s):*
1. 7998 1393 2956
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: S08-010-285
S08-022-26, 70
S08-003-212

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: [signature] Date: 03-09-08

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.

CVL 1916

FLUOR HANFORD

SL729

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# S08-003-212

Page 1 of 1

Collector: J. G. Hogan	Contact/Requestor: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: MA 3-4-08 S08-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, MARCH 2008	HNF-N-506-11	Inv Chest No.: SAW5107 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7998 1393 2956
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
B1TT88		W	3-4-08	1201	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1TT66		W	↓	↓	1x20-mL P	Activity Scan	None

3/4/08

Relinquished By: MA 3-4-08 J. G. Hogan	Print / Sign	Date/Time: 1400 MAR 05 2008	Received By: FEDEX Print / Sign
Relinquished By: FEDEX		Date/Time: 03-06-08 0900	Received By: B. [illegible] Date/Time: 3/6/08 0906
Relinquished By		Date/Time	Received By / Date/Time
Relinquished By		Date/Time	Received By / Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = 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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799813932956	**Reference**	SAWS-107
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Mar 5, 2008	**Delivered to**	Shipping/Receiving
Delivery date	Mar 6, 2008 9:08 AM	**Service type**	Priority Overnight
		Weight	39.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Mar 6, 2008	9:08 AM	**Delivered**	Earth City, MO	
	7:18 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:12 AM	At local FedEx facility	EARTH CITY, MO	
	5:10 AM	At dest sort facility	BERKELEY, MO	
	3:58 AM	Departed FedEx location	MEMPHIS, TN	
	1:18 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 5, 2008	5:27 PM	Left origin	PASCO, WA	
	4:06 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

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- 1916 - Lot #(s): F8C060165 F8C070109

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 3/6/08
Quote No: 77381, 78656 Initiated By: BD Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages Y (N)

Shipping # (s):*		Sample Temperature (s):**	
1. 7998 1393 2956	6.	1. 2	6.
2.	7.	2.	7.
3.	8.	3.	8.
4.	9.	4.	9.
5.	10.	5.	10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 508-010-285
508-022-26, 70
508-003-212

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 03-09-08

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

FLUOR HANFORD

SL729

CVR 2289

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S08-003-213**

Page 1 of 1

Collector: Roy Sickle	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-506-13	Ice Chest No.: SML-441 Temp.
Shipped To (Lab): TestAmerica St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7926 6124 3956
Protocol: 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
B1TT67		W	3/6/08	1033	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1TT67		W	↓	↓	1x20-mL P	Activity Scan	None

J. Wall 3/6/08

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Sickle			3-6-08 1430	FedEx			
FedEx			03-07-08 09:45	B-Dl			3/7/08 0945

Matrix *

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

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

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

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

Status Delivered

Signature image available Yes

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

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
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- 2289 - Lot #(s): F8C070266 (275)

Condition Upon Receipt Form

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

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7992 8523 2927
2. 7926 6124 3956
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. W08-002-526, 540
2. 508-003-213, W08-002-534, 509, 508, 514, 515

1 LG for BIT4K1 & BIT4P8 received broken.

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: [signature] Date: 03-11-08 -2289-

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

GC/MS VOLATILES

Fluor Hanford Inc

Client Sample ID: B1T620

GC/MS Volatiles

Lot-Sample #...: F8B270223-001 **Work Order #...:** KHPDA1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.30 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.95 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.42 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
1,2-Dichloroethane-d4	126	(63 - 133)
4-Bromofluorobenzene	92	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T620

GC/MS Volatiles

Lot-Sample #: F8B270223-001 **Work Order #:** KHPDA1AC **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: B1T610

GC/MS Volatiles

Lot-Sample #...: F8B270223-002 **Work Order #...:** KHPDC1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.26 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.68 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.32 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(70 - 119)
Dibromofluoromethane	105	(70 - 124)
1,2-Dichloroethane-d4	115	(63 - 133)
4-Bromofluorobenzene	95	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T610

GC/MS Volatiles

Lot-Sample #: F8B270223-002 **Work Order #:** KHPDC1AC **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: B1T634

GC/MS Volatiles

Lot-Sample #...: F8B270223-003 **Work Order #...:** KHPDD1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.10 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.85 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.46 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.34 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	119	(63 - 133)
4-Bromofluorobenzene	92	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T634

GC/MS Volatiles

Lot-Sample #: F8B270223-003 **Work Order #:** KHPDD1AC **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: B1T639

GC/MS Volatiles

Lot-Sample #...: F8B270223-004 **Work Order #...:** KHPDE1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.83 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.48 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.53 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(70 - 119)
Dibromofluoromethane	101	(70 - 124)
1,2-Dichloroethane-d4	122	(63 - 133)
4-Bromofluorobenzene	95	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T639

GC/MS Volatiles

Lot-Sample #: F8B270223-004 **Work Order #:** KHPDE1AC **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: B1T615

GC/MS Volatiles

Lot-Sample #...: F8B270223-005 **Work Order #...:** KHPDF1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.11 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.95 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.35 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.29 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	118	(63 - 133)
4-Bromofluorobenzene	93	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T615

GC/MS Volatiles

Lot-Sample #: F8B270223-005 **Work Order #:** KHPDF1AC **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: B1T625

GC/MS Volatiles

Lot-Sample #...: F8B270223-006 **Work Order #...:** KHPDH1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.10 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.68 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.57 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.67 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(70 - 119)
Dibromofluoromethane	104	(70 - 124)
1,2-Dichloroethane-d4	122	(63 - 133)
4-Bromofluorobenzene	94	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T625

GC/MS Volatiles

Lot-Sample #: F8B270223-006 **Work Order #:** KHPDH1AC **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: B1T626

GC/MS Volatiles

Lot-Sample #...: F8B270223-007 **Work Order #...:** KHPDL1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.70 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.55 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.54 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	123	(63 - 133)
4-Bromofluorobenzene	92	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T626

GC/MS Volatiles

Lot-Sample #: F8B270223-007 **Work Order #:** KHPDL1AC **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: B1T644

GC/MS Volatiles

Lot-Sample #...: F8B270223-008 **Work Order #...:** KHPDM1AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.64 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.52 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.40 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	125	(63 - 133)
4-Bromofluorobenzene	91	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T644

GC/MS Volatiles

Lot-Sample #: F8B270223-008 **Work Order #:** KHPDM1AC **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: B1T649

GC/MS Volatiles

Lot-Sample #...: F8B270223-009 **Work Order #...:** KHPDP1AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.80 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.36 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	107	(70 - 124)
1,2-Dichloroethane-d4	123	(63 - 133)
4-Bromofluorobenzene	90	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T649

GC/MS Volatiles

Lot-Sample #: F8B270223-009 **Work Order #:** KHPDP1AC **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: B1R2B3

GC/MS Volatiles

Lot-Sample #...: F8B270233-001 **Work Order #...:** KHPF91AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**2.2**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**0.18 J**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	105	(70 - 124)
1,2-Dichloroethane-d4	121	(63 - 133)
4-Bromofluorobenzene	94	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R2B3

GC/MS Volatiles

Lot-Sample #: F8B270233-001 **Work Order #:** KHPF91AC **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: B1R2B2

GC/MS Volatiles

Lot-Sample #...: F8B270233-002 **Work Order #...:** KHPGD1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**5.5**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(70 - 119)
Dibromofluoromethane	104	(70 - 124)
1,2-Dichloroethane-d4	125	(63 - 133)
4-Bromofluorobenzene	92	(66 - 115)

Fluor Hanford Inc

B1R2B2

GC/MS Volatiles

Lot-Sample #: F8B270233-002 **Work Order #:** KHPGD1AC **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: B1T2Y0

GC/MS Volatiles

Lot-Sample #...: F8B270261-002 **Work Order #...:** KHPKF1AF **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**2.3**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.53 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	112	(70 - 124)
1,2-Dichloroethane-d4	121	(63 - 133)
4-Bromofluorobenzene	91	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T2Y0

GC/MS Volatiles

Lot-Sample #: F8B270261-002 **Work Order #:** KHPKF1AF **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: B1T2Y0

GC/MS Volatiles

Lot-Sample #...: F8B270261-002 **Work Order #...:** KHPKF2AF **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**110 D**	**5.0**	**ug/L**	**0.50**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	84	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	119	(63 - 133)
4-Bromofluorobenzene	87	(66 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1R2B1

GC/MS Volatiles

Lot-Sample #...: F8C060165-001 **Work Order #...:** KH4XN1AC **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**2.5 B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**0.24 J**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(70 - 119)
Dibromofluoromethane	95	(70 - 124)
1,2-Dichloroethane-d4	107	(63 - 133)
4-Bromofluorobenzene	88	(66 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1R2B1

GC/MS Volatiles

Lot-Sample #: F8C060165-001 **Work Order #:** KH4XN1AC **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: B1T2Y7

GC/MS Volatiles

Lot-Sample #...: F8C060167-002 **Work Order #...:** KH4X71AD **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**3.1**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**2.6**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
1,2-Dichloroethane-d4	108	(63 - 133)
4-Bromofluorobenzene	85	(66 - 115)

Fluor Hanford Inc

B1T2Y7

GC/MS Volatiles

Lot-Sample #: F8C060167-002 **Work Order #:** KH4X71AD **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: B1T2Y7

GC/MS Volatiles

Lot-Sample #...: F8C060167-002 **Work Order #...:** KH4X72AD **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**200 D**	**20**	**ug/L**	**0.84**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
Dibromofluoromethane	97	(70 - 124)
1,2-Dichloroethane-d4	110	(63 - 133)
4-Bromofluorobenzene	83	(66 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1T327

GC/MS Volatiles

Lot-Sample #...: F8C060167-003 **Work Order #...:** KH40V1AC **Matrix.....:** WATER
Date Sampled...: 03/04/08 **Date Received..:** 03/06/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1 **Method.....:** SW846 8260B

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

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1T327

GC/MS Volatiles

Lot-Sample #...: F8C060167-003 **Work Order #...:** KH40V1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**3.4**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.69 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	108	(63 - 133)
4-Bromofluorobenzene	87	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1T327

GC/MS Volatiles

Lot-Sample #: F8C060167-003 **Work Order #:** KH40V1AC **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: B1T327

GC/MS Volatiles

Lot-Sample #...: F8C060167-003 **Work Order #...:** KH40V2AC **Matrix.....:** WATER
Date Sampled...: 03/04/08 **Date Received..:** 03/06/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**160 D**	**10**	**ug/L**	**0.42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	110	(63 - 133)
4-Bromofluorobenzene	87	(66 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TT66

GC/MS Volatiles

Lot-Sample #...: F8C070109-001 **Work Order #...:** KH6TX1AC **Matrix.....:** WATER
Date Sampled...: 03/04/08 **Date Received..:** 03/06/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/11/08
Prep Batch #...: 8072072
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(70 - 119)
Dibromofluoromethane	114	(70 - 124)
1,2-Dichloroethane-d4	115	(63 - 133)
4-Bromofluorobenzene	105	(66 - 115)

Fluor Hanford Inc

B1TT66

GC/MS Volatiles

Lot-Sample #: F8C070109-001 **Work Order #:** KH6TX1AC **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: B1TT67

GC/MS Volatiles

Lot-Sample #...: F8C070275-001 **Work Order #...:** KH72W1AC **Matrix.....:** WATER
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**0.44 J,B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
Dibromofluoromethane	95	(70 - 124)
1,2-Dichloroethane-d4	112	(63 - 133)
4-Bromofluorobenzene	86	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1TT67

GC/MS Volatiles

Lot-Sample #: F8C070275-001 **Work Order #:** KH72W1AC **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 #...: SL729 **Work Order #...:** KHXCE1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C030000-141

Prep Date.....: 02/27/08
Analysis Date..: 02/27/08 **Prep Batch #...:** 8063141
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.15 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	118	(63 - 133)
4-Bromofluorobenzene	93	(66 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8C030000-141 B **Work Order #:** KHXCE1AA **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 #...: SL729 **Work Order #...:** KH3DE1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C050000-333

Prep Date.....: 02/28/08
Analysis Date..: 02/28/08 **Prep Batch #...:** 8065333
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	122	(63 - 133)
4-Bromofluorobenzene	97	(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 #: F8C050000-333 B **Work Order #:** KH3DE1AA **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 #...: SL729 **Work Order #...:** KJCHR1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C110000-180

Prep Date.....: 03/10/08
Analysis Date..: 03/10/08 **Prep Batch #...:** 8071180
Dilution Factor: 1

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJCHR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	**0.15 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(70 - 119)
Dibromofluoromethane	97	(70 - 124)
1,2-Dichloroethane-d4	118	(63 - 133)
4-Bromofluorobenzene	88	(66 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8C110000-180 B **Work Order #:** KJCHR1AA **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 #...: SL729 **Work Order #...:** KJD7M1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C120000-072

Prep Date.....: 03/11/08
Analysis Date..: 03/11/08 **Prep Batch #...:** 8072072
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(70 - 119)
Dibromofluoromethane	107	(70 - 124)
1,2-Dichloroethane-d4	109	(63 - 133)
4-Bromofluorobenzene	104	(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 #: F8C120000-072 B **Work Order #:** KJD7M1AA **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 #...: SL729 **Work Order #...:** KJL5R1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C140000-303

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

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

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

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KHXCE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C030000-141 KHXCE1AD-LCSD
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	200	179	ug/L	90		SW846 8260B
	200	224 p	ug/L	112	22	SW846 8260B
1,1-Dichloroethene	10.0	8.97	ug/L	90		SW846 8260B
	10.0	8.89	ug/L	89	0.98	SW846 8260B
Ethylbenzene	10.0	9.98	ug/L	100		SW846 8260B
	10.0	10.1	ug/L	101	0.90	SW846 8260B
Vinyl chloride	10.0	12.5	ug/L	125		SW846 8260B
	10.0	11.7	ug/L	117	6.4	SW846 8260B
Acetone	10.0	7.50	ug/L	75		SW846 8260B
	10.0	7.52	ug/L	75	0.36	SW846 8260B
Methylene chloride	10.0	8.95	ug/L	90		SW846 8260B
	10.0	9.38	ug/L	94	4.6	SW846 8260B
Carbon disulfide	10.0	9.52	ug/L	95		SW846 8260B
	10.0	9.37	ug/L	94	1.6	SW846 8260B
1,1-Dichloroethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.5	ug/L	105	1.0	SW846 8260B
2-Butanone	10.0	9.02	ug/L	90		SW846 8260B
	10.0	11.2 p	ug/L	112	21	SW846 8260B
Chloroform	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.2	ug/L	102	1.2	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.30	ug/L	83		SW846 8260B
	10.0	8.77	ug/L	88	5.4	SW846 8260B
Propionitrile	50.0	44.9	ug/L	90		SW846 8260B
	50.0	53.3	ug/L	107	17	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.60	ug/L	86		SW846 8260B
	10.0	8.80	ug/L	88	2.4	SW846 8260B
1,1,1-Trichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.3	ug/L	103	0.58	SW846 8260B
Carbon tetrachloride	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.6	ug/L	106	1.1	SW846 8260B
1,2-Dichloroethane	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.8	ug/L	108	1.6	SW846 8260B
Benzene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.3	ug/L	103	0.48	SW846 8260B
Trichloroethene	10.0	9.28	ug/L	93		SW846 8260B
	10.0	9.23	ug/L	92	0.56	SW846 8260B
4-Methyl-2-pentanone	10.0	9.24	ug/L	92		SW846 8260B
	10.0	9.35	ug/L	94	1.2	SW846 8260B
1,1,2-Trichloroethane	10.0	9.35	ug/L	94		SW846 8260B
	10.0	9.98	ug/L	100	6.5	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KHXCE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C030000-141 KHXCE1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.01**	**ug/L**	**90**		**SW846 8260B**
	10.0	**8.78**	**ug/L**	**88**	**2.5**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**45.4**	**ug/L**	**91**		**SW846 8260B**
	50.0	**45.1**	**ug/L**	**90**	**0.79**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.2**	**ug/L**	**102**		**SW846 8260B**
	10.0	**9.70**	**ug/L**	**97**	**5.6**	**SW846 8260B**
1-Butanol	**100**	**93.1**	**ug/L**	**93**		**SW846 8260B**
	100	**102**	**ug/L**	**102**	**8.6**	**SW846 8260B**
Toluene	**10.0**	**9.93**	**ug/L**	**99**		**SW846 8260B**
	10.0	**9.93**	**ug/L**	**99**	**0.030**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(84 - 115)
	103	(84 - 115)
Dibromofluoromethane	102	(81 - 115)
	102	(81 - 115)
1,2-Dichloroethane-d4	106	(71 - 127)
	111	(71 - 127)
4-Bromofluorobenzene	95	(74 - 117)
	95	(74 - 117)

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.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KH3DE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C050000-333 KH3DE1AD-LCSD
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.32	ug/L	83		SW846 8260B
	10.0	7.74	ug/L	77	7.2	SW846 8260B
Ethylbenzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.32	ug/L	93	4.1	SW846 8260B
Ethyl acetate	20.0	84.8 a	ug/L	424		SW846 8260B
	20.0	85.4 a	ug/L	427	0.62	SW846 8260B
1,4-Dioxane	200	215	ug/L	107		SW846 8260B
	200	214	ug/L	107	0.37	SW846 8260B
Vinyl chloride	10.0	13.4 a	ug/L	134		SW846 8260B
	10.0	12.8	ug/L	128	4.6	SW846 8260B
Acetone	10.0	7.78	ug/L	78		SW846 8260B
	10.0	7.92	ug/L	79	1.8	SW846 8260B
Methylene chloride	10.0	9.31	ug/L	93		SW846 8260B
	10.0	9.22	ug/L	92	0.99	SW846 8260B
Carbon disulfide	10.0	8.69	ug/L	87		SW846 8260B
	10.0	8.15	ug/L	81	6.5	SW846 8260B
1,1-Dichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.90	ug/L	99	4.1	SW846 8260B
2-Butanone	10.0	8.25	ug/L	83		SW846 8260B
	10.0	8.72	ug/L	87	5.5	SW846 8260B
Chloroform	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.72	ug/L	97	2.9	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.25	ug/L	83		SW846 8260B
	10.0	7.97	ug/L	80	3.5	SW846 8260B
Propionitrile	50.0	47.7	ug/L	95		SW846 8260B
	50.0	55.5	ug/L	111	15	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.58	ug/L	86		SW846 8260B
	10.0	7.95	ug/L	79	7.6	SW846 8260B
1,1,1-Trichloroethane	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.57	ug/L	96	1.6	SW846 8260B
Carbon tetrachloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.88	ug/L	99	3.2	SW846 8260B
1,2-Dichloroethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.6	ug/L	106	1.2	SW846 8260B
Benzene	10.0	9.86	ug/L	99		SW846 8260B
	10.0	9.56	ug/L	96	3.2	SW846 8260B
Trichloroethene	10.0	8.94	ug/L	89		SW846 8260B
	10.0	8.48	ug/L	85	5.2	SW846 8260B
4-Methyl-2-pentanone	10.0	9.02	ug/L	90		SW846 8260B
	10.0	9.29	ug/L	93	3.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KH3DE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C050000-333 KH3DE1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**8.96**	**ug/L**	**90**		**SW846 8260B**
	10.0	**8.92**	**ug/L**	**89**	**0.33**	**SW846 8260B**
Tetrachloroethene	**10.0**	**8.24**	**ug/L**	**82**		**SW846 8260B**
	10.0	**8.28**	**ug/L**	**83**	**0.43**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**45.7**	**ug/L**	**91**		**SW846 8260B**
	50.0	**47.0**	**ug/L**	**94**	**2.8**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.67**	**ug/L**	**97**		**SW846 8260B**
	10.0	**9.50**	**ug/L**	**95**	**1.8**	**SW846 8260B**
1-Butanol	**100**	**95.9**	**ug/L**	**96**		**SW846 8260B**
	100	**91.4**	**ug/L**	**91**	**4.7**	**SW846 8260B**
Toluene	**10.0**	**9.44**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.20**	**ug/L**	**92**	**2.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(84 - 115)
	96	(84 - 115)
Dibromofluoromethane	98	(81 - 115)
	103	(81 - 115)
1,2-Dichloroethane-d4	110	(71 - 127)
	112	(71 - 127)
4-Bromofluorobenzene	89	(74 - 117)
	92	(74 - 117)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJCHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C110000-180 KJCHR1AD-LCSD
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.8	ug/L	108	2.8	SW846 8260B
Dibromochloromethane	10.0	8.83	ug/L	88		SW846 8260B
	10.0	9.05	ug/L	91	2.5	SW846 8260B
Chloromethane	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.75	ug/L	97	10	SW846 8260B
Bromomethane	10.0	18.5 a	ug/L	185		SW846 8260B
	10.0	16.6 a	ug/L	166	11	SW846 8260B
Chloroethane	10.0	15.0 a	ug/L	150		SW846 8260B
	10.0	13.9	ug/L	139	7.6	SW846 8260B
1,1-Dichloroethene	10.0	9.05	ug/L	90		SW846 8260B
	10.0	8.68	ug/L	87	4.1	SW846 8260B
1,2-Dichloroethene (total)	20.0	16.5	ug/L	83		SW846 8260B
	20.0	16.0	ug/L	80	3.6	SW846 8260B
1,2-Dichloropropane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.4	ug/L	104	2.8	SW846 8260B
Bromodichloromethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.3	ug/L	103	2.9	SW846 8260B
trans-1,3-Dichloropropene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	2.6	SW846 8260B
2-Hexanone	10.0	8.47	ug/L	85		SW846 8260B
	10.0	8.27	ug/L	83	2.5	SW846 8260B
Chlorobenzene	10.0	9.65	ug/L	96		SW846 8260B
	10.0	9.28	ug/L	93	3.8	SW846 8260B
Bromoform	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.13	ug/L	91	3.1	SW846 8260B
Ethylbenzene	10.0	9.87	ug/L	99		SW846 8260B
	10.0	9.61	ug/L	96	2.6	SW846 8260B
Styrene	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.58	ug/L	96	2.7	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.4	ug/L	104	0.47	SW846 8260B
Allyl chloride	10.0	15.8 a	ug/L	158		SW846 8260B
	10.0	15.3 a	ug/L	153	3.4	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.69	ug/L	97		SW846 8260B
	10.0	9.96	ug/L	100	2.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJCHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C110000-180 KJCHR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dibromoethane	10.0	8.46	ug/L	85		SW846 8260B
	10.0	8.23	ug/L	82	2.8	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	11.7	ug/L	117		SW846 8260B
	10.0	12.7	ug/L	127	7.9	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	8.52	ug/L	85		SW846 8260B
	10.0	7.68	ug/L	77	10	SW846 8260B
Ethyl methacrylate	10.0	9.01	ug/L	90		SW846 8260B
	10.0	8.95	ug/L	89	0.71	SW846 8260B
Methyl methacrylate	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.14	ug/L	91	5.6	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	9.06	ug/L	91		SW846 8260B
	10.0	8.94	ug/L	89	1.3	SW846 8260B
Trichlorofluoromethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.8	ug/L	108	4.4	SW846 8260B
Acetonitrile	50.0	49.7	ug/L	99		SW846 8260B
	50.0	48.7	ug/L	97	2.0	SW846 8260B
Ethyl acetate	20.0	20.3	ug/L	101		SW846 8260B
	20.0	19.2	ug/L	96	5.5	SW846 8260B
Iodomethane	10.0	12.2	ug/L	122		SW846 8260B
	10.0	11.2	ug/L	112	8.4	SW846 8260B
Vinyl acetate	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.5	ug/L	105	0.57	SW846 8260B
Acrolein	50.0	29.2	ug/L	58		SW846 8260B
	50.0	27.3	ug/L	55	6.8	SW846 8260B
Isobutanol	200	242	ug/L	121		SW846 8260B
	200	256	ug/L	128	5.6	SW846 8260B
Methacrylonitrile	50.0	58.5	ug/L	117		SW846 8260B
	50.0	58.1	ug/L	116	0.65	SW846 8260B
1,4-Dioxane	200	199	ug/L	99		SW846 8260B
	200	237	ug/L	118	17	SW846 8260B
Chloroprene	10.0	12.2	ug/L	122		SW846 8260B
	10.0	12.2	ug/L	122	0.49	SW846 8260B
Vinyl chloride	10.0	12.9	ug/L	129		SW846 8260B
	10.0	11.7	ug/L	117	9.5	SW846 8260B
Acetone	10.0	8.81	ug/L	88		SW846 8260B
	10.0	8.08	ug/L	81	8.7	SW846 8260B
Methylene chloride	10.0	9.37	ug/L	94		SW846 8260B
	10.0	8.62	ug/L	86	8.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJCHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C110000-180 KJCHR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Carbon disulfide	10.0	9.87	ug/L	99		SW846 8260B
	10.0	9.60	ug/L	96	2.8	SW846 8260B
1,1-Dichloroethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.4	ug/L	104	4.5	SW846 8260B
2-Butanone	10.0	9.53	ug/L	95		SW846 8260B
	10.0	8.77	ug/L	88	8.3	SW846 8260B
Chloroform	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.78	ug/L	98	4.7	SW846 8260B
cis-1,2-Dichloroethene	10.0	7.88	ug/L	79		SW846 8260B
	10.0	7.80	ug/L	78	1.1	SW846 8260B
Propionitrile	50.0	54.0	ug/L	108		SW846 8260B
	50.0	55.4	ug/L	111	2.7	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.64	ug/L	86		SW846 8260B
	10.0	8.16	ug/L	82	5.8	SW846 8260B
1,1,1-Trichloroethane	10.0	9.79	ug/L	98		SW846 8260B
	10.0	9.85	ug/L	98	0.60	SW846 8260B
Carbon tetrachloride	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.1	ug/L	101	3.6	SW846 8260B
1,2-Dichloroethane	10.0	10.8	ug/L	108		SW846 8260B
	10.0	11.0	ug/L	110	2.5	SW846 8260B
Benzene	10.0	9.78	ug/L	98		SW846 8260B
	10.0	9.81	ug/L	98	0.27	SW846 8260B
Trichloroethene	10.0	9.64	ug/L	96		SW846 8260B
	10.0	8.96	ug/L	90	7.3	SW846 8260B
4-Methyl-2-pentanone	10.0	8.52	ug/L	85		SW846 8260B
	10.0	8.56	ug/L	86	0.46	SW846 8260B
1,1,2-Trichloroethane	10.0	8.80	ug/L	88		SW846 8260B
	10.0	8.84	ug/L	88	0.36	SW846 8260B
Tetrachloroethene	10.0	8.39	ug/L	84		SW846 8260B
	10.0	8.17	ug/L	82	2.6	SW846 8260B
Tetrahydrofuran	50.0	56.6	ug/L	113		SW846 8260B
	50.0	53.9	ug/L	108	4.9	SW846 8260B
1,4-Dichlorobenzene	10.0	9.27	ug/L	93		SW846 8260B
	10.0	9.27	ug/L	93	0.040	SW846 8260B
1-Butanol	100	99.6	ug/L	100		SW846 8260B
	100	101	ug/L	101	1.3	SW846 8260B
Toluene	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.18	ug/L	92	5.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJCHR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C110000-180 KJCHR1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(84 - 115)
	92	(84 - 115)
Dibromofluoromethane	106	(81 - 115)
	101	(81 - 115)
1,2-Dichloroethane-d4	111	(71 - 127)
	107	(71 - 127)
4-Bromofluorobenzene	91	(74 - 117)
	91	(74 - 117)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJD7M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C120000-072 KJD7M1AD-LCSD
Prep Date.....: 03/11/08 **Analysis Date..:** 03/11/08
Prep Batch #...: 8072072
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	12.1	ug/L	121		SW846 8260B
	10.0	12.0	ug/L	120	0.91	SW846 8260B
Ethylbenzene	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.5	ug/L	105	7.0	SW846 8260B
1,4-Dioxane	200	342 a	ug/L	171		SW846 8260B
	200	322 a	ug/L	161	6.1	SW846 8260B
Vinyl chloride	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.6	ug/L	106	3.7	SW846 8260B
Acetone	10.0	11.6	ug/L	116		SW846 8260B
	10.0	11.6	ug/L	116	0.25	SW846 8260B
Methylene chloride	10.0	10.7	ug/L	107		SW846 8260B
	10.0	10.3	ug/L	103	3.9	SW846 8260B
Carbon disulfide	10.0	11.9	ug/L	119		SW846 8260B
	10.0	11.5	ug/L	115	3.5	SW846 8260B
1,1-Dichloroethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.7	ug/L	107	4.5	SW846 8260B
2-Butanone	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.4	ug/L	104	5.1	SW846 8260B
Chloroform	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.8	ug/L	108	4.1	SW846 8260B
cis-1,2-Dichloroethene	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.9	ug/L	109	3.7	SW846 8260B
Propionitrile	50.0	61.8	ug/L	124		SW846 8260B
	50.0	58.6	ug/L	117	5.3	SW846 8260B
trans-1,2-Dichloroethene	10.0	12.1	ug/L	121		SW846 8260B
	10.0	11.6	ug/L	116	4.5	SW846 8260B
1,1,1-Trichloroethane	10.0	11.6	ug/L	116		SW846 8260B
	10.0	11.1	ug/L	111	4.1	SW846 8260B
Carbon tetrachloride	10.0	11.7	ug/L	117		SW846 8260B
	10.0	11.0	ug/L	110	6.2	SW846 8260B
1,2-Dichloroethane	10.0	11.4	ug/L	114		SW846 8260B
	10.0	11.1	ug/L	111	3.0	SW846 8260B
Benzene	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.3	ug/L	103	5.7	SW846 8260B
Trichloroethene	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.4	ug/L	104	5.4	SW846 8260B
4-Methyl-2-pentanone	10.0	9.89	ug/L	99		SW846 8260B
	10.0	9.36	ug/L	94	5.4	SW846 8260B
1,1,2-Trichloroethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.4	ug/L	104	6.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJD7M1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C120000-072 KJD7M1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**8.22**	**ug/L**	**82**		**SW846 8260B**
	10.0	**8.74**	**ug/L**	**87**	**6.1**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**53.7**	**ug/L**	**107**		**SW846 8260B**
	50.0	**53.0**	**ug/L**	**106**	**1.2**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	10.0	**10.2**	**ug/L**	**102**	**5.4**	**SW846 8260B**
1-Butanol	**100**	**143 a**	**ug/L**	**143**		**SW846 8260B**
	100	**118**	**ug/L**	**118**	**19**	**SW846 8260B**
Toluene	**10.0**	**11.4**	**ug/L**	**114**		**SW846 8260B**
	10.0	**10.6**	**ug/L**	**106**	**6.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(84 - 115)
	99	(84 - 115)
Dibromofluoromethane	111	(81 - 115)
	107	(81 - 115)
1,2-Dichloroethane-d4	102	(71 - 127)
	102	(71 - 127)
4-Bromofluorobenzene	112	(74 - 117)
	108	(74 - 117)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KJL5R1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C140000-303
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Carbon tetrachloride	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**

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

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 #...: SL729 **Work Order #...:** KHPDA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270223-001 KHPDA1AE-MSD
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/27/08 **Analysis Date..:** 02/27/08
Prep Batch #...: 8063141
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.48	ug/L	95		SW846 8260B
	ND	10.0	9.57	ug/L	96	0.93	SW846 8260B
Ethylbenzene	ND	10.0	8.89	ug/L	89		SW846 8260B
	ND	10.0	9.02	ug/L	90	1.4	SW846 8260B
1,4-Dioxane	ND	200	217	ug/L	109		SW846 8260B
	ND	200	212	ug/L	106	2.6	SW846 8260B
Vinyl chloride	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	12.1	ug/L	121	7.6	SW846 8260B
Acetone	ND	10.0	8.00	ug/L	80		SW846 8260B
	ND	10.0	7.04	ug/L	70	13	SW846 8260B
Methylene chloride	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.67	ug/L	97	1.7	SW846 8260B
Carbon disulfide	ND	10.0	9.99	ug/L	100		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.4	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.9	ug/L	119	2.4	SW846 8260B
2-Butanone	ND	10.0	9.41	ug/L	94		SW846 8260B
	ND	10.0	9.50	ug/L	95	0.91	SW846 8260B
Chloroform	0.30	10.0	11.2	ug/L	109		SW846 8260B
	0.30	10.0	11.6	ug/L	113	3.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.05	ug/L	91		SW846 8260B
	ND	10.0	9.20	ug/L	92	1.6	SW846 8260B
Propionitrile	ND	50.0	52.4	ug/L	105		SW846 8260B
	ND	50.0	52.1	ug/L	104	0.47	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.19	ug/L	92	3.2	SW846 8260B
1,1,1-Trichloroethane	0.95	10.0	11.6	ug/L	106		SW846 8260B
	0.95	10.0	11.7	ug/L	107	1.1	SW846 8260B
Carbon tetrachloride	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.4	ug/L	114	0.61	SW846 8260B
1,2-Dichloroethane	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.1	ug/L	121	1.1	SW846 8260B
Benzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.1	SW846 8260B
Trichloroethene	0.42	10.0	10.1	ug/L	97		SW846 8260B
	0.42	10.0	10.2	ug/L	98	1.8	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.70	ug/L	87		SW846 8260B
	ND	10.0	8.78	ug/L	88	0.90	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.66	ug/L	87		SW846 8260B
	ND	10.0	8.94	ug/L	89	3.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KHPDA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270223-001 KHPDA1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**8.44**	**ug/L**	**84**		**SW846 8260B**
	ND	**10.0**	**8.29**	**ug/L**	**83**	**1.8**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**48.3**	**ug/L**	**97**		**SW846 8260B**
	ND	**50.0**	**49.6**	**ug/L**	**99**	**2.7**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.48**	**ug/L**	**85**		**SW846 8260B**
	ND	**10.0**	**8.95**	**ug/L**	**90**	**5.5**	**SW846 8260B**
1-Butanol	**ND**	**100**	**70.7**	**ug/L**	**71**		**SW846 8260B**
	ND	**100**	**104**	**ug/L**	**104 p**	**38**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.82**	**ug/L**	**88**		**SW846 8260B**
	ND	**10.0**	**8.89**	**ug/L**	**89**	**0.85**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(70 - 119)
	86	(70 - 119)
Dibromofluoromethane	101	(70 - 124)
	103	(70 - 124)
1,2-Dichloroethane-d4	116	(63 - 133)
	115	(63 - 133)
4-Bromofluorobenzene	88	(66 - 115)
	90	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8B270233 **Work Order #...:** KHPGD1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270233-002 KHPGD1AE-MSD
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 02/28/08 **Analysis Date..:** 02/28/08
Prep Batch #...: 8065333
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	8.47	ug/L	85		SW846 8260B
	ND	10.0	8.72	ug/L	87	2.9	SW846 8260B
Ethylbenzene	ND	10.0	8.53	ug/L	85		SW846 8260B
	ND	10.0	8.81	ug/L	88	3.3	SW846 8260B
1,4-Dioxane	ND	200	212	ug/L	106		SW846 8260B
	ND	200	184	ug/L	92	14	SW846 8260B
Vinyl chloride	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	13.4	ug/L	134	10	SW846 8260B
Acetone	ND	10.0	7.46	ug/L	75		SW846 8260B
	ND	10.0	7.63	ug/L	76	2.2	SW846 8260B
Methylene chloride	5.5	10.0	13.7	ug/L	82		SW846 8260B
	5.5	10.0	13.9	ug/L	84	1.5	SW846 8260B
Carbon disulfide	ND	10.0	8.98	ug/L	90		SW846 8260B
	ND	10.0	9.08	ug/L	91	1.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.8	ug/L	108	1.2	SW846 8260B
2-Butanone	ND	10.0	8.84	ug/L	88		SW846 8260B
	ND	10.0	8.67	ug/L	87	2.0	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.7	ug/L	107	2.9	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	8.49	ug/L	85		SW846 8260B
	ND	10.0	8.64	ug/L	86	1.7	SW846 8260B
Propionitrile	ND	50.0	50.9	ug/L	102		SW846 8260B
	ND	50.0	46.1	ug/L	92	10	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.26	ug/L	83		SW846 8260B
	ND	10.0	8.75	ug/L	88	5.8	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.2	ug/L	102	0.97	SW846 8260B
Carbon tetrachloride	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.3	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.5	ug/L	115	0.87	SW846 8260B
Benzene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.4	ug/L	104	1.4	SW846 8260B
Trichloroethene	ND	10.0	9.14	ug/L	91		SW846 8260B
	ND	10.0	9.41	ug/L	94	2.8	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.00	ug/L	70		SW846 8260B
	ND	10.0	7.19	ug/L	72	2.6	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.11	ug/L	81		SW846 8260B
	ND	10.0	8.07	ug/L	81	0.51	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8B270233 **Work Order #...:** KHPGD1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270233-002 KHPGD1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**7.30**	**ug/L**	**73**		**SW846 8260B**
	ND	**10.0**	**7.46**	**ug/L**	**75**	**2.2**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**46.7**	**ug/L**	**93**		**SW846 8260B**
	ND	**50.0**	**44.1**	**ug/L**	**88**	**5.7**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.66**	**ug/L**	**87**		**SW846 8260B**
	ND	**10.0**	**8.54**	**ug/L**	**85**	**1.3**	**SW846 8260B**
1-Butanol	**ND**	**100**	**71.2**	**ug/L**	**71**		**SW846 8260B**
	ND	**100**	**83.6**	**ug/L**	**84**	**16**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.54**	**ug/L**	**85**		**SW846 8260B**
	ND	**10.0**	**8.73**	**ug/L**	**87**	**2.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(70 - 119)
	86	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
	104	(70 - 124)
1,2-Dichloroethane-d4	112	(63 - 133)
	110	(63 - 133)
4-Bromofluorobenzene	89	(66 - 115)
	88	(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 #...: SL729 **Work Order #...:** KH40V1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C060167-003 KH40V1AE-MSD
Date Sampled...: 03/04/08 **Date Received..:** 03/06/08
Prep Date.....: 03/10/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8071180
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	10.7	ug/L	107	10	SW846 8260B
Chloromethane	ND	10.0	9.79	ug/L	98		SW846 8260B
	ND	10.0	10.9	ug/L	109	11	SW846 8260B
Bromomethane	ND	10.0	12.7	ug/L	127		SW846 8260B
	ND	10.0	17.0	ug/L	170	29	SW846 8260B
		Qualifiers:	a,p,T				
Chloroethane	ND	10.0	13.8	ug/L	138		SW846 8260B
	ND	10.0	14.8	ug/L	148	7.0	SW846 8260B
1,1-Dichloroethene	ND	10.0	8.44	ug/L	84		SW846 8260B
	ND	10.0	9.54	ug/L	95	12	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	15.9	ug/L	80		SW846 8260B
	ND	20.0	17.6	ug/L	88	9.7	SW846 8260B
1,2-Dichloropropane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.8	ug/L	108	2.3	SW846 8260B
Bromodichloromethane	0.11	10.0	10.3	ug/L	101		SW846 8260B
	0.11	10.0	11.0	ug/L	109	7.0	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	8.89	ug/L	89		SW846 8260B
	ND	10.0	9.37	ug/L	94	5.2	SW846 8260B
2-Hexanone	ND	10.0	6.75	ug/L	67		SW846 8260B
	ND	10.0	7.67	ug/L	77	13	SW846 8260B
Chlorobenzene	ND	10.0	8.33	ug/L	83		SW846 8260B
	ND	10.0	8.75	ug/L	88	5.0	SW846 8260B
Bromoform	ND	10.0	7.91	ug/L	79		SW846 8260B
	ND	10.0	8.05	ug/L	81	1.8	SW846 8260B
Ethylbenzene	ND	10.0	8.28	ug/L	83		SW846 8260B
	ND	10.0	9.00	ug/L	90	8.3	SW846 8260B
Styrene	ND	10.0	8.41	ug/L	84		SW846 8260B
	ND	10.0	8.98	ug/L	90	6.5	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	9.33	ug/L	93		SW846 8260B
	ND	10.0	9.78	ug/L	98	4.7	SW846 8260B
Dibromochloromethane	ND	10.0	7.59	ug/L	76		SW846 8260B
	ND	10.0	8.40	ug/L	84	10	SW846 8260B
Allyl chloride	ND	10.0	15.6	ug/L	156		SW846 8260B
		Qualifiers:	a,T				
	ND	10.0	17.5	ug/L	175	11	SW846 8260B
		Qualifiers:	a,T				

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8C060167 **Work Order #...:** KH40V1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C060167-003 KH40V1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	8.02	ug/L	80		SW846 8260B
	ND	10.0	7.96	ug/L	80	0.67	SW846 8260B
1,2-Dibromoethane	ND	10.0	7.04	ug/L	70		SW846 8260B
	ND	10.0	8.04	ug/L	80	13	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	11.0	ug/L	110	17	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	7.04	ug/L	70		SW846 8260B
	ND	10.0	8.06	ug/L	81	14	SW846 8260B
Ethyl methacrylate	ND	10.0	7.72	ug/L	77		SW846 8260B
	ND	10.0	8.22	ug/L	82	6.3	SW846 8260B
Methyl methacrylate	ND	10.0	7.72	ug/L	77		SW846 8260B
	ND	10.0	8.97	ug/L	90	15	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	7.90	ug/L	79		SW846 8260B
	ND	10.0	8.59	ug/L	86	8.3	SW846 8260B
Trichlorofluoromethane	ND	10.0	9.91	ug/L	99		SW846 8260B
	ND	10.0	10.8	ug/L	108	8.2	SW846 8260B
Acetonitrile	ND	50.0	47.8	ug/L	96		SW846 8260B
	ND	50.0	56.6	ug/L	113	17	SW846 8260B
Iodomethane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	12.5	ug/L	125	9.4	SW846 8260B
Vinyl acetate	ND	10.0	8.97	ug/L	90		SW846 8260B
	ND	10.0	10.6	ug/L	106	17	SW846 8260B
Acrolein	ND	50.0	25.1	ug/L	50		SW846 8260B
	ND	50.0	30.4	ug/L	61	19	SW846 8260B
Isobutanol	ND	200	208	ug/L	104		SW846 8260B
	ND	200	207	ug/L	104	0.24	SW846 8260B
Methacrylonitrile	ND	50.0	58.5	ug/L	117		SW846 8260B
	ND	50.0	61.7	ug/L	123	5.4	SW846 8260B
1,4-Dioxane	ND	200	199	ug/L	100		SW846 8260B
	ND	200	228	ug/L	114	13	SW846 8260B
Chloroprene	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	13.0	ug/L	130	11	SW846 8260B
Vinyl chloride	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	12.2	ug/L	122	13	SW846 8260B
Acetone	ND	10.0	7.35	ug/L	73		SW846 8260B
	ND	10.0	8.18	ug/L	82	11	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8C060167 **Work Order #...:** KH40V1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C060167-003 KH40V1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Methylene chloride	ND	10.0	8.74	ug/L	87		SW846 8260B
	ND	10.0	9.72	ug/L	97	11	SW846 8260B
Carbon disulfide	ND	10.0	9.93	ug/L	99		SW846 8260B
	ND	10.0	10.9	ug/L	109	9.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.3	ug/L	113	5.8	SW846 8260B
2-Butanone	ND	10.0	7.91	ug/L	79		SW846 8260B
	ND	10.0	8.51	ug/L	85	7.3	SW846 8260B
Chloroform	3.4	10.0	13.1	ug/L	97		SW846 8260B
	3.4	10.0	13.9	ug/L	105	5.8	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	7.67	ug/L	77		SW846 8260B
	ND	10.0	8.76	ug/L	88	13	SW846 8260B
Propionitrile	ND	50.0	53.8	ug/L	108		SW846 8260B
	ND	50.0	54.4	ug/L	109	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.26	ug/L	83		SW846 8260B
	ND	10.0	8.79	ug/L	88	6.3	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.59	ug/L	96		SW846 8260B
	ND	10.0	10.6	ug/L	106	10	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	11.6	ug/L	116	12	SW846 8260B
Benzene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	10.6	ug/L	106	7.2	SW846 8260B
Trichloroethene	0.69	10.0	9.41	ug/L	87		SW846 8260B
	0.69	10.0	10.5	ug/L	98	11	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.63	ug/L	76		SW846 8260B
	ND	10.0	8.12	ug/L	81	6.2	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.24	ug/L	82		SW846 8260B
	ND	10.0	8.83	ug/L	88	7.0	SW846 8260B
Tetrachloroethene	ND	10.0	7.31	ug/L	73		SW846 8260B
	ND	10.0	7.56	ug/L	76	3.3	SW846 8260B
Tetrahydrofuran	ND	50.0	52.0	ug/L	104		SW846 8260B
	ND	50.0	57.2	ug/L	114	9.5	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	8.21	ug/L	82		SW846 8260B
	ND	10.0	8.50	ug/L	85	3.5	SW846 8260B
1-Butanol	ND	100	67.6	ug/L	68		SW846 8260B
	ND	100	74.5	ug/L	75	9.8	SW846 8260B
Toluene	ND	10.0	8.25	ug/L	83		SW846 8260B
	ND	10.0	8.80	ug/L	88	6.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	79	(70 - 119)
	83	(70 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: F8C060167 **Work Order #...:** KH40V1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C060167-003 KH40V1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(70 - 124)
	98	(70 - 124)
1,2-Dichloroethane-d4	102	(63 - 133)
	106	(63 - 133)
4-Bromofluorobenzene	84	(66 - 115)
	86	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KH6TX1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070109-001 KH6TX1AE-MSD
Date Sampled...: 03/04/08 **Date Received..:** 03/06/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/11/08
Prep Batch #...: 8072072
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.6	ug/L	116	3.0	SW846 8260B
Ethylbenzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.6	ug/L	106	0.56	SW846 8260B
1,4-Dioxane	ND	200	257	ug/L	129		SW846 8260B
	ND	200	354	ug/L	177	32	SW846 8260B
	Qualifiers:		a,p,T				
Vinyl chloride	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.0	ug/L	110	1.1	SW846 8260B
Acetone	ND	10.0	9.03	ug/L	90		SW846 8260B
	ND	10.0	10.3	ug/L	103	13	SW846 8260B
Methylene chloride	2.0	10.0	12.0	ug/L	100		SW846 8260B
	2.0	10.0	12.1	ug/L	101	0.58	SW846 8260B
Carbon disulfide	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.4	ug/L	114	1.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	10.9	ug/L	109	1.3	SW846 8260B
2-Butanone	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.8	SW846 8260B
Chloroform	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.73	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.8	ug/L	108	1.7	SW846 8260B
Propionitrile	ND	50.0	57.6	ug/L	115		SW846 8260B
	ND	50.0	63.1	ug/L	126	9.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.4	ug/L	114	0.35	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.09	SW846 8260B
Carbon tetrachloride	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	10.9	ug/L	109	0.63	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.17	SW846 8260B
Benzene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.95	SW846 8260B
Trichloroethene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.5	ug/L	105	2.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.20	ug/L	92		SW846 8260B
	ND	10.0	9.22	ug/L	92	0.25	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KH6TX1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070109-001 KH6TX1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**10.8**	**ug/L**	**108**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**1.6**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**7.54**	**ug/L**	**75**		**SW846 8260B**
	ND	**10.0**	**7.77**	**ug/L**	**78**	**3.0**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**50.5**	**ug/L**	**101**		**SW846 8260B**
	ND	**50.0**	**53.9**	**ug/L**	**108**	**6.5**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.91**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**10.4**	**ug/L**	**104**	**5.0**	**SW846 8260B**
1-Butanol	**ND**	**100**	**123**	**ug/L**	**123**		**SW846 8260B**
	ND	**100**	**133**	**ug/L**	**133**	**7.9**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(70 - 119)
	97	(70 - 119)
Dibromofluoromethane	109	(70 - 124)
	109	(70 - 124)
1,2-Dichloroethane-d4	109	(63 - 133)
	105	(63 - 133)
4-Bromofluorobenzene	102	(66 - 115)
	106	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL729 **Work Order #...:** KH7101AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C070266-007 KH7101AD-MSD
Date Sampled...: 03/06/08 **Date Received..:** 03/07/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/12/08
Prep Batch #...: 8074303
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Carbon tetrachloride	**ND**	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	ND	**10.0**	**10.4**	**ug/L**	**104**	**1.2**	**SW846 8260B**

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

NOTE(S):

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

Bold print denotes control parameters

PHENOL BY GC

Fluor Hanford Inc

Client Sample ID: B1T4F9

GC Semivolatiles

Lot-Sample #...: F8B270223-010 **Work Order #...:** KHPDR1AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
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	66	(44 - 110)
2-Fluorophenol	69	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4D8

GC Semivolatiles

Lot-Sample #...: F8B270223-011 **Work Order #...:** KHPDT1AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
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	79	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1T4J0

GC Semivolatiles

Lot-Sample #...: F8B270223-012 **Work Order #...:** KHPD81AC **Matrix.....:** WATER
Date Sampled...: 02/26/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
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	54	(44 - 110)
2-Fluorophenol	65	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVR3

GC Semivolatiles

Lot-Sample #...: F8B270239-002 **Work Order #...:** KHPGV1AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
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	78	(44 - 110)
2-Fluorophenol	75	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1RVR7

GC Semivolatiles

Lot-Sample #...: F8B270239-004 **Work Order #...:** KHPG31AC **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
Dilution Factor: 1 **Method.....:** SW846 8040A

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	88	(44 - 110)
2-Fluorophenol	78	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL729 **Work Order #...:** KHWN11AA **Matrix.....:** WATER
MB Lot-Sample #: F8C010000-058

Prep Date.....: 03/01/08
Analysis Date..: 03/05/08 **Prep Batch #...:** 8061058
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	74	(44 - 110)
2-Fluorophenol	76	(37 - 96)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL729 **Work Order #...:** KHWN11AC **Matrix.....:** WATER
LCS Lot-Sample#: F8C010000-058
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**40.0**	**38.0**	**ug/L**	**95**	**SW846 8040A**
4-Chloro-3-methylphenol	**40.0**	**40.4**	**ug/L**	**101**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**40.0**	**38.7**	**ug/L**	**97**	**SW846 8040A**
2-Methylphenol	**40.0**	**37.8**	**ug/L**	**95**	**SW846 8040A**
2,4-Dichlorophenol	**40.0**	**38.5**	**ug/L**	**96**	**SW846 8040A**
2,6-Dichlorophenol	**40.0**	**38.6**	**ug/L**	**96**	**SW846 8040A**
2,4-Dimethylphenol	**40.0**	**38.1**	**ug/L**	**95**	**SW846 8040A**
2,4-Dinitrophenol	**40.0**	**40.8**	**ug/L**	**102**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**40.0**	**40.6**	**ug/L**	**101**	**SW846 8040A**
Dinoseb	**40.0**	**43.6**	**ug/L**	**109**	**SW846 8040A**
2-Nitrophenol	**40.0**	**40.0**	**ug/L**	**100**	**SW846 8040A**
4-Nitrophenol	**40.0**	**42.1**	**ug/L**	**105**	**SW846 8040A**
Pentachlorophenol	**40.0**	**38.4**	**ug/L**	**96**	**SW846 8040A**
Phenol	**40.0**	**38.3**	**ug/L**	**96**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**40.0**	**37.0**	**ug/L**	**93**	**SW846 8040A**
2,4,5-Trichlorophenol	**40.0**	**40.2**	**ug/L**	**100**	**SW846 8040A**
2,4,6-Trichlorophenol	**40.0**	**40.7**	**ug/L**	**102**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	110 *	(50 - 107)
2-Fluorophenol	93 *	(50 - 91)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL729 **Work Order #...:** KHPGV1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270239-002 KHPGV1AF-MSD
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08
Prep Date.....: 03/01/08 **Analysis Date..:** 03/05/08
Prep Batch #...: 8061058
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	38.2	28.0	ug/L	73		SW846 8040A
	ND	38.0	34.0	ug/L	89	19	SW846 8040A
4-Chloro-3-methylphenol	ND	38.2	28.3	ug/L	74		SW846 8040A
	ND	38.0	35.5	ug/L	93 p	23	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	38.2	27.7	ug/L	73		SW846 8040A
	ND	38.0	34.4	ug/L	90 p	21	SW846 8040A
2-Methylphenol	ND	38.2	27.4	ug/L	72		SW846 8040A
	ND	38.0	33.6	ug/L	88	20	SW846 8040A
2,4-Dichlorophenol	ND	38.2	27.1	ug/L	71		SW846 8040A
	ND	38.0	34.0	ug/L	89 p	22	SW846 8040A
2,6-Dichlorophenol	ND	38.2	27.4	ug/L	72		SW846 8040A
	ND	38.0	34.2	ug/L	90 p	22	SW846 8040A
2,4-Dimethylphenol	ND	38.2	26.0	ug/L	68		SW846 8040A
	ND	38.0	31.8	ug/L	84	20	SW846 8040A
2,4-Dinitrophenol	ND	38.2	27.8	ug/L	73		SW846 8040A
	ND	38.0	35.4	ug/L	93 p	24	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	38.2	24.8	ug/L	65		SW846 8040A
	ND	38.0	37.9	ug/L	100 p	42	SW846 8040A
Dinoseb	ND	38.2	25.4	ug/L	66		SW846 8040A
	ND	38.0	40.8	ug/L	107 p	47	SW846 8040A
2-Nitrophenol	ND	38.2	26.4	ug/L	69		SW846 8040A
	ND	38.0	35.6	ug/L	94 p	30	SW846 8040A
4-Nitrophenol	ND	38.2	26.4	ug/L	69		SW846 8040A
	ND	38.0	37.5	ug/L	99 p	35	SW846 8040A
Pentachlorophenol	ND	38.2	24.9	ug/L	65		SW846 8040A
	ND	38.0	34.9	ug/L	92 p	33	SW846 8040A
Phenol	ND	38.2	26.9	ug/L	71		SW846 8040A
	ND	38.0	33.6	ug/L	88 p	22	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	38.2	23.4	ug/L	61		SW846 8040A
	ND	38.0	36.2	ug/L	95 p	43	SW846 8040A
2,4,5-Trichloro-phenol	ND	38.2	27.7	ug/L	73		SW846 8040A
	ND	38.0	35.1	ug/L	92 p	24	SW846 8040A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL729 **Work Order #...:** KHPGV1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F8B270239-002 KHPGV1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**38.2**	**28.5**	**ug/L**	**75**		**SW846 8040A**
	ND	**38.0**	**39.3**	**ug/L**	**103 p**	**32**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(44 - 110)
	103	(44 - 110)
2-Fluorophenol	78	(37 - 96)
	92	(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.

METALS

Fluor Hanford Inc

Client Sample ID: B1RVR2

DISSOLVED Metals

Lot-Sample #...: F8B270239-001 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059112						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPGT1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVR3

TOTAL Metals

Lot-Sample #...: F8B270239-002 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059111						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPGV1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVR6

DISSOLVED Metals

Lot-Sample #...: F8B270239-003 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059112						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPG21AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1RVR7

TOTAL Metals

Lot-Sample #...: F8B270239-004 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059111						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPG31AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1T2X9

DISSOLVED Metals

Lot-Sample #...: F8B270261-001 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059112						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPKE1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1T2Y0

TOTAL Metals

Lot-Sample #...: F8B270261-002 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8059111						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHPKF1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1T2Y6

DISSOLVED Metals

Lot-Sample #...: F8C060167-001 **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072089						
Mercury	ND	0.20	ug/L	SW846 7470A	03/12/08	KH4X21AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1T2Y7

TOTAL Metals

Lot-Sample #...: F8C060167-002 **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072090						
Mercury	ND	0.20	ug/L	SW846 7470A	03/12/08	KH4X71AC
		Dilution Factor: 1		MDL.....: 0.093		

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8B280000-111 **Prep Batch #...:** 8059111						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHQEL1AA
		Dilution Factor: 1				
MB Lot-Sample #: F8C120000-090 **Prep Batch #...:** 8072090						
Mercury	ND	0.20	ug/L	SW846 7470A	03/12/08	KJD9E1AA
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8B280000-112 **Prep Batch #...:** 8059112						
Mercury	ND	0.20	ug/L	SW846 7470A	02/28/08	KHQEN1AA
		Dilution Factor: 1				
MB Lot-Sample #: F8C120000-089 **Prep Batch #...:** 8072089						
Mercury	ND	0.20	ug/L	SW846 7470A	03/12/08	KJD9C1AA
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8B280000-111 **Prep Batch #...:** 8059111							
Mercury	1.00	0.927	ug/L	93	SW846 7470A	02/28/08	KHQEL1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F8C120000-090 **Prep Batch #...:** 8072090							
Mercury	1.00	1.04	ug/L	104	SW846 7470A	03/12/08	KJD9E1AC
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8B280000-112 **Prep Batch #...:** 8059112							
Mercury	1.00	0.915	ug/L	92	SW846 7470A	02/28-02/29/08	KHQEN1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F8C120000-089 **Prep Batch #...:** 8072089							
Mercury	1.00	1.01	ug/L	101	SW846 7470A	03/12/08	KJD9C1AC
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL729 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8B270239-002 **Prep Batch #...:** 8059111									
Mercury									
	ND	1.00	0.923	ug/L	92		SW846 7470A	02/28/08	KHPGV1AG
	ND	1.00	0.894	ug/L	89	3.2	SW846 7470A	02/28/08	KHPGV1AH

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL729 **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8C060167-002 **Prep Batch #...:** 8072090									
Mercury									
	ND	1.00	1.02	ug/L	102		SW846 7470A	03/12/08	KH4X71AG
	ND	1.00	1.01	ug/L	101	0.98	SW846 7470A	03/12/08	KH4X71AH

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL729 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8B270239-001 **Prep Batch #...:** 8059112									
Mercury									
	ND	1.00	1.00	ug/L	100		SW846 7470A	02/28/08	KHPGT1AC
	ND	1.00	0.972	ug/L	97	2.8	SW846 7470A	02/28/08	KHPGT1AD

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL729 **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

MS Lot-Sample #: F8C060167-001 **Prep Batch #...:** 8072089

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	1.00	1.05	ug/L	105		SW846 7470A	03/12/08	KH4X21AC
	ND	1.00	1.00	ug/L	100	4.9	SW846 7470A	03/12/08	KH4X21AD

Dilution Factor: 1

NOTE(S):

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

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1T2Y0

General Chemistry

Lot-Sample #...: F8B270261-002 **Work Order #...:** KHPKF **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	03/18/08	8078209
	Dilution Factor: 1			MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	03/03/08	8063063
	Dilution Factor: 1			MDL.....: 0.18		

Fluor Hanford Inc

Client Sample ID: B1T2Y7

General Chemistry

Lot-Sample #...: F8C060167-002 **Work Order #...:** KH4X7 **Matrix.....:** WATER
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	03/18/08	8078209
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	03/12/08	8073050
		Dilution Factor: 1		MDL.....: 0.18		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol		Work Order #: KJRER1AA		MB Lot-Sample #:	F8C180000-209	
	ND	50.0	ug/L	MCAWW 420.2	03/18/08	8078209
		Dilution Factor: 1				
Total Sulfide		Work Order #: KHWWT1AA		MB Lot-Sample #:	F8C030000-063	
	ND	1.0	mg/L	SW846 9030	03/03/08	8063063
		Dilution Factor: 1				
Total Sulfide		Work Order #: KJGPW1AA		MB Lot-Sample #:	F8C130000-050	
	ND	1.0	mg/L	SW846 9030	03/12/08	8073050
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL729 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #:	KJRER1AC	LCS Lot-Sample#:	F8C180000-209	
	200	186	ug/L	93	MCAWW 420.2	03/18/08	8078209
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KHWWT1AC	LCS Lot-Sample#:	F8C030000-063	
	10.0	9.90 N	mg/L	99	SW846 9030	03/03/08	8063063
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KJGPW1AC	LCS Lot-Sample#:	F8C130000-050	
	10.0	9.50 N	mg/L	95	SW846 9030	03/12/08	8073050
			Dilution Factor: 1				

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL729 **Matrix.....:** WATER
Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #...:		KHPKF1AJ	MS Lot-Sample #: F8B270261-002		
	ND	200	194	ug/L	97	MCAWW 420.2	03/18/08	8078209
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KHPKF1AG	MS Lot-Sample #: F8B270261-002		
	ND	10.0	9.80	mg/L	98	SW846 9030	03/03/08	8063063
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KH4X71AJ	MS Lot-Sample #: F8C060167-002		
	ND	10.0	9.70	mg/L	97	SW846 9030	03/12/08	8073050
			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 #...: F8B270223 **Work Order #...:** KHPKF-SMP KHPKF-DUP **Matrix.....:** WATER

Date Sampled...: 02/25/08 **Date Received..:** 02/27/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #:	F8B270261-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	03/18/08	8078209
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #:	F8B270261-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	03/03/08	8063063
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B270223 **Work Order #...:** KH4X7-SMP KH4X7-DUP **Matrix.....:** WATER

Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide						SD Lot-Sample #:	F8C060167-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	03/12/08	8073050

Dilution Factor: 1