RECEIVED OCTOBER 1, 2007

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

I07-060

Lot #: F7H100369
SDG #: SL705

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

September 28, 2007

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford Inc.
P.O. Box 1000
Richland, Washington 99352
September 28, 2007
Attention: Steve Trent

SDG	:	SL705
Number of Samples	:	51 samples
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	August 20, 2007

II. Introduction

Between between August 3, 2007 and August 17, 2007, 51 samples water samples were received by STL- 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: I07-060, W07-008, I07-062, S07-008

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.

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 28, 2007
SDG: SL705

Volatiles

Batch: 7229230
The D% CCV was (higher recovered) outside the Method criteria (greater than 20% D) for Methylene Chloride and 1-Butanol indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples; The D% CCV was (lower recovered) outside the Method criteria (greater than 20% D) for 2-Chloroethyl vinyl ether (66.8% low) and trans-1,4-Dichloro-2-butene (22.1% low). They are not the target analytes.

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.

1,4-Dioxane failed high in the LCS, Tetrachlorethene failed high in the LCS/LCSD, MS/MSD. However they are not detected above the reporting limits. The RPD for 1,4-Dioxane is (23.8%) outside of the QC limit.
Affected Samples:
F7H090349 (2): B1P840
F7H090349 (3): B1P834
F7H090349 (4): B1P837
F7H090349 (5): B1P843

Batch: 7229274
The D% CCV was (higher recovered) outside the Method criteria (greater than 20% D) for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples; The D% CCV was (lower recovered) outside the Method criteria (greater than 20% D) for 2-Chloroethyl vinyl ether (63.8% low) and tran-1,4-Dichloro-2-butene (26.5% low). They are not the target analytes.

The samples were 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:
F7H090349 (5): B1P843

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 28, 2007
SDG: SL705

Batch: 7235120
The D% CCV was (higher recovered) outside the Method criteria (greater than 20% D) for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples; The D% for Acetone is (26.9% high), it is not detected in the associated; The D% CCV was (lower recovered) outside the Method criteria (greater than 20% D) for 2-Chloroethyl vinyl ether (48.7% low). It is not the target analyte. No further action is required.

The LCS/LCSD RPD for 1-Butanol is outside laboratory QC limits. The recoveries for this analyte are within QC Limits/
Affected Samples:
F7H150315 (1): B1PB31
F7H150318 (1): B1P846
F7H150318 (2): B1P849
F7H150318 (3): B1P850
F7H150318 (4): B1P854
F7H150318 (5): B1P857

Batch: 7241214
The following compounds: Chloroethane and Iodomethane were removed from the initial calibration highest point due to elevated response. The initial calibration still meets the minimum number of points and the reporting limits required. The compounds were removed within TestAmerica's selection of points policy.

D% in ICV for Vinyl acetate (27.4% high) and Carbon Tetrachlorode (29.2% high) exceeded the QC limits. However they are not detected above the reporting limits or not reported in the associated samples.
Affected Samples:
F7H170274 (1): B1PB32
F7H170278 (1): B1P664
F7H170278 (2): B1P638
F7H170278 (4): B1P653
F7H170278 (6): B1P647
F7H170278 (8): B1P641

Batch: 7242477
The MS/MSD RPDs for 2-Butanone and 1-Butanol are not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.

The samples were 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:
F7H170278 (1): B1P664
F7H170278 (2): B1P638
F7H170278 (4): B1P653
F7H170278 (6): B1P647
F7H170278 (8): B1P641

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 28, 2007
SDG: SL705

Volatile Petroleum Hydrocarbons

Batch: 7228200
The surrogate recovery in the LCS is outside laboratory QC limits. The surrogate recoveries in the Method Blank and associated samples are within QC Limits. This excursion is isolated to the LCS. Laboratory method acceptance is demonstrated by acceptable LCS recovery.
Affected Samples:
F7H100369 (1): B1P575
F7H100369 (2): B1P580

ICP Metals

Batch: 7222402
The samples were analyzed at a dilution due to high concentrations of salts. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:
F7H090349 (1): B1P9B0

Batch: 7233293
The MS/MSD recovery for Potassium is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F7H140246 (2): B1P863
F7H140246 (4): B1P867
F7H140246 (6): B1P871
F7H140246 (8): B1P875
F7H140246 (10): B1P879
F7H140246 (12): B1P883
F7H140246 (14): B1PB90

The samples were analyzed at a dilution for all elements due to high concentrations of the target analytes Calcium and Sodium. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7H140246 (2): B1P863
F7H140246 (4): B1P867
F7H140246 (6): B1P871
F7H140246 (8): B1P875
F7H140246 (10): B1P879
F7H140246 (12): B1P883
F7H140246 (14): B1PB90
F7H160277 (10): B1P859
F7H170286 (1): B1P9X0
F7H170286 (2): B1P9R6
F7H170286 (3): B1P9R1
F7H170286 (4): B1P9T1
F7H170286 (5): B1P9W5

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 28, 2007
SDG: SL705

Batch: 7233289
Cadmium and Beryllium were observed in the CCB greater than 3 times the MDL. Associated samples which are either non-detect for the contaminant or exhibit concentrations greater than ten (10) times the concentrations observed in the method blank, do not require re-analysis.
Affected Samples:

F7H140246 (1): B1P862	F7H140246 (7): B1P874
F7H140246 (3): B1P866	F7H140246 (9): B1P878
F7H140246 (5): B1P870	F7H140246 (11): B1P882

The samples were analyzed at a dilution due to high concentrations of the interfering analyte Calcium. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:

F7H140246 (1): B1P862	F7H160277 (2): B1P8N7
F7H140246 (3): B1P866	F7H160277 (3): B1P8T1
F7H140246 (5): B1P870	F7H160277 (4): B1P8P7
F7H140246 (7): B1P874	F7H160277 (5): B1P8K8
F7H140246 (9): B1P878	F7H160277 (6): B1P8L3
F7H140246 (11): B1P882	F7H160277 (7): B1P9K0
F7H140246 (13): B1PB89	F7H160277 (8): B1P9J5
F7H160277 (1): B1P8N2	F7H160277 (9): B1P858

Total Organic Halogens

Batch: 7243375
Due to instrument error, there was a missed CCV injection. This missed CCV was, however, preceded and followed by acceptable CCVs, indicating that the instrument's calibration was consistent throughout the run.
Affected Samples:

F7H140246 (2): B1P863	F7H140246 (10): B1P879
F7H140246 (4): B1P867	F7H140246 (12): B1P883
F7H140246 (6): B1P871	F7H140246 (14): B1PB90
F7H140246 (8): B1P875	F7H160277 (10): B1P859

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.
September 28, 2007
SDG: SL705

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

ICP-MS Metals
Total Organic Carbon
Extractable Petroleum Hydrocarbons

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

Reviewed and approved:

Mike Franks
St. Louis Project Manager

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

METHODS SUMMARY

SL705

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015 MOD	SW846 5030

References:

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

SAMPLE SUMMARY

SL705 : F7H090349

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4KAP	001	B1P9B0	08/03/07	12:58
J4KCP	002	B1P840	08/03/07	13:51
J4KDN	003	B1P834	08/03/07	11:40
J4KED	004	B1P837	08/03/07	10:39
J4KEL	005	B1P843	08/03/07	13:11

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

SL705 : F7H100369

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4M3V	001	B1P575	08/02/07	10:36
J4M31	002	B1P580	08/02/07	12:16

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

SL705 : F7H140246

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4TN7	001	B1P862	08/13/07	10:49
J4TVJ	002	B1P863	08/13/07	10:49
J4TVR	003	B1P866	08/13/07	09:56
J4TVV	004	B1P867	08/13/07	09:56
J4TV2	005	B1P870	08/13/07	12:16
J4TV6	006	B1P871	08/13/07	12:16
J4TV8	007	B1P874	08/13/07	12:25
J4TV9	008	B1P875	08/13/07	12:25
J4TWC	009	B1P878	08/13/07	11:04
J4TWD	010	B1P879	08/13/07	11:04
J4TWE	011	B1P882	08/13/07	11:41
J4TWG	012	B1P883	08/13/07	11:41
J4T40	013	B1PB89	08/13/07	08:30
J4T43	014	B1PB90	08/13/07	08:30

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL705 : F7H150315

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4XMM	001	B1PB31	08/14/07	11:01

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

SL705 : F7H150318

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4XND	001	B1P846	08/14/07	13:41
J4XNE	002	B1P849	08/14/07	13:09
J4XNF	003	B1P850	08/14/07	13:09
J4XNG	004	B1P854	08/14/07	11:46
J4XNH	005	B1P857	08/14/07	11:01

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

SL705 : F7H160277

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4169	001	B1P8N2	08/15/07	09:17
J417D	002	B1P8N7	08/15/07	10:11
J417F	003	B1P8T1	08/15/07	11:18
J417H	004	B1P8P7	08/15/07	11:59
J417J	005	B1P8K8	08/15/07	12:12
J417M	006	B1P8L3	08/15/07	11:29
J417R	007	B1P9K0	08/15/07	10:32
J417V	008	B1P9J5	08/15/07	09:42
J4170	009	B1P858	08/15/07	08:43
J4173	010	B1P859	08/15/07	08:43

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

SL705 : F7H170274

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J4403	001	B1PB32	08/16/07	09:12

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

SL705 : F7H170278

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J441D	001	B1P664	08/16/07	09:12
J441M	002	B1P638	08/16/07	12:36
J441W	003	B1P652	08/16/07	11:19
J442P	004	B1P653	08/16/07	11:19
J4421	005	B1P646	08/16/07	11:19
J4422	006	B1P647	08/16/07	11:19
J4426	007	B1P640	08/16/07	09:54
J4427	008	B1P641	08/16/07	09:54

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

SL705 : F7H170286

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J443C	001	B1P9X0	08/16/07	13:11
J443D	002	B1P9R6	08/16/07	09:17
J443E	003	B1P9R1	08/16/07	10:17
J443F	004	B1P9T1	08/16/07	11:21
J443G	005	B1P9W5	08/16/07	13:17

NOTE(S):

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

SDG# SL705

FLUOR HANFORD

Cul HBS 8-4-07
SL705 ~~2159~~ 2160

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-43

Page 1 of 1

Collector R.T. SICKLE	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. W07-008	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, AUGUST 2007	HWF-N-506-6	Ice Chest No. 121405 Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7991 8758 3032
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9B0 (F)		W	8-3-07	1250	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9B1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R.T. SICKLE			AUG 0 3 2007 1400	FedEx			
Relinquished By: FED EX			Date/Time: 8-4-07	Received By: Angela Buson			Date/Time: 8-4-07 8:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

8 8 2 2 6 5

SDG# SL705

FLUOR HANFORD SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-535

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No.: SAW 115 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 8743 5914
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P840		W	8-3-07	1351	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P840		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			AUG 03 2007 1400	FED EX			
Relinquished By: Fed Ex			8-4-07	Received By: Angela Buson			8-4-07 8:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

9 0 2 6 5

SDG# SL705

FLUOR HANFORD SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-523

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HWF-N-506 9	Ice Chest No.: SAWS115 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 8743 5914
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P834		W	8-3-07	1140	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P834		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			AUG 03 2007 1100	FED EX			
Relinquished By: FED EX			Date/Time: 8-4-07	Received By: Angela Brown			Date/Time: 8-4-07 8:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

0 0 0 2 6 5

SDG# SL7405

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-529

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No. Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7994 8743 5914
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P837		W	8-3-07	1039	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P837		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			AUG 03 2007 1400	FED EX			
Relinquished By: FEDEX			8-4-07	Received By: Angela Brown			8-4-07 8:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

1 of 1

265

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-541

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No.: SAW 115 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 8743 5914
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P843		W	8-3-07	1311	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P843		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			AUG 03 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			8-4-07	Angela Parson			8-4-07 8:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	799187583032	**Reference**	121-405
Signed for by	A.BROWN	**Destination**	Earth City, MO
Ship date	Aug 3, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 4, 2007 8:04 AM	**Service type**	Priority Overnight
		Weight	17.0 lbs.

Status Delivered

Signature image available No

Date/Time		Activity	Location	Details
Aug 4, 2007	8:04 AM	**Delivered**	Earth City, MO	
	7:12 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:06 AM	At local FedEx facility	EARTH CITY, MO	
	4:48 AM	At dest sort facility	BERKELEY, MO	
	3:55 AM	Departed FedEx location	MEMPHIS, TN	
	1:00 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 3, 2007	5:17 PM	Left origin	PASCO, WA	
	3:56 PM	Picked up	PASCO, WA	
	3:35 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments
Detailed Results

Quick Help

Tracking number	799687435914	**Reference**	saws115
Signed for by	A.BROWN	**Destination**	Earth City, MO
Ship date	Aug 3, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 4, 2007 8:04 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available No

Date/Time		Activity	Location	Details
Aug 4, 2007	8:04 AM	**Delivered**	Earth City, MO	
	7:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:10 AM	At local FedEx facility	EARTH CITY, MO	
	4:48 AM	At dest sort facility	BERKELEY, MO	
	3:55 AM	Departed FedEx location	MEMPHIS, TN	
	1:00 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 3, 2007	5:17 PM	Left origin	PASCO, WA	
	4:18 PM	Package data transmitted to FedEx		
	3:56 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL

Lot #(s): F7H040122
F7H090349

- 2160 -

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 74337, 74408
COC/RFA No: W07-008/S07-008
Initiated By: AB
Date: 8-04-07
Time: 8:15
AB 8-4-07

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7991 8758 3032
2. 7996 8743 5914
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)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

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

Notes:
W07-008-43, 535, 523, 529

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: _____ Date: 08-13-07

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

SDG# SL7265

FLUOR HANFORD SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-060-3**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-060	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100NR2IAM-LOI, AUGUST 2007	HNF-N-506-6	**Ice Chest No.** SML-125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7907 9760 5589
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P575		W	8-2-07	1036	1x20-mL P	Activity Scan	None
B1P575		W	↓	↓	3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P575		W	↓	↓	4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		8-2-07 02 1430 AUG 07 2007	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
	RDE		8-3-07	B-R-C			8/3/07 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

9 0 2 6 5

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-060-7

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-060	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM-LOI, AUGUST 2007	HNF-N-506-6	Ice Chest No. SML-125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7907 9960 5584
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P580		W	8-2-07	1216	1x20-mL P	Activity Scan	None
B1P580		W	↓	↓	3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P580		W	↓	↓	4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		8-2-07 1430 AUG 08 2007	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
	FedEx		8-3-07				8/3/07 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

27 PR 265

Track Shipments
Detailed Results

Quick Help

Tracking number	790797605589	**Reference**	SML125
Signed for by	B.DANIEL	**Destination**	Earth City, MO
Ship date	Aug 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 3, 2007 9:15 AM	**Service type**	Priority Overnight
		Weight	57.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 3, 2007	9:15 AM	**Delivered**	Earth City, MO	
	9:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:08 AM	At local FedEx facility	EARTH CITY, MO	
	6:19 AM	At dest sort facility	BERKELEY, MO	
	4:07 AM	Departed FedEx location	MEMPHIS, TN	
	2:18 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 2, 2007	5:32 PM	Left origin	PASCO, WA	
	3:26 PM	Picked up	PASCO, WA	
	3:10 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL

Lot #(s): F7H040117
119
F7H100369

- 2121 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76337, 75995,
COC/RFA No: see below
Initiated By: BO
Date: 8/3/07
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7903 0624 1400
2. 7907 9760 5589
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)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	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. 507-007-210, 218, 507-008-37
2. 507-060-3, 7

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: 08-13-07

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

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-5**

Page 1 of 1

Collector Fluor Hanford F. M. HALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HWF-W-506 7 Pg.73	**Ice Chest No.** GRP-03-02 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1314 6854
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P862 (F)		W	8-13-07	1049	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P863		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P863		W			1x20-mL P	Activity Scan	None
B1P863		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P863		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			AUG 13 2007 1400	FEd EX			AUG 13 2007
Relinquished By			Date/Time	Received By			Date/Time
FedEx			8-14-07 09:00	B			8/14/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-8**

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 7 pg 73	Ice Chest No.: GRP-03-012 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1314 6684
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P866 (F)		W	8/13/07	0956	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P867		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P867		W			1x20-mL P	Activity Scan	None
B1P867		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P867		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford F. M. HALL	AUG 13 2007 1400	FEd EX	AUG 13 2007
Fed Ex	8-14-07		8/14/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-11**

Page 1 of 1

Collector Fluor Hanford F. M. HALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 7 Pg 73	**Ice Chest No.** GRP-03-012 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79031314 6684
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P870 (F)		W	8-13-07	1216	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P871		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P871		W			1x20-mL P	Activity Scan	None
B1P871		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P871		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Received By
Print: Fluor Hanford F. M. HALL; Sign: [signature]; Date/Time: AUG 13 2007 1400	Print: FEd EX; Sign: ; Date/Time: AUG 13 2007
Relinquished By: FEd Ex; Date/Time: 8-14-07 09:00	Received By: [signature]; Date/Time: 8/14/07 0900
Relinquished By; Date/Time	Received By; Date/Time
Relinquished By; Date/Time	Received By; Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-14

Page 1 of 1

Collector: K. Hulse	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code: GRP-03-012
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No.: ~~HNL 24~~ RAP Temp.: 0113/07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1314 6684
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P874 (F)		W	8-13-07	1225	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P875		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P875		W			1x20-mL P	Activity Scan	None
B1P875		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P875		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K. Hulse			AUG 13 2007 1400	FED EX			
FED EX			8-14-07 09:00				8/14/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-17

Page 1 of 1

Collector: K. Hulse	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code: CRP-03-012
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No.: SAL24 Temp: 8/13/07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1314 6684
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P878 (F)		W	8-13-07	1104	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P879		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P879		W			1x20-mL P	Activity Scan	None
B1P879		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P879		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K. Hulse			AUG 13 2007 1400	FED Ex			
FED Ex			8-14-07 09:00				8/14/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-20

Page 1 of 1

Collector: K. Uhlse	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code: G-RP-03-012
Project Title: RCRA, AUGUST 2007	~~HNF~~ HNF-N-506 P	Ice Chest No.: ~~SAL 24~~ Temp.: 8/13/07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1314 6684
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P882 (F)		W	8-13-07	1141	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P883		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P883		W			1x20-mL P	Activity Scan	None
B1P883		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P883		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
K. Uhlse	AUG 13 2007 1400	FED EX	
FEDEX	8-14-07 09:00	B-1	8/14/07 0900

Matrix *

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

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

TestAmerica St. Louis

35 of 265

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-695

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code: GRP-07-012
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No.: ~~SHC 29~~ Temp: 8/13/07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1314 6684
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PB89		W	8-13-07	0830	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1PB90		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1PB90		W			1x20-mL P	Activity Scan	None
B1PB90		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1PB90		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			AUG 13 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			8-13-07 09:00				8/14/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	790313146684	**Reference**	GRP-03-012
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Aug 13, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 14, 2007 9:03 AM	**Service type**	Priority Overnight
		Weight	86.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 14, 2007	9:03 AM	**Delivered**	Earth City, MO	
	7:25 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:15 AM	At local FedEx facility	EARTH CITY, MO	
	6:18 AM	At dest sort facility	BERKELEY, MO	
	4:12 AM	Departed FedEx location	MEMPHIS, TN	
	12:53 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 13, 2007	5:24 PM	Left origin	PASCO, WA	
	4:51 PM	Package data transmitted to FedEx		
	4:15 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL

Lot #(s): F7H140246

- 3035 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76408
COC/RFA No: W07-008-5, 8, 11, 14, 17, 20, 695
Initiated By: bl
Date: 8/14/07
Time: 0900

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7963 1314 6684
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)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	(Y) N N/A	Was sample received with proper pH[1] ? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

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

Notes:

W07-008-5, 8, 11, 14, 17, 20, 695

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: 08-20-07

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

SDG# SL705

FLUOR HANFORD
SL705
Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-008-40

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SMC-538 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 791740826899
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PB31		W	8/14/07	1101	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool-4C
B1PB31		W	↓	↓	1x20-mL P	Activity Scan	None

D.L. Wall 8/14/07

Relinquished By	Date/Time	Received By	Date/Time
Fluor Hanford R. T. SICKLE (Print / Sign)	AUG 14 2007 1430	FEDEX (Print / Sign)	
FEDEX	8-15-07 09:00	B-A	8/15/07 0900

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	791740826899	**Reference**	SML-538
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Aug 14, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 15, 2007 9:02 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 15, 2007	9:02 AM	**Delivered**	Earth City, MO	
	7:02 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:49 AM	At local FedEx facility	EARTH CITY, MO	
	5:26 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:58 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 14, 2007	4:13 PM	Picked up	PASCO, WA	
	4:02 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL

Lot #(s): FH150315, 318

- 3039 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76337, 76406
COC/RFA No: See below
Initiated By: BD
Date: 8/15/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7917 4082 6699
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	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: S07-008-40, W07-008-547, 553, 554, 559, 565

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: 08-20-07

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

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-547

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML-538 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7917 4082 6899
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P846		W	8/14/07	1341	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P846		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wall 8/14/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 14 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			8-15-07 09:00	8-[illegible]			8/15/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD
SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-553

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	logbook: HNF-N-506-8	Ice Chest No.: SML-538 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7917 4082 6899
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P849		W	8/14/07	1309	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P849		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wall 8/14/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 14 2007 1430				
Relinquished By			Date/Time	Received By			Date/Time
FID			8-15-07 09:00				8/15/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil		DS	= Drum Solid	
SE	= Sediment		DL	= Drum 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

43 of 265

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-554

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML-538 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7917 4082 6899
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P850		W	8/14/07	1309	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool-4C
B1P850		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 8/14/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 14 2007 1430	FedEx			
FedEx			8-15-07 09:00				8/15/07 0900

Matrix *

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

Relinquished By	Date/Time	Received By	Date/Time

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-559

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No. SML-538 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 791740826899
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P854		W	8/14/07	1146	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P854		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 8/14/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 14 2007 1430	FEDEX			
RUEX			8-15-07 09:00	8-[illegible]			8/15/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG # SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-565

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-538 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 791740826899
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P857		W	8/14/07	1101	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P857		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 8/14/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 14 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
PODE			8-15-07 09:00				8/15/07 09:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	791740826899	**Reference**	SML-538
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Aug 14, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 15, 2007 9:02 AM	**Service type**	Priority Overnight
		Weight	31.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 15, 2007	9:02 AM	**Delivered**	Earth City, MO	
	7:02 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:49 AM	At local FedEx facility	EARTH CITY, MO	
	5:26 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:58 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 14, 2007	4:13 PM	Picked up	PASCO, WA	
	4:02 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL

Lot #(s): FH150315 (SLB)

- 3039 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76337, 76408
COC/RFA No: See below
Initiated By: BD
Date: 8/15/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7917 4082 6899
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	(Y) N	Are there custody seals present on bottles?
6.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	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: S07-008-40, W07-008-547, 553, 554, 559, 565

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: _____ Date: 08-20-07

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

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-2**

Page 1 of 1

Collector Fluor Hanford F.M. HALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** LW. 8/15/07
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** BSML-24 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7923 9744 8349
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P858 (F)		W	8/15/07	0843	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P859		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P859		W			1x20-mL P	Activity Scan	None
B1P859		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P859		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

L. Wade

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F.M. HALL			AUG 15 2007 1430	FEDEX			
RD Ec			08-16-07 09:30				08.16.07 0930

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-179**

Page 1 of 1

Collector Roy Shepard Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 9	**Ice Chest No.** SML 29 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7923 9744 8349
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8N2 (F)		W	8-15-07	0917	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8N3		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard Fluor Hanford			AUG 15 2007 1440	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex			08-16-07 09:30				08-16-07 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

8-20-07 SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-187

Collector Roy Shepard, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 a	**Ice Chest No.** JML 24 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79239744 8349
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8N7 (F)		W	8-15-07	1011	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8N8		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Shepard, Fluor Hanford	AUG 15 2007 1400	FED EX	
ROEY	08-16-07 09:30	[signature]	08.16.07 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

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-219

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 9	Ice Chest No. SML 24 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 792397448349
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8T1 (F)		W	8-15-07	1118	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8T2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Roy Shepard, Fluor Hanford	AUG 15 2007 1400	FED EX	
FED EX	08-20-07 09:30	[signature]	08.16.07 0930

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

Roy Shepard

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-203**

Page 1 of 1

Collector Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site NL 8-15-07	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	~~HNF~~ HNF-N-506 9	**Ice Chest No.** SMC 24 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7923974483 49
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8P7 (F)		W	8-15-07	1159	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8P8		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard Fluor Hanford			AUG 15 2007 1400	FED Ex			
FED Ex			08.20.07 09:30	[illegible]			08.16.07 0930

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

56

FLUOR HANFORD

SL705

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-147

Page 1 of 1

Collector: F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML-24 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 79239744 8349
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8K8 (F)		W	8/15/07	1212	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8K9		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wood 8/15/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			AUG 15 2007 1430	FEDEX			
Relinquished By: Reg Ex			08-16-07 09:30	Received By: [signature]			08.16.07 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-155

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML-24 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 9744 8349
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P8L3 (F)		W	8/15/07	1129	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8L4		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wall 8/15/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			AUG 15 2007 1430	FEDEX			
Fed Ex			8-16-07 09:30				08.16.07 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

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-139**

Page 1 of 1

Collector Fluor Hanford ~~F. M. HALL~~	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-24 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79239744 8349
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9K0 (F)		W	8/15/07	1032	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9K1		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wood 8/15/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			AUG 15 2007 1430	FEDEX			
RD Ex			08-16-07 09:30				08.16.07 0930

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-131

Collector Fluor Hanford F. M. HALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-24 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79239744 8349
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9J5 (F)		W	8/15/07	0942	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9J6		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 8/15/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			AUG 15 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FED Ex			08.20.07 09:50				08.16.07 0930
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum 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
Detailed Results

Quick Help

Tracking number	792397448349	**Reference**	SML-24
Signed for by	A.BRUSON	**Destination**	Earth City, MO
Ship date	Aug 15, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 16, 2007 9:23 AM	**Service type**	Priority Overnight
		Weight	56.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 16, 2007	9:23 AM	**Delivered**	Earth City, MO	
	7:12 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:05 AM	At local FedEx facility	EARTH CITY, MO	
	5:13 AM	At dest sort facility	BERKELEY, MO	
	4:24 AM	Departed FedEx location	MEMPHIS, TN	
Aug 15, 2007	5:20 PM	Left origin	PASCO, WA	
	4:02 PM	Picked up	PASCO, WA	
	3:06 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7H160277

Condition Upon Receipt Form

Client: Hanford
Quote No: 76108
COC/RFA No: below
Initiated By: SW
Date: 08.16.07
Time: 0930

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. none (missing)
2.
3.
4. 7923-9744-8349 18.2WD
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

W07-008-179
187
219
203
147
155
139
131
2

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: 08-20-07

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

SDG# SL705

FLUOR HANFORD

76337 SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-008-41

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0217
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PB32		W	8/16/07	0912	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1PB32		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wells 8/16/07

Relinquished By	Date/Time	Received By	Date/Time
Print: Fluor Hanford R. T. SICKLE Sign:	AUG 16 2007 1430	FEDEX	
FEDEX	8-17-07 09:15	Sue Mon	08-17-07 0915

Matrix *

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

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

TestAmerica St. Louis

60 of 265

Track Shipments
Detailed Results

Quick Help

Tracking number	790316200217	**Reference**	SML-125
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Aug 16, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 17, 2007 9:20 AM	**Service type**	Priority Overnight
		Weight	54.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 17, 2007	9:20 AM	**Delivered**	Earth City, MO	
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM	At local FedEx facility	EARTH CITY, MO	
	6:05 AM	At dest sort facility	BERKELEY, MO	
	4:12 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 16, 2007	5:22 PM	Left origin	PASCO, WA	
	4:13 PM	Picked up	PASCO, WA	
	3:55 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7H170274 TestAmerica St. Louis
278
286

Condition Upon Receipt Form

Client: Hanford
Quote No:
COC/RFA No: See below
Initiated By:
Date: 08.17.07
Time: 0915

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 7903 1620 0217
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

BIP9N4 recv'd. - no chain

S07-008-41
I07-062-78, 48, 65, 64, 56
W07-008-373, 333, 325, 341, 365

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 08.20.07

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

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

SDG# SL705

FLUOR HANFORD

76407 SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-78

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1-LOL AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0217
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P664		W	8/16/07	0912	1x20-mL P	Activity Scan	None
B1P664		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

R. Wood 8/16/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 16 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			08-17-07 09:15				08.17.07 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705 Fluor Hanford R. T. SICKLE

RW. 8/16/07

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-48

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1-LOL AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0217
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P638		W	8/16/07	1236	1x20-mL P	Activity Scan	None
B1P638		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wells 8/16/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 1 6 2007 1430	FEDEX			
FedEx			08-17-07 09:15				08-17-07 0915

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD SL705

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-65

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOI, AUGUST 2007	Logbook: HNF-N-506 8	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1620 0217
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P652 (F)		W	8/16/07	1119	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P653		W	↓	↓	1x20-mL P	Activity Scan	None
B1P653		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wall 8/16/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 16 2007 1430	FEDEX			
Relinquished By: FEDEX			08-17-07 09:15	Received By			08-17-07 09:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum 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# SL705

FLUOR HANFORD

SL705

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-64

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOI, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1620 0217
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P646 (F)		W	8/16/07	1119	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P647		W	↓		1x20-mL P	Activity Scan	None
B1P647		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wall 8/16/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford R. T. SICKLE	AUG 16 2007 1430	FEDEX	
FEDEX	8-17-07 09:15	[signature]	08-17-07 0915

Matrix *

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

Relinquished By	Date/Time	Received By	Date/Time

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-56

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOI, AUGUST 2007	Logbook: HNF-N-506-8	Ice Chest No.: SML125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1620 017
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P640 (F)		W	8/16/07	0954	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P641		W	↓	↓	1x20-mL P	Activity Scan	None
B1P641		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool-4C

R. Wood 8/16/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford R. T. SICKLE	AUG 16 2007 1430	FEDEX	
FEDEX	08-17-07 0915	[signature]	08-17-07 0915

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	790316200217	**Reference**	SML-125
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Aug 16, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 17, 2007 9:20 AM	**Service type**	Priority Overnight
		Weight	54.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 17, 2007	9:20 AM	**Delivered**	Earth City, MO	
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM	At local FedEx facility	EARTH CITY, MO	
	6:05 AM	At dest sort facility	BERKELEY, MO	
	4:12 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 16, 2007	5:22 PM	Left origin	PASCO, WA	
	4:13 PM	Picked up	PASCO, WA	
	3:55 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7H170274 278 286

Condition Upon Receipt Form

Client: Hanford
Quote No:
COC/RFA No: See below
Initiated By:
Date: 08.17.07
Time: 0915

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 7903 1620 0217
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

B1P9N4 recv'd. - no chain

S07-008-41
I07-062-78, 48, 65, 64, 56
W07-008-373, 333, 325, 341, 365

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 08-20-07

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

SDG# SL705

FLUOR HANFORD 76408 SL705 54

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-373

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 5	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1620 0217
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9X0 (F)		W	8/16/07	1311	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9X1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick, Fluor Hanford			AUG 16 2007 1430	FEDEX			
FEDEX			08-17-07 09:15				08.17.07 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-333

Page 1 of 1

Collector Josh Herrick Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 5	**Ice Chest No.** SMC125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0207
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9R6 (F)		W	8/16/07	0947	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9R7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford		Josh Herrick	AUG 16 2007 1430	FED EX			
RDEX			08-17-07 09:15			Sue Rose	08.17.07 0915

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-325

Collector: Josh Henick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF - 506 5	Ice Chest No.: SML-125 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 1620 0217
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9R1 (F)		W	8/16/07	1017	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9R2		W	↓	1017	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Henick, Fluor Hanford		Josh Henick	AUG 16 2007 1430	Fed Ex			AUG 16 2007
FEDEX			08-17-07 09:15			08-17-07	0915
						08-17-07	

Matrix *

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

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

TestAmerica St. Louis

SDG# SL7205

FLUOR HANFORD SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-341**

Page 1 of 1

Collector Josh Herrick Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 S	**Ice Chest No.** SMLE 125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0217
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9T1 (F)		W	8/16/07	1121	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9T2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford		Josh Herrick	AUG 16 2007 1430		FedEx		AUG 16 2007
FedEx			08-17-07 09:15				08.17.07 09:15

Matrix *

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

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

TestAmerica St. Louis

SDG# SL705

54

FLUOR HANFORD

SL705

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-365**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-8	**Ice Chest No.** SML-125 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903 1620 0217
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P9W5 (F)		W	8/16/07	1317	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9W6		W	↓	↓	1x20-mL P	Activity Scan	None

K. Wells 8/16/07

Relinquished By	Date/Time	Received By	Date/Time
Print: Fluor Hanford R. T. SICKLE Sign:	AUG 16 2007 1430	FEDEX	
FEDEX	08-17-07 09:15	[signature]	08.17.07 0915

Matrix *

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

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

TestAmerica St. Louis

Track Shipments
Detailed Results

Quick Help

Tracking number	790316200217	**Reference**	SML-125
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Aug 16, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Aug 17, 2007 9:20 AM	**Service type**	Priority Overnight
		Weight	54.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Aug 17, 2007	9:20 AM	**Delivered**	Earth City, MO	
	7:11 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:02 AM	At local FedEx facility	EARTH CITY, MO	
	6:05 AM	At dest sort facility	BERKELEY, MO	
	4:12 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Aug 16, 2007	5:22 PM	Left origin	PASCO, WA	
	4:13 PM	Picked up	PASCO, WA	
	3:55 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7H170274 278 280

Condition Upon Receipt Form

Client: Hanford
Quote No:
COC/RFA No: See below
Initiated By:
Date: 08.17.07
Time: 0915

Shipping Information

Shipper Name: FedX
Shipping # (s):*
1. 7903 1620 0217
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

BIP9N4 recv'd. - no chain

S07-008-41
I07-062-78, 48, 65, 64, 56
W07-008-373, 333, 325, 341, 365

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 08-20-07

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

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1P840

GC/MS Volatiles

Lot-Sample #...: F7H090349-002 **Work Order #...:** J4KCP1AC **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
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	**0.12 J**	**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	**0.54 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	88	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	81	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P840

GC/MS Volatiles

Lot-Sample #: F7H090349-002 **Work Order #:** J4KCP1AC **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: B1P834

GC/MS Volatiles

Lot-Sample #...: F7H090349-003 **Work Order #...:** J4KDN1AC **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	79	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

Fluor Hanford Inc

B1P834

GC/MS Volatiles

Lot-Sample #: F7H090349-003 **Work Order #:** J4KDN1AC **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: B1P837

GC/MS Volatiles

Lot-Sample #...: F7H090349-004 **Work Order #...:** J4KED1AC **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	81	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

Fluor Hanford Inc

B1P837

GC/MS Volatiles

Lot-Sample #: F7H090349-004 **Work Order #:** J4KED1AC **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: B1P843

GC/MS Volatiles

Lot-Sample #...: F7H090349-005 **Work Order #...:** J4KEL1AC **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
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
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	**1.6**	**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	**2.5**	**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	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	80	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

Fluor Hanford Inc

B1P843

GC/MS Volatiles

Lot-Sample #: F7H090349-005 **Work Order #:** J4KEL1AC **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: B1P843

GC/MS Volatiles

Lot-Sample #...: F7H090349-005 **Work Order #...:** J4KEL2AC **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7229274
Dilution Factor: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	**150 D**	**10**	**ug/L**	**0.48**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(69 - 119)
Dibromofluoromethane	107	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1PB31

GC/MS Volatiles

Lot-Sample #...: F7H150315-001 **Work Order #...:** J4XMM1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**6.5**	**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	102	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	101	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

Fluor Hanford Inc

B1PB31

GC/MS Volatiles

Lot-Sample #: F7H150315-001 **Work Order #:** J4XMM1AC **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: B1P846

GC/MS Volatiles

Lot-Sample #...: F7H150318-001 **Work Order #...:** J4XND1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

Fluor Hanford Inc

B1P846

GC/MS Volatiles

Lot-Sample #: F7H150318-001 **Work Order #:** J4XND1AC **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: B1P849

GC/MS Volatiles

Lot-Sample #...: F7H150318-002 **Work Order #...:** J4XNE1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
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	**3.4**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

Fluor Hanford Inc

B1P849

GC/MS Volatiles

Lot-Sample #: F7H150318-002 **Work Order #:** J4XNE1AC **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: B1P850

GC/MS Volatiles

Lot-Sample #...: F7H150318-003 **Work Order #...:** J4XNF1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
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	**3.6**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

Fluor Hanford Inc

B1P850

GC/MS Volatiles

Lot-Sample #: F7H150318-003 **Work Order #:** J4XNF1AC **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: B1P854

GC/MS Volatiles

Lot-Sample #...: F7H150318-004 **Work Order #...:** J4XNG1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

Fluor Hanford Inc

B1P854

GC/MS Volatiles

Lot-Sample #: F7H150318-004 **Work Order #:** J4XNG1AC **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: B1P857

GC/MS Volatiles

Lot-Sample #...: F7H150318-005 **Work Order #...:** J4XNH1AC **Matrix.....:** WATER
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

Fluor Hanford Inc

B1P857

GC/MS Volatiles

Lot-Sample #: F7H150318-005 **Work Order #:** J4XNH1AC **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: B1PB32

GC/MS Volatiles

Lot-Sample #...: F7H170274-001 **Work Order #...:** J44032AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

Fluor Hanford Inc

B1PB32

GC/MS Volatiles

Lot-Sample #: F7H170274-001 **Work Order #:** J44032AC **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: B1P664

GC/MS Volatiles

Lot-Sample #...: F7H170278-001 **Work Order #...:** J441D1AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acrolein	ND	10	ug/L	0.44
Acetonitrile	ND	5.0	ug/L	1.5
Bromodichloromethane	**4.6**	**1.0**	**ug/L**	**0.064**
Bromoform	ND	1.0	ug/L	0.12
Bromomethane	**1.4 J**	**2.0**	**ug/L**	**0.085**
Chlorobenzene	ND	1.0	ug/L	0.10
Chloroprene	ND	1.0	ug/L	0.10
Dibromochloromethane	**0.72 J**	**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	**1.9 J**	**2.0**	**ug/L**	**0.10**
Allyl chloride	ND	2.0	ug/L	0.047
1,2-Dibromoethane	ND	1.0	ug/L	0.13
Dibromomethane	ND	1.0	ug/L	0.12
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	0.43
Dichlorodifluoromethane	ND	2.0	ug/L	0.045
1,1-Dichloroethene	**0.41 J**	**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: B1P664

GC/MS Volatiles

Lot-Sample #...: F7H170278-001 **Work Order #...:** J441D1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**0.19 J,B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	**3.9**	**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	**38**	**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	**7.2**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**6.4**	**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	88	(69 - 119)
Dibromofluoromethane	77	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1P664

GC/MS Volatiles

Lot-Sample #: F7H170278-001 **Work Order #:** J441D1AC **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: B1P664

GC/MS Volatiles

Lot-Sample #...: F7H170278-001 **Work Order #...:** J441D2AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon disulfide	**1100 D**	**100**	**ug/L**	**10**
Benzene	ND D	100	ug/L	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P638

GC/MS Volatiles

Lot-Sample #...: F7H170278-002 **Work Order #...:** J441M1AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	**0.24 J**	**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	**0.12 J,B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	**1.1**	**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	**22**	**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	**11**	**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	**1.6**	**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	(69 - 119)
Dibromofluoromethane	79	(74 - 134)
1,2-Dichloroethane-d4	98	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1P638

GC/MS Volatiles

Lot-Sample #: F7H170278-002 **Work Order #:** J441M1AC **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: B1P638

GC/MS Volatiles

Lot-Sample #...: F7H170278-002 **Work Order #...:** J441M2AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**590 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	90	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P653

GC/MS Volatiles

Lot-Sample #...: F7H170278-004 **Work Order #...:** J442P1AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	**0.23 J**	**1.0**	**ug/L**	**0.045**
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**0.20 J,B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	**1.2**	**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
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	**8.2**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**2.9**	**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	(69 - 119)
Dibromofluoromethane	76	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1P653

GC/MS Volatiles

Lot-Sample #: F7H170278-004 **Work Order #:** J442P1AC **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: B1P653

GC/MS Volatiles

Lot-Sample #...: F7H170278-004 **Work Order #...:** J442P2AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chloroform	**24 J,D**	**100**	**ug/L**	**10**
Carbon tetrachloride	**1200 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P647

GC/MS Volatiles

Lot-Sample #...: F7H170278-006 **Work Order #...:** J44221AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	**0.17 J**	**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	**0.15 J,B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	**0.76 J**	**1.0**	**ug/L**	**0.10**
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**44**	**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	**8.1**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**2.0**	**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	(69 - 119)
Dibromofluoromethane	76	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

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

Fluor Hanford Inc

B1P647

GC/MS Volatiles

Lot-Sample #: F7H170278-006 **Work Order #:** J44221AC **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: B1P647

GC/MS Volatiles

Lot-Sample #...: F7H170278-006 **Work Order #...:** J44222AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**810 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P641

GC/MS Volatiles

Lot-Sample #...: F7H170278-008 **Work Order #...:** J44271AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	**0.21 J**	**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	**0.61 J**	**1.0**	**ug/L**	**0.10**
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**36**	**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	**7.6**	**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	**2.3**	**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	88	(69 - 119)
Dibromofluoromethane	74	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P641

GC/MS Volatiles

Lot-Sample #: F7H170278-008 **Work Order #:** J44271AC **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: B1P641

GC/MS Volatiles

Lot-Sample #...: F7H170278-008 **Work Order #...:** J44272AC **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**1200 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	90	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5CF21AA **Matrix.....:** WATER
MB Lot-Sample #: F7H170000-230

Prep Date.....: 08/14/07
Analysis Date..: 08/14/07 **Prep Batch #...:** 7229230
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	87	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	83	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7H170000-230 B **Work Order #:** J5CF21AA **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 #...: SL705 **Work Order #...:** J5D511AA **Matrix.....:** WATER
MB Lot-Sample #: F7H170000-274

Prep Date.....: 08/15/07
Analysis Date..: 08/15/07 **Prep Batch #...:** 7229274
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(69 - 119)
Dibromofluoromethane	102	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5FEV1AA **Matrix.....:** WATER
MB Lot-Sample #: F7H230000-120

Prep Date.....: 08/22/07
Analysis Date..: 08/22/07 **Prep Batch #...:** 7235120
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	103	(69 - 119)
Dibromofluoromethane	96	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7H230000-120 B **Work Order #:** J5FEV1AA **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 #...: SL705 **Work Order #...:** J5XFH1AA **Matrix.....:** WATER
MB Lot-Sample #: F7H290000-214

Prep Date.....: 08/27/07
Analysis Date..: 08/27/07 **Prep Batch #...:** 7241214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	20	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetonitrile	ND	5.0	ug/L	SW846 8260B
Acrolein	ND	10	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Allyl chloride	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	2.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isobutanol	ND	80	ug/L	SW846 8260B
Methacrylonitrile	ND	5.0	ug/L	SW846 8260B
Methyl methacrylate	ND	1.0	ug/L	SW846 8260B
Styrene	**0.11 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.11 J**	**1.0**	**ug/L**	**SW846 8260B**

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5XFH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
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	92	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7H290000-214 B **Work Order #:** J5XFH1AA **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 #...: SL705 **Work Order #...:** J50NN1AA **Matrix.....:** WATER
MB Lot-Sample #: F7H300000-477

Prep Date.....: 08/28/07
Analysis Date..: 08/28/07 **Prep Batch #...:** 7242477
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	90	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7H300000-477 B **Work Order #:** J50NN1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5CF21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H170000-230 J5CF21AD-LCSD
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.81	ug/L	98		SW846 8260B
	10.0	10.2	ug/L	102	3.4	SW846 8260B
Ethylbenzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	10.3	ug/L	103	3.1	SW846 8260B
1,4-Dioxane	200	298 a	ug/L	149		SW846 8260B
	200	235 p	ug/L	118	24	SW846 8260B
Vinyl chloride	10.0	11.4	ug/L	114		SW846 8260B
	10.0	11.4	ug/L	114	0.0	SW846 8260B
Acetone	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.61	ug/L	96	2.4	SW846 8260B
Methylene chloride	10.0	9.19	ug/L	92		SW846 8260B
	10.0	9.56	ug/L	96	3.9	SW846 8260B
Carbon disulfide	10.0	11.8	ug/L	118		SW846 8260B
	10.0	12.1	ug/L	121	3.1	SW846 8260B
1,1-Dichloroethane	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.89	ug/L	99	1.7	SW846 8260B
2-Butanone	10.0	11.1	ug/L	111		SW846 8260B
	10.0	11.0	ug/L	110	0.90	SW846 8260B
Chloroform	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.35	ug/L	93	0.84	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.77	ug/L	98		SW846 8260B
	10.0	9.91	ug/L	99	1.4	SW846 8260B
Propionitrile	50.0	55.4	ug/L	111		SW846 8260B
	50.0	50.0	ug/L	100	10	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	2.7	SW846 8260B
1,1,1-Trichloroethane	10.0	9.31	ug/L	93		SW846 8260B
	10.0	9.41	ug/L	94	1.0	SW846 8260B
Carbon tetrachloride	10.0	9.65	ug/L	96		SW846 8260B
	10.0	9.91	ug/L	99	2.7	SW846 8260B
1,2-Dichloroethane	10.0	8.90	ug/L	89		SW846 8260B
	10.0	8.68	ug/L	87	2.5	SW846 8260B
Benzene	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.80	ug/L	98	0.38	SW846 8260B
Trichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.3	ug/L	103	0.29	SW846 8260B
4-Methyl-2-pentanone	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.6	ug/L	106	4.1	SW846 8260B
1,1,2-Trichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.94	ug/L	99	2.5	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5CF21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H170000-230 J5CF21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**12.4**	**ug/L**	**124**		**SW846 8260B**
	10.0	**13.7 a**	**ug/L**	**137**	**10**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**54.6**	**ug/L**	**109**		**SW846 8260B**
	50.0	**52.4**	**ug/L**	**105**	**4.1**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.46**	**ug/L**	**95**		**SW846 8260B**
	10.0	**9.64**	**ug/L**	**96**	**1.9**	**SW846 8260B**
1-Butanol	**100**	**131**	**ug/L**	**131**		**SW846 8260B**
	100	**139**	**ug/L**	**139**	**5.8**	**SW846 8260B**
Toluene	**10.0**	**9.72**	**ug/L**	**97**		**SW846 8260B**
	10.0	**9.96**	**ug/L**	**100**	**2.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	97	(84 - 117)
	95	(84 - 117)
1,2-Dichloroethane-d4	85	(72 - 124)
	84	(72 - 124)
4-Bromofluorobenzene	90	(80 - 121)
	90	(80 - 121)

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.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5D511AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H170000-274 J5D511AD-LCSD
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7229274
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,2-Dichloroethene	**10.0**	**9.43**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.81**	**ug/L**	**98**	**4.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(85 - 121)
	96	(85 - 121)
Dibromofluoromethane	95	(84 - 117)
	100	(84 - 117)
1,2-Dichloroethane-d4	90	(72 - 124)
	94	(72 - 124)
4-Bromofluorobenzene	86	(80 - 121)
	88	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5FEV1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H230000-120 J5FEV1AD-LCSD
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.41	ug/L	94		SW846 8260B
	10.0	9.64	ug/L	96	2.4	SW846 8260B
Ethylbenzene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.96	ug/L	100	1.8	SW846 8260B
1,4-Dioxane	200	208	ug/L	104		SW846 8260B
	200	191	ug/L	95	8.6	SW846 8260B
Vinyl chloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.7	ug/L	107	4.0	SW846 8260B
Acetone	10.0	11.9	ug/L	119		SW846 8260B
	10.0	11.5	ug/L	115	3.7	SW846 8260B
Methylene chloride	10.0	8.94	ug/L	89		SW846 8260B
	10.0	9.05	ug/L	91	1.2	SW846 8260B
Carbon disulfide	10.0	9.99	ug/L	100		SW846 8260B
	10.0	9.97	ug/L	100	0.25	SW846 8260B
1,1-Dichloroethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	11.0	ug/L	110	1.6	SW846 8260B
2-Butanone	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.16	ug/L	92	17	SW846 8260B
Chloroform	10.0	9.85	ug/L	98		SW846 8260B
	10.0	10.3	ug/L	103	4.4	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.61	ug/L	96	1.1	SW846 8260B
Propionitrile	50.0	53.7	ug/L	107		SW846 8260B
	50.0	54.4	ug/L	109	1.2	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.92	ug/L	99		SW846 8260B
	10.0	9.62	ug/L	96	3.0	SW846 8260B
1,1,1-Trichloroethane	10.0	9.22	ug/L	92		SW846 8260B
	10.0	9.18	ug/L	92	0.45	SW846 8260B
Carbon tetrachloride	10.0	8.84	ug/L	88		SW846 8260B
	10.0	8.68	ug/L	87	1.7	SW846 8260B
1,2-Dichloroethane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	11.1	ug/L	111	3.1	SW846 8260B
Benzene	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.8	ug/L	108	1.7	SW846 8260B
Trichloroethene	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.67	ug/L	97	0.61	SW846 8260B
4-Methyl-2-pentanone	10.0	14.0	ug/L	140		SW846 8260B
	10.0	13.9	ug/L	139	1.1	SW846 8260B
1,1,2-Trichloroethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.6	ug/L	106	1.6	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5FEV1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H230000-120 J5FEV1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**11.0**	**ug/L**	**110**		**SW846 8260B**
	10.0	**12.3**	**ug/L**	**123**	**11**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**56.2**	**ug/L**	**112**		**SW846 8260B**
	50.0	**58.8**	**ug/L**	**118**	**4.5**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.36**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.39**	**ug/L**	**94**	**0.32**	**SW846 8260B**
1-Butanol	**100**	**82.1**	**ug/L**	**82**		**SW846 8260B**
	100	**63.4 p**	**ug/L**	**63**	**26**	**SW846 8260B**
Toluene	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	10.0	**10.0**	**ug/L**	**100**	**5.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(85 - 121)
	98	(85 - 121)
Dibromofluoromethane	95	(84 - 117)
	92	(84 - 117)
1,2-Dichloroethane-d4	100	(72 - 124)
	98	(72 - 124)
4-Bromofluorobenzene	88	(80 - 121)
	88	(80 - 121)

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 #...: SL705 **Work Order #...:** J5XFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H290000-214 J5XFH1AD-LCSD
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,3-Dichloropropene	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.2	ug/L	102	9.2	SW846 8260B
Dibromochloromethane	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.9	ug/L	109	2.1	SW846 8260B
Chloromethane	10.0	9.98	ug/L	100		SW846 8260B
	10.0	9.40	ug/L	94	6.0	SW846 8260B
Bromomethane	10.0	12.4	ug/L	124		SW846 8260B
	10.0	12.0	ug/L	120	3.7	SW846 8260B
Chloroethane	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.8	ug/L	108	2.8	SW846 8260B
1,1-Dichloroethene	10.0	9.56	ug/L	96		SW846 8260B
	10.0	10.4	ug/L	104	8.7	SW846 8260B
1,2-Dichloroethene (total)	20.0	20.3	ug/L	101		SW846 8260B
	20.0	20.6	ug/L	103	1.4	SW846 8260B
1,2-Dichloropropane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.82	ug/L	98	4.9	SW846 8260B
Bromodichloromethane	10.0	11.0	ug/L	110		SW846 8260B
	10.0	10.2	ug/L	102	6.8	SW846 8260B
trans-1,3-Dichloropropene	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.2	ug/L	102	6.8	SW846 8260B
2-Hexanone	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.22	ug/L	92	4.1	SW846 8260B
Chlorobenzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	10.0	ug/L	100	3.1	SW846 8260B
Bromoform	10.0	11.4	ug/L	114		SW846 8260B
	10.0	9.94	ug/L	99	14	SW846 8260B
Ethylbenzene	10.0	9.86	ug/L	99		SW846 8260B
	10.0	10.2	ug/L	102	3.3	SW846 8260B
Styrene	10.0	9.71	ug/L	97		SW846 8260B
	10.0	9.56	ug/L	96	1.5	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	10.9	ug/L	109		SW846 8260B
	10.0	9.90	ug/L	99	9.4	SW846 8260B
Allyl chloride	10.0	9.69	ug/L	97		SW846 8260B
	10.0	10.4	ug/L	104	7.0	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.3	ug/L	113		SW846 8260B
	10.0	9.80	ug/L	98	14	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5XFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H290000-214 J5XFH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dibromoethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	9.96	ug/L	100	5.5	SW846 8260B
trans-1,4-Dichloro-2-butene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	0.48	SW846 8260B
Dichlorodifluoromethane (Freon 12)	10.0	9.04	ug/L	90		SW846 8260B
	10.0	9.78	ug/L	98	8.0	SW846 8260B
Ethyl methacrylate	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.2	ug/L	102	2.3	SW846 8260B
Methyl methacrylate	10.0	9.95	ug/L	99		SW846 8260B
	10.0	9.32	ug/L	93	6.5	SW846 8260B
1,1,1,2-Tetrachloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.82	ug/L	98	4.8	SW846 8260B
Trichlorofluoromethane	10.0	9.42	ug/L	94		SW846 8260B
	10.0	8.93	ug/L	89	5.3	SW846 8260B
Acetonitrile	50.0	54.9	ug/L	110		SW846 8260B
	50.0	48.7	ug/L	97	12	SW846 8260B
Iodomethane	10.0	9.87	ug/L	99		SW846 8260B
	10.0	10.2	ug/L	102	3.2	SW846 8260B
Vinyl acetate	10.0	12.6	ug/L	126		SW846 8260B
	10.0	12.7	ug/L	127	1.3	SW846 8260B
Acrolein	50.0	50.9	ug/L	102		SW846 8260B
	50.0	52.0	ug/L	104	2.0	SW846 8260B
Isobutanol	200	208	ug/L	104		SW846 8260B
	200	190	ug/L	95	9.1	SW846 8260B
Methacrylonitrile	50.0	54.7	ug/L	109		SW846 8260B
	50.0	48.9	ug/L	98	11	SW846 8260B
1,4-Dioxane	200	213	ug/L	106		SW846 8260B
	200	232	ug/L	116	8.4	SW846 8260B
Chloroprene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.7	ug/L	107	5.1	SW846 8260B
Vinyl chloride	10.0	9.14	ug/L	91		SW846 8260B
	10.0	9.18	ug/L	92	0.43	SW846 8260B
Acetone	10.0	8.84	ug/L	88		SW846 8260B
	10.0	9.69	ug/L	97	9.1	SW846 8260B
Methylene chloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	11.6	ug/L	116	4.8	SW846 8260B
Carbon disulfide	10.0	9.74	ug/L	97		SW846 8260B
	10.0	11.8	ug/L	118	20	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5XFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H290000-214 J5XFH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethane	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.2	ug/L	102	1.5	SW846 8260B
2-Butanone	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.76	ug/L	98	3.6	SW846 8260B
Chloroform	10.0	10.0	ug/L	100		SW846 8260B
	10.0	10.1	ug/L	101	0.79	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	1.2	SW846 8260B
Propionitrile	50.0	56.9	ug/L	114		SW846 8260B
	50.0	48.5	ug/L	97	16	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.99	ug/L	100		SW846 8260B
	10.0	10.4	ug/L	104	3.9	SW846 8260B
1,1,1-Trichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.1	ug/L	101	1.2	SW846 8260B
1,2-Dichloroethane	10.0	10.5	ug/L	105		SW846 8260B
	10.0	9.36	ug/L	94	11	SW846 8260B
Benzene	10.0	9.91	ug/L	99		SW846 8260B
	10.0	9.68	ug/L	97	2.3	SW846 8260B
Trichloroethene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	10.6	ug/L	106	1.6	SW846 8260B
4-Methyl-2-pentanone	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.3	ug/L	103	0.68	SW846 8260B
1,1,2-Trichloroethane	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.84	ug/L	98	5.5	SW846 8260B
Tetrachloroethene	10.0	9.77	ug/L	98		SW846 8260B
	10.0	10.4	ug/L	104	6.0	SW846 8260B
Tetrahydrofuran	50.0	53.3	ug/L	107		SW846 8260B
	50.0	47.9	ug/L	96	11	SW846 8260B
1,4-Dichlorobenzene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.0	SW846 8260B
1-Butanol	100	119	ug/L	119		SW846 8260B
	100	106	ug/L	106	12	SW846 8260B
Toluene	10.0	9.85	ug/L	99		SW846 8260B
	10.0	10.1	ug/L	101	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(85 - 121)
	100	(85 - 121)
Dibromofluoromethane	100	(84 - 117)
	95	(84 - 117)
1,2-Dichloroethane-d4	100	(72 - 124)
	94	(72 - 124)
4-Bromofluorobenzene	97	(80 - 121)
	96	(80 - 121)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5XFH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H290000-214 J5XFH1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J50NN1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H300000-477 J50NN1AD-LCSD
Prep Date.....: 08/28/07 **Analysis Date..:** 08/28/07
Prep Batch #...: 7242477
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.73	ug/L	97		SW846 8260B
	10.0	9.85	ug/L	98	1.2	SW846 8260B
Ethylbenzene	10.0	9.78	ug/L	98		SW846 8260B
	10.0	9.83	ug/L	98	0.52	SW846 8260B
1,4-Dioxane	200	203	ug/L	101		SW846 8260B
	200	202	ug/L	101	0.29	SW846 8260B
Vinyl chloride	10.0	9.36	ug/L	94		SW846 8260B
	10.0	10.0	ug/L	100	7.0	SW846 8260B
Acetone	10.0	9.87	ug/L	99		SW846 8260B
	10.0	8.88	ug/L	89	11	SW846 8260B
Methylene chloride	10.0	11.5	ug/L	115		SW846 8260B
	10.0	11.1	ug/L	111	4.2	SW846 8260B
Carbon disulfide	10.0	11.2	ug/L	112		SW846 8260B
	10.0	11.3	ug/L	113	0.35	SW846 8260B
1,1-Dichloroethane	10.0	9.58	ug/L	96		SW846 8260B
	10.0	9.62	ug/L	96	0.32	SW846 8260B
2-Butanone	10.0	9.66	ug/L	97		SW846 8260B
	10.0	10.2	ug/L	102	5.2	SW846 8260B
Chloroform	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.57	ug/L	96	1.6	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.80	ug/L	98		SW846 8260B
	10.0	9.76	ug/L	98	0.40	SW846 8260B
Propionitrile	50.0	59.0	ug/L	118		SW846 8260B
	50.0	49.4	ug/L	99	18	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.65	ug/L	96		SW846 8260B
	10.0	9.83	ug/L	98	1.8	SW846 8260B
1,1,1-Trichloroethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.92	ug/L	99	0.85	SW846 8260B
Carbon tetrachloride	10.0	9.88	ug/L	99		SW846 8260B
	10.0	9.85	ug/L	98	0.27	SW846 8260B
1,2-Dichloroethane	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.79	ug/L	98	2.6	SW846 8260B
Benzene	10.0	9.69	ug/L	97		SW846 8260B
	10.0	9.65	ug/L	96	0.45	SW846 8260B
Trichloroethene	10.0	9.28	ug/L	93		SW846 8260B
	10.0	9.09	ug/L	91	2.1	SW846 8260B
4-Methyl-2-pentanone	10.0	9.96	ug/L	100		SW846 8260B
	10.0	9.93	ug/L	99	0.30	SW846 8260B
1,1,2-Trichloroethane	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.58	ug/L	96	0.15	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J50NN1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7H300000-477 J50NN1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	10.0	**10.0**	**ug/L**	**100**	**2.7**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**59.0**	**ug/L**	**118**		**SW846 8260B**
	50.0	**51.8**	**ug/L**	**104**	**13**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.2**	**ug/L**	**102**		**SW846 8260B**
	10.0	**9.46**	**ug/L**	**95**	**7.2**	**SW846 8260B**
1-Butanol	**100**	**94.5**	**ug/L**	**94**		**SW846 8260B**
	100	**86.2**	**ug/L**	**86**	**9.2**	**SW846 8260B**
Toluene	**10.0**	**10.0**	**ug/L**	**100**		**SW846 8260B**
	10.0	**9.84**	**ug/L**	**98**	**1.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	99	(84 - 117)
	95	(84 - 117)
1,2-Dichloroethane-d4	100	(72 - 124)
	95	(72 - 124)
4-Bromofluorobenzene	98	(80 - 121)
	97	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J4KCP1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H090349-002 J4KCP1AE-MSD
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/14/07
Prep Batch #...: 7229230
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.34	ug/L	93		SW846 8260B
	ND	10.0	9.33	ug/L	93	0.12	SW846 8260B
Ethylbenzene	ND	10.0	9.51	ug/L	95		SW846 8260B
	ND	10.0	9.44	ug/L	94	0.72	SW846 8260B
1,4-Dioxane	ND	200	229	ug/L	115		SW846 8260B
	ND	200	244	ug/L	122	6.1	SW846 8260B
Vinyl chloride	ND	10.0	9.29	ug/L	93		SW846 8260B
	ND	10.0	9.14	ug/L	91	1.7	SW846 8260B
Acetone	ND	10.0	8.08	ug/L	81		SW846 8260B
	ND	10.0	7.82	ug/L	78	3.2	SW846 8260B
Methylene chloride	ND	10.0	9.23	ug/L	92		SW846 8260B
	ND	10.0	9.31	ug/L	93	0.86	SW846 8260B
Carbon disulfide	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.37	ug/L	94	0.73	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.49	ug/L	95		SW846 8260B
	ND	10.0	9.55	ug/L	96	0.63	SW846 8260B
2-Butanone	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.79	SW846 8260B
Chloroform	ND	10.0	8.88	ug/L	89		SW846 8260B
	ND	10.0	9.05	ug/L	90	2.0	SW846 8260B
cis-1,2-Dichloroethene	0.12	10.0	9.33	ug/L	92		SW846 8260B
	0.12	10.0	9.52	ug/L	94	2.0	SW846 8260B
Propionitrile	ND	50.0	53.3	ug/L	107		SW846 8260B
	ND	50.0	50.8	ug/L	102	4.8	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.75	ug/L	98		SW846 8260B
	ND	10.0	9.63	ug/L	96	1.2	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.61	ug/L	86		SW846 8260B
	ND	10.0	8.76	ug/L	88	1.8	SW846 8260B
Carbon tetrachloride	ND	10.0	8.92	ug/L	89		SW846 8260B
	ND	10.0	9.08	ug/L	91	1.8	SW846 8260B
1,2-Dichloroethane	ND	10.0	8.41	ug/L	84		SW846 8260B
	ND	10.0	8.49	ug/L	85	0.94	SW846 8260B
Benzene	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	9.61	ug/L	96	0.15	SW846 8260B
Trichloroethene	0.54	10.0	10.2	ug/L	97		SW846 8260B
	0.54	10.0	10.4	ug/L	99	1.4	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.77	ug/L	98		SW846 8260B
	ND	10.0	9.71	ug/L	97	0.63	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J4KCP1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H090349-002 J4KCP1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.48**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.50**	**ug/L**	**95**	**0.27**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**54.8**	**ug/L**	**110**		**SW846 8260B**
	ND	**50.0**	**54.2**	**ug/L**	**108**	**1.1**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.78**	**ug/L**	**88**		**SW846 8260B**
	ND	**10.0**	**8.74**	**ug/L**	**87**	**0.51**	**SW846 8260B**
1-Butanol	**ND**	**100**	**121**	**ug/L**	**121**		**SW846 8260B**
	ND	**100**	**125**	**ug/L**	**125**	**2.8**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.14**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**9.21**	**ug/L**	**92**	**0.82**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(69 - 119)
	95	(69 - 119)
Dibromofluoromethane	96	(74 - 134)
	97	(74 - 134)
1,2-Dichloroethane-d4	82	(72 - 128)
	86	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)
	90	(71 - 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 #...: SL705 **Work Order #...:** J4XNE1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H150318-002 J4XNE1AE-MSD
Date Sampled...: 08/14/07 **Date Received..:** 08/15/07
Prep Date.....: 08/22/07 **Analysis Date..:** 08/22/07
Prep Batch #...: 7235120
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.1	ug/L	101	2.0	SW846 8260B
Ethylbenzene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.7	ug/L	107	3.4	SW846 8260B
1,4-Dioxane	ND	200	216	ug/L	108		SW846 8260B
	ND	200	206	ug/L	103	4.6	SW846 8260B
Vinyl chloride	ND	10.0	9.88	ug/L	99		SW846 8260B
	ND	10.0	10.3	ug/L	103	4.2	SW846 8260B
Acetone	ND	10.0	14.2	ug/L	142		SW846 8260B
	ND	10.0	12.5	ug/L	125	13	SW846 8260B
Methylene chloride	ND	10.0	9.78	ug/L	98		SW846 8260B
	ND	10.0	9.83	ug/L	98	0.42	SW846 8260B
Carbon disulfide	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.8	ug/L	108	3.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	12.4	ug/L	124		SW846 8260B
	ND	10.0	12.0	ug/L	120	2.9	SW846 8260B
2-Butanone	ND	10.0	9.32	ug/L	93		SW846 8260B
	ND	10.0	9.66	ug/L	97	3.7	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.2	ug/L	112	6.8	SW846 8260B
cis-1,2-Dichloroethene	3.4	10.0	14.0	ug/L	106		SW846 8260B
	3.4	10.0	14.1	ug/L	107	0.71	SW846 8260B
Propionitrile	ND	50.0	61.9	ug/L	124		SW846 8260B
	ND	50.0	60.0	ug/L	120	3.0	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	10.6	ug/L	106	1.6	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.88	ug/L	99		SW846 8260B
	ND	10.0	9.74	ug/L	97	1.4	SW846 8260B
Carbon tetrachloride	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	9.50	ug/L	95	0.47	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	11.6	ug/L	116	1.8	SW846 8260B
Benzene	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	11.8	ug/L	118	2.2	SW846 8260B
Trichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.2	ug/L	102	4.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	12.7	ug/L	127		SW846 8260B
	ND	10.0	14.6	ug/L	146	13	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	11.2	ug/L	112	4.0	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J4XNE1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H150318-002 J4XNE1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.58**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.74**	**ug/L**	**97**	**1.6**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**60.1**	**ug/L**	**120**		**SW846 8260B**
	ND	**50.0**	**65.2**	**ug/L**	**130**	**8.1**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.59**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.70**	**ug/L**	**97**	**1.1**	**SW846 8260B**
1-Butanol	**ND**	**100**	**84.0**	**ug/L**	**84**		**SW846 8260B**
	ND	**100**	**76.4**	**ug/L**	**76**	**9.5**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**2.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(69 - 119)
	99	(69 - 119)
Dibromofluoromethane	96	(74 - 134)
	99	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
	100	(72 - 128)
4-Bromofluorobenzene	83	(71 - 115)
	83	(71 - 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 #...: SL705 **Work Order #...:** J5KNA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240293-001 J5KNA1AE-MSD
Date Sampled...: 08/23/07 **Date Received..:** 08/24/07
Prep Date.....: 08/27/07 **Analysis Date..:** 08/27/07
Prep Batch #...: 7241214
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,3-Dichloropropene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.7	ug/L	107	1.8	SW846 8260B
Chloromethane	ND	10.0	9.10	ug/L	91		SW846 8260B
	ND	10.0	9.76	ug/L	98	7.0	SW846 8260B
Bromomethane	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.5	ug/L	125	4.3	SW846 8260B
Chloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.3	ug/L	113	2.9	SW846 8260B
1,1-Dichloroethene	ND	10.0	9.33	ug/L	93		SW846 8260B
	ND	10.0	9.36	ug/L	94	0.34	SW846 8260B
1,2-Dichloroethene (total)	ND	20.0	18.8	ug/L	94		SW846 8260B
	ND	20.0	19.4	ug/L	97	2.9	SW846 8260B
1,2-Dichloropropane	ND	10.0	9.48	ug/L	95		SW846 8260B
	ND	10.0	9.65	ug/L	97	1.8	SW846 8260B
Bromodichloromethane	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	10.0	ug/L	100	0.37	SW846 8260B
trans-1,3-Dichloropropene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.5	ug/L	105	1.4	SW846 8260B
2-Hexanone	ND	10.0	8.22	ug/L	82		SW846 8260B
	ND	10.0	9.11	ug/L	91	10	SW846 8260B
Chlorobenzene	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.53	ug/L	95	2.4	SW846 8260B
Bromoform	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.3	ug/L	113	5.1	SW846 8260B
Ethylbenzene	ND	10.0	9.59	ug/L	96		SW846 8260B
	ND	10.0	9.84	ug/L	98	2.6	SW846 8260B
Styrene	ND	10.0	8.97	ug/L	90		SW846 8260B
	ND	10.0	9.02	ug/L	90	0.52	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10.0	9.10	ug/L	91		SW846 8260B
	ND	10.0	10.4	ug/L	104	13	SW846 8260B
Dibromochloromethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.4	ug/L	104	2.1	SW846 8260B
Allyl chloride	ND	10.0	9.80	ug/L	98		SW846 8260B
	ND	10.0	10.5	ug/L	105	7.3	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.0	ug/L	100	4.5	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5KNA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240293-001 J5KNA1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dibromoethane	ND	10.0	9.15	ug/L	91		SW846 8260B
	ND	10.0	9.27	ug/L	93	1.3	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.9	ug/L	109	6.0	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	10.0	9.71	ug/L	97		SW846 8260B
	ND	10.0	9.96	ug/L	100	2.5	SW846 8260B
Ethyl methacrylate	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.70	ug/L	97	4.5	SW846 8260B
Methyl methacrylate	ND	10.0	8.37	ug/L	84		SW846 8260B
	ND	10.0	8.29	ug/L	83	1.0	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.39	SW846 8260B
Trichlorofluoromethane	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.96	ug/L	100	6.1	SW846 8260B
Acetonitrile	ND	50.0	41.8	ug/L	84		SW846 8260B
	ND	50.0	44.5	ug/L	89	6.2	SW846 8260B
Iodomethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.6	ug/L	106	2.4	SW846 8260B
Vinyl acetate	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.0	SW846 8260B
Acrolein	ND	50.0	40.7	ug/L	81		SW846 8260B
	ND	50.0	42.1	ug/L	84	3.3	SW846 8260B
Isobutanol	ND	200	178	ug/L	89		SW846 8260B
	ND	200	188	ug/L	94	5.6	SW846 8260B
Methacrylonitrile	ND	50.0	48.4	ug/L	97		SW846 8260B
	ND	50.0	49.2	ug/L	98	1.6	SW846 8260B
1,4-Dioxane	ND	200	168	ug/L	84		SW846 8260B
	ND	200	174	ug/L	87	3.4	SW846 8260B
Chloroprene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.89	SW846 8260B
Vinyl chloride	ND	10.0	9.89	ug/L	99		SW846 8260B
	ND	10.0	10.1	ug/L	101	2.0	SW846 8260B
Acetone	ND	10.0	5.92	ug/L	59		SW846 8260B
	ND	10.0	5.80	ug/L	58	2.0	SW846 8260B
Methylene chloride	4.3	10.0	13.1	ug/L	88		SW846 8260B
	4.3	10.0	13.5	ug/L	91	2.9	SW846 8260B
Carbon disulfide	ND	10.0	9.13	ug/L	91		SW846 8260B
	ND	10.0	9.35	ug/L	93	2.3	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5KNA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240293-001 J5KNA1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethane	ND	10.0	9.40	ug/L	94		SW846 8260B
	ND	10.0	9.60	ug/L	96	2.1	SW846 8260B
2-Butanone	ND	10.0	8.63	ug/L	86		SW846 8260B
	ND	10.0	8.69	ug/L	87	0.68	SW846 8260B
Chloroform	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.43	ug/L	94	0.11	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.60	ug/L	96		SW846 8260B
	ND	10.0	9.81	ug/L	98	2.2	SW846 8260B
Propionitrile	ND	50.0	47.6	ug/L	95		SW846 8260B
	ND	50.0	48.7	ug/L	97	2.1	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.24	ug/L	92		SW846 8260B
	ND	10.0	9.58	ug/L	96	3.5	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.66	ug/L	97		SW846 8260B
	ND	10.0	9.92	ug/L	99	2.6	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	9.71	ug/L	97	1.7	SW846 8260B
Benzene	ND	10.0	9.40	ug/L	94		SW846 8260B
	ND	10.0	9.51	ug/L	95	1.2	SW846 8260B
Trichloroethene	ND	10.0	9.90	ug/L	99		SW846 8260B
	ND	10.0	10.0	ug/L	100	1.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.04	ug/L	90		SW846 8260B
	ND	10.0	9.23	ug/L	92	2.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.44	ug/L	94		SW846 8260B
	ND	10.0	9.45	ug/L	95	0.12	SW846 8260B
Tetrachloroethene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.74	ug/L	97	2.6	SW846 8260B
Tetrahydrofuran	ND	50.0	47.6	ug/L	95		SW846 8260B
	ND	50.0	51.3	ug/L	103	7.5	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	9.02	ug/L	90		SW846 8260B
	ND	10.0	9.91	ug/L	99	9.3	SW846 8260B
1-Butanol	ND	100	95.1	ug/L	95		SW846 8260B
	ND	100	97.2	ug/L	97	2.2	SW846 8260B
Toluene	ND	10.0	9.42	ug/L	94		SW846 8260B
	ND	10.0	9.62	ug/L	96	2.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(69 - 119)
	92	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
	94	(74 - 134)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5KNA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240293-001 J5KNA1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(72 - 128)
	92	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)
	96	(71 - 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 #...: SL705 **Work Order #...:** J5KQP1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240294-007 J5KQP1AE-MSD
Date Sampled...: 08/23/07 **Date Received..:** 08/24/07
Prep Date.....: 08/28/07 **Analysis Date..:** 08/29/07
Prep Batch #...: 7242477
Dilution Factor: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	1000	886	ug/L	89		SW846 8260B
	ND	1000	838	ug/L	84	5.6	SW846 8260B
Ethylbenzene	ND	1000	915	ug/L	91		SW846 8260B
	ND	1000	855	ug/L	85	6.8	SW846 8260B
1,4-Dioxane	ND	20000	12800	ug/L	64		SW846 8260B
	ND	20000	12800	ug/L	64	0.31	SW846 8260B
Vinyl chloride	ND	1000	906	ug/L	91		SW846 8260B
	ND	1000	844	ug/L	84	7.2	SW846 8260B
Acetone	ND	1000	690	ug/L	69		SW846 8260B
	ND	1000	748	ug/L	75	8.0	SW846 8260B
Methylene chloride	160	1000	1120	ug/L	96		SW846 8260B
	160	1000	1010	ug/L	85	11	SW846 8260B
Carbon disulfide	ND	1000	995	ug/L	100		SW846 8260B
	ND	1000	954	ug/L	95	4.2	SW846 8260B
1,1-Dichloroethane	ND	1000	896	ug/L	90		SW846 8260B
	ND	1000	869	ug/L	87	3.0	SW846 8260B
2-Butanone	ND	1000	855	ug/L	85		SW846 8260B
	ND	1000	565	ug/L	57 p	41	SW846 8260B
Chloroform	15	1000	938	ug/L	92		SW846 8260B
	15	1000	871	ug/L	86	7.3	SW846 8260B
cis-1,2-Dichloroethene	ND	1000	964	ug/L	96		SW846 8260B
	ND	1000	927	ug/L	93	3.9	SW846 8260B
Propionitrile	ND	5000	4370	ug/L	87		SW846 8260B
	ND	5000	3650	ug/L	73	18	SW846 8260B
trans-1,2-Dichloroethene	ND	1000	909	ug/L	91		SW846 8260B
	ND	1000	858	ug/L	86	5.8	SW846 8260B
1,1,1-Trichloroethane	ND	1000	913	ug/L	91		SW846 8260B
	ND	1000	840	ug/L	84	8.3	SW846 8260B
Carbon tetrachloride	1300	1000	2440	ug/L	117		SW846 8260B
	1300	1000	2030	ug/L	76	19	SW846 8260B
1,2-Dichloroethane	ND	1000	947	ug/L	95		SW846 8260B
	ND	1000	893	ug/L	89	5.9	SW846 8260B
Benzene	ND	1000	906	ug/L	91		SW846 8260B
	ND	1000	852	ug/L	85	6.1	SW846 8260B
Trichloroethene	13	1000	851	ug/L	84		SW846 8260B
	13	1000	790	ug/L	78	7.5	SW846 8260B
4-Methyl-2-pentanone	ND	1000	820	ug/L	82		SW846 8260B
	ND	1000	772	ug/L	77	6.1	SW846 8260B
1,1,2-Trichloroethane	ND	1000	881	ug/L	88		SW846 8260B
	ND	1000	858	ug/L	86	2.6	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL705 **Work Order #...:** J5KQP1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H240294-007 J5KQP1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**1000**	**912**	**ug/L**	**91**		**SW846 8260B**
	ND	**1000**	**827**	**ug/L**	**83**	**9.8**	**SW846 8260B**
Tetrahydrofuran	**ND**	**5000**	**4320**	**ug/L**	**86**		**SW846 8260B**
	ND	**5000**	**4280**	**ug/L**	**86**	**1.1**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**1000**	**879**	**ug/L**	**88**		**SW846 8260B**
	ND	**1000**	**872**	**ug/L**	**87**	**0.76**	**SW846 8260B**
1-Butanol	**ND**	**10000**	**5900**	**ug/L**	**59**		**SW846 8260B**
	ND	**10000**	**3770**	**ug/L**	**38 p**	**44**	**SW846 8260B**
Toluene	**ND**	**1000**	**890**	**ug/L**	**89**		**SW846 8260B**
	ND	**1000**	**850**	**ug/L**	**85**	**4.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(69 - 119)
	92	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
	89	(74 - 134)
1,2-Dichloroethane-d4	88	(72 - 128)
	88	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)
	98	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

VOLATILE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1P575

GC Volatiles

Lot-Sample #...: F7H100369-001 **Work Order #...:** J4M3V1AD **Matrix.....:** WATER
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7228200
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	94	(35 - 139)

Fluor Hanford Inc

Client Sample ID: B1P580

GC Volatiles

Lot-Sample #...: F7H100369-002 **Work Order #...:** J4M311AD **Matrix.....:** WATER
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7228200
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	93	(35 - 139)

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL705 **Work Order #...:** J40RG1AA **Matrix.....:** WATER
MB Lot-Sample #: F7H160000-200

Prep Date.....: 08/15/07
Analysis Date..: 08/15/07 **Prep Batch #...:** 7228200
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	66	(35 - 139)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL705 **Work Order #...:** J40RG1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7H160000-200
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7228200
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Volatile Petroleum Hydrocarbons	**1.00**	**1.01**	**mg/L**	**101**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	67 *	(91 - 109)

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 Volatiles

Client Lot #...: SL705 **Work Order #...:** J4M3V1AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H100369-001 J4M3V1AH-MSD
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/15/07 **Analysis Date..:** 08/15/07
Prep Batch #...: 7228200
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydrocarbons	**ND**	**1.00**	**1.03**	**mg/L**	**103**		**SW846 8015 MOD**
	ND	**1.00**	**1.02**	**mg/L**	**102**	**0.87**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	94	(35 - 139)
	90	(35 - 139)

NOTE(S):

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

Bold print denotes control parameters

EXTRACTABLE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1P575

GC Semivolatiles

Lot-Sample #...: F7H100369-001 **Work Order #...:** J4M3V1AC **Matrix.....:** WATER
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/17/07
Prep Batch #...: 7226232
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P580

GC Semivolatiles

Lot-Sample #...: F7H100369-002 **Work Order #...:** J4M311AC **Matrix.....:** WATER
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/17/07
Prep Batch #...: 7226232
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	72	(53 - 171)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL705 **Work Order #...:** J4R1P1AA **Matrix.....:** WATER
MB Lot-Sample #: F7H140000-232

Prep Date.....: 08/14/07
Analysis Date..: 08/17/07 **Prep Batch #...:** 7226232
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(53 - 171)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL705 **Work Order #...:** J4R1P1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7H140000-232
Prep Date.....: 08/14/07 **Analysis Date..:** 08/17/07
Prep Batch #...: 7226232
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.47**	**mg/L**	**59**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	91	(74 - 147)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL705 **Work Order #...:** J4M3V1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F7H100369-001 J4M3V1AF-MSD
Date Sampled...: 08/02/07 **Date Received..:** 08/03/07
Prep Date.....: 08/14/07 **Analysis Date..:** 08/17/07
Prep Batch #...: 7226232
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.38**	**1.39**	**mg/L**	**58**		**SW846 8015 MOD**
	ND	**2.38**	**1.54**	**mg/L**	**65**	**10**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	100	(53 - 171)
	88	(53 - 171)

NOTE(S):

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

Bold print denotes control parameters

METALS

Fluor Hanford Inc

Client Sample ID: B1P9B0

TOTAL Metals

Lot-Sample #...: F7H090349-001 **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7222402						
Antimony	ND D	120	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**95.7 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/13-08/28/07**	**J4KAP1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**104000 D**	**25000**	**ug/L**	**SW846 6010B**	**08/13-09/04/07**	**J4KAP1AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**63.3 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/13-08/28/07**	**J4KAP1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**5.8 B,D**	**50.0**	**ug/L**	**SW846 6010B**	**08/13-08/28/07**	**J4KAP1AK**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/13-08/17/07	J4KAP1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**35200 D**	**10000**	**ug/L**	**SW846 6010B**	**08/13-08/28/07**	**J4KAP1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**3.7 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/13-08/28/07**	**J4KAP1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**10900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/13-08/17/07**	**J4KAP1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9B0

TOTAL Metals

Lot-Sample #...: F7H090349-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**54400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/13-08/17/07**	**J4KAP1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**612 D**	**250**	**ug/L**	**SW846 6010B**	**08/13-09/04/07**	**J4KAP1AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/13-08/28/07	J4KAP1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P862

DISSOLVED Metals

Lot-Sample #...: F7H140246-001 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**52.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TN71AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**46300 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TN71AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**31.2 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TN71AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TN71AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TN71AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TN71AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P862

DISSOLVED Metals

Lot-Sample #...: F7H140246-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TN71AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**221 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TN71AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**20.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TN71AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TN71AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P863

TOTAL Metals

Lot-Sample #...: F7H140246-002 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**53.2 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**45100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**28.1 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TVJ1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TVJ1AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P863

TOTAL Metals

Lot-Sample #...: F7H140246-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TVJ1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**224 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**20.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVJ1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVJ1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1P866

DISSOLVED Metals

Lot-Sample #...: F7H140246-003 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**54.7 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVR1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**45800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVR1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**25.5 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVR1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TVR1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVR1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**3760 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TVR1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P866

DISSOLVED Metals

Lot-Sample #...: F7H140246-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TVR1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**228 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVR1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**24.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TVR1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TVR1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P867

TOTAL Metals

Lot-Sample #...: F7H140246-004 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**55.7 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**45100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**22.8 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TVV1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TVV1AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P867

TOTAL Metals

Lot-Sample #...: F7H140246-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TVV1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**231 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**23.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TVV1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4TVV1AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1P870

DISSOLVED Metals

Lot-Sample #...: F7H140246-005 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**65.7 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV21AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV21AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**14.6 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV21AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TV21AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV21AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4250 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV21AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P870

DISSOLVED Metals

Lot-Sample #...: F7H140246-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22200 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV21AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**255 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV21AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**21.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV21AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV21AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P871

TOTAL Metals

Lot-Sample #...: F7H140246-006 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**67.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**14.1 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TV61AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TV61AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P871

TOTAL Metals

Lot-Sample #...: F7H140246-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV61AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**264 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**19.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV61AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV61AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1P874

DISSOLVED Metals

Lot-Sample #...: F7H140246-007 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**43.3 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV81AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**41500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV81AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**11.4 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV81AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TV81AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**14500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV81AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.1 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TV81AM**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6230 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV81AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P874

DISSOLVED Metals

Lot-Sample #...: F7H140246-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**27000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV81AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**268 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV81AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TV81AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P875

TOTAL Metals

Lot-Sample #...: F7H140246-008 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**44.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV91AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**40300 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV91AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**17.8 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV91AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**59.0 B,D**	**200**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV91AM**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**14900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV91AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**3980 B,D,N**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV91AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P875

TOTAL Metals

Lot-Sample #...: F7H140246-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**27700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TV91AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**266 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TV91AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AW
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4TV91AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1P878

DISSOLVED Metals

Lot-Sample #...: F7H140246-009 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**72.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWC1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**55800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWC1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**6.6 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWC1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TWC1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWC1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TWC1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P878

DISSOLVED Metals

Lot-Sample #...: F7H140246-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWC1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**288 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWC1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**17.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWC1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWC1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P879

TOTAL Metals

Lot-Sample #...: F7H140246-010 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**75.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWD1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**56200 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWD1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TWD1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWD1AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6490 B,D,N**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWD1AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P879

TOTAL Metals

Lot-Sample #...: F7H140246-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**26400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWD1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**296 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWD1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWD1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWD1AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1P882

DISSOLVED Metals

Lot-Sample #...: F7H140246-011 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**72.0 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWE1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**54100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWE1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**6.2 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWE1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TWE1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWE1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4950 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWE1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P882

DISSOLVED Metals

Lot-Sample #...: F7H140246-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWE1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**275 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWE1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**19.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J4TWE1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4TWE1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P883

TOTAL Metals

Lot-Sample #...: F7H140246-012 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**75.2 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWG1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**54800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWG1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4TWG1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**18600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWG1AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J4TWG1AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P883

TOTAL Metals

Lot-Sample #...: F7H140246-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J4TWG1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**287 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWG1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**19.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J4TWG1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4TWG1AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1PB89

DISSOLVED Metals

Lot-Sample #...: F7H140246-013 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J4T401AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	ND D	400	ug/L	SW846 6010B	08/21-09/07/07	J4T401AC
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	ND D	10000	ug/L	SW846 6010B	08/21-09/07/07	J4T401AF
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4T401AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4T401AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	ND D	10000	ug/L	SW846 6010B	08/21-09/07/07	J4T401AL
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	08/21-09/05/07	J4T401AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PB89

DISSOLVED Metals

Lot-Sample #...: F7H140246-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND D	10000	ug/L	SW846 6010B	08/21-09/05/07	J4T401AR
		Dilution Factor: 2		MDL.....: 157		
Strontium	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4T401AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J4T401AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J4T401AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1PB90

TOTAL Metals

Lot-Sample #...: F7H140246-014 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J4T431AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	ND D	400	ug/L	SW846 6010B	08/21-09/08/07	J4T431AE
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	ND D	10000	ug/L	SW846 6010B	08/21-09/08/07	J4T431AH
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4T431AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J4T431AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	ND D	10000	ug/L	SW846 6010B	08/21-09/08/07	J4T431AN
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J4T431AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AT
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1PB90

TOTAL Metals

Lot-Sample #...: F7H140246-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND D	10000	ug/L	SW846 6010B	08/21-09/05/07	J4T431AU
		Dilution Factor: 2		MDL.....: 157		
Strontium	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4T431AV
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J4T431AW
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J4T431AX
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1P8N2

DISSOLVED Metals

Lot-Sample #...: F7H160277-001 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J41691AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**98.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41691AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**109000 D**	**25000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41691AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**12.8 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41691AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J41691AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J41691AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**30400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41691AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**3.6 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41691AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9460 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41691AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8N2

DISSOLVED Metals

Lot-Sample #...: F7H160277-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**30000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41691AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**566 D**	**250**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41691AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J41691AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J41691AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8N7

DISSOLVED Metals

Lot-Sample #...: F7H160277-002 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417D1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**85.7 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**86800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**9.8 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J417D1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417D1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**23700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**4.3 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4280 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417D1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8N7

DISSOLVED Metals

Lot-Sample #...: F7H160277-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**30600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417D1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**439 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**15.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417D1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417D1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8T1

DISSOLVED Metals

Lot-Sample #...: F7H160277-003 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417F1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**64.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**56600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**5.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AJ**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417F1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**7.8 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4690 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417F1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8T1

DISSOLVED Metals

Lot-Sample #...: F7H160277-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**27100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417F1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**299 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**17.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417F1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417F1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8P7

DISSOLVED Metals

Lot-Sample #...: F7H160277-004 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417H1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**42.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**60000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**21.0 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**5.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AJ**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417H1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**4.8 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6410 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417H1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8P7

DISSOLVED Metals

Lot-Sample #...: F7H160277-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417H1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**309 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417H1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417H1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8K8

DISSOLVED Metals

Lot-Sample #...: F7H160277-005 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417J1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**204 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417J1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**248000 D**	**50000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J417J1AG**
		Dilution Factor: 10		MDL.....: 1000		
Chromium	**30.3 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417J1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J417J1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**469 D**	**200**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417J1AL**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**66700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417J1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**15600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417J1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8K8

DISSOLVED Metals

Lot-Sample #...: F7H160277-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**188000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417J1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**1420 D**	**500**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J417J1AU**
		Dilution Factor: 10		MDL.....: 5.6		
Vanadium	**12.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417J1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417J1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8L3

DISSOLVED Metals

Lot-Sample #...: F7H160277-006 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417M1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**61.2 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**71800 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**13.5 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J417M1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417M1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**20100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**9.4 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9790 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417M1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P8L3

DISSOLVED Metals

Lot-Sample #...: F7H160277-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**31900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417M1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**411 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**16.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417M1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417M1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P9K0

DISSOLVED Metals

Lot-Sample #...: F7H160277-007 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417R1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**61.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417R1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**58900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417R1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J417R1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417R1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417R1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4360 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417R1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9K0

DISSOLVED Metals

Lot-Sample #...: F7H160277-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417R1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**317 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417R1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**16.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417R1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417R1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P9J5

DISSOLVED Metals

Lot-Sample #...: F7H160277-008 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J417V1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**43.2 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417V1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**43500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417V1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J417V1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J417V1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**12300 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417V1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7310 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417V1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9J5

DISSOLVED Metals

Lot-Sample #...: F7H160277-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**16100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J417V1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**228 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417V1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**19.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J417V1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J417V1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P858

DISSOLVED Metals

Lot-Sample #...: F7H160277-009 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233289						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/07/07	J41701AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**63.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**49600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**11.5 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/07/07	J41701AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J41701AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6670 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41701AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AQ
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P858

DISSOLVED Metals

Lot-Sample #...: F7H160277-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41701AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**265 D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**17.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J41701AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/07/07	J41701AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P859

TOTAL Metals

Lot-Sample #...: F7H160277-010 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J41731AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**66.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**49600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**6.3 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J41731AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J41731AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6570 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41731AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P859

TOTAL Metals

Lot-Sample #...: F7H160277-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J41731AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**261 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J41731AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J41731AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P652

DISSOLVED Metals

Lot-Sample #...: F7H170278-003 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7235340						
Arsenic	ND	10.0	ug/L	SW846 6020	08/23-09/04/07	J441W1AA
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1P646

DISSOLVED Metals

Lot-Sample #...: F7H170278-005 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7235340						
Arsenic	ND	10.0	ug/L	SW846 6020	08/23-09/04/07	J44211AA
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1P640

DISSOLVED Metals

Lot-Sample #...: F7H170278-007 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7235340						
Arsenic	ND	10.0	ug/L	SW846 6020	08/23-09/04/07	J44261AA
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1P9X0

DISSOLVED Metals

Lot-Sample #...: F7H170286-001 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J443C1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**139 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**145000 D**	**25000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**678 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J443C1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	**4.2 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AK**
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J443C1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**47400 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**8060 B,D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443C1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9X0

DISSOLVED Metals

Lot-Sample #...: F7H170286-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**63500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443C1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**602 C,D**	**250**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	**17.6 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443C1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J443C1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1P9R6

DISSOLVED Metals

Lot-Sample #...: F7H170286-002 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J443D1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**126 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**85700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**148 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J443D1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J443D1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**29300 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.5 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J443D1AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9R6

DISSOLVED Metals

Lot-Sample #...: F7H170286-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**90600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443D1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**402 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**22.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443D1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J443D1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1P9R1

DISSOLVED Metals

Lot-Sample #...: F7H170286-003 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J443E1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**92.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**74900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**45.9 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**4.7 B,C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AJ**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J443E1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**26100 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**5.0 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D,N	10000	ug/L	SW846 6010B	08/21-09/05/07	J443E1AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9R1

DISSOLVED Metals

Lot-Sample #...: F7H170286-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**128000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443E1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**401 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**29.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443E1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J443E1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1P9T1

DISSOLVED Metals

Lot-Sample #...: F7H170286-004 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J443F1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**79.0 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**44600 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**127 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**5.4 B,C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AJ**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	**138 B,D**	**200**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443F1AL**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15300 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**6.2 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4460 B,D,N**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443F1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9T1

DISSOLVED Metals

Lot-Sample #...: F7H170286-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**114000 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443F1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**222 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**47.3 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443F1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J443F1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1P9W5

DISSOLVED Metals

Lot-Sample #...: F7H170286-005 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7233293						
Antimony	ND D	120	ug/L	SW846 6010B	08/21-09/08/07	J443G1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**82.3 B,D**	**400**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**75500 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**110 D**	**20.0**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	08/21-09/08/07	J443G1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	08/21-09/05/07	J443G1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**25700 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**5930 B,D,N**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443G1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P9W5

DISSOLVED Metals

Lot-Sample #...: F7H170286-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**56900 D**	**10000**	**ug/L**	**SW846 6010B**	**08/21-09/05/07**	**J443G1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**324 C,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**24.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**08/21-09/08/07**	**J443G1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	08/21-09/08/07	J443G1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7H100000-402 **Prep Batch #...:** 7222402						
Antimony	ND	60.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CH
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CJ
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CK
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CL
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CM
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CN
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CP
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CQ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	08/13-08/17/07	J4MKH1CR
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CT
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CU
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CV
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	08/13-08/17/07	J4MKH1CW
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1CX
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	08/13-08/17/07	J4MKH1C0
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1C1
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1C2
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	08/13-08/28/07	J4MKH1C3
		Dilution Factor: 1				

MB Lot-Sample #: F7H210000-293 **Prep Batch #...:** 7233293

Antimony	ND	60.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	08/21-09/07/07	J490E1AC
		Dilution Factor: 1				
Beryllium	**2.3 B**	**5.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1AD**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J490E1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AG
		Dilution Factor: 1				
Cobalt	**2.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1AH**
		Dilution Factor: 1				
Copper	**2.8 B**	**25.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1AJ**
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	08/21-09/05/07	J490E1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J490E1AL
		Dilution Factor: 1				
Manganese	**2.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1AM**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AN
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J490E1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J490E1AR
		Dilution Factor: 1				
Strontium	**2.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1AT**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AV
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7H210000-289 **Prep Batch #...:** 7233289						
Antimony	ND	60.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	08/21-09/07/07	J49W71AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J49W71AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	08/21-09/05/07	J49W71AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J49W71AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J49W71AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J49W71AR
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	08/21-09/08/07	J49W71AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	08/21-09/07/07	J49W71AV
		Dilution Factor: 1				

MB Lot-Sample #: F7H210000-293 **Prep Batch #...:** 7233293

Antimony	ND	60.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	08/21-09/07/07	J490E1AX
		Dilution Factor: 1				
Beryllium	**2.3 B**	**5.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1A0**
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J490E1A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1A3
		Dilution Factor: 1				
Cobalt	**2.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1A4**
		Dilution Factor: 1				
Copper	**2.8 B**	**25.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1A5**
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	08/21-09/05/07	J490E1A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	08/21-09/07/07	J490E1A7
		Dilution Factor: 1				
Manganese	**2.3 B**	**15.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1A8**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1A9
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J490E1CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	08/21-09/05/07	J490E1CD
		Dilution Factor: 1				
Strontium	**2.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**08/21-09/07/07**	**J490E1CE**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	08/21-09/07/07	J490E1CG
		Dilution Factor: 1				

MB Lot-Sample #: F7H230000-340 **Prep Batch #...:** 7235340

Arsenic	ND	10.0	ug/L	SW846 6020	08/23-09/04/07	J5F8W1AA
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

LCS Lot-Sample#: F7H100000-402 **Prep Batch #...:** 7222402

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	515	ug/L	103	SW846 6010B	08/13-08/28/07	J4MKH1C4
			Dilution Factor: 1				
Barium	500	551	ug/L	110	SW846 6010B	08/13-08/28/07	J4MKH1C5
			Dilution Factor: 1				
Beryllium	500	576	ug/L	115	SW846 6010B	08/13-08/28/07	J4MKH1C6
			Dilution Factor: 1				
Cadmium	500	554	ug/L	111	SW846 6010B	08/13-08/28/07	J4MKH1C7
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	08/13-08/28/07	J4MKH1C8
			Dilution Factor: 1				
Chromium	500	551	ug/L	110	SW846 6010B	08/13-08/28/07	J4MKH1C9
			Dilution Factor: 1				
Cobalt	500	540	ug/L	108	SW846 6010B	08/13-08/28/07	J4MKH1DA
			Dilution Factor: 1				
Copper	500	530	ug/L	106	SW846 6010B	08/13-08/28/07	J4MKH1DC
			Dilution Factor: 1				
Iron	500	473	ug/L	95	SW846 6010B	08/13-08/17/07	J4MKH1DD
			Dilution Factor: 1				
Magnesium	10000	10600	ug/L	106	SW846 6010B	08/13-08/28/07	J4MKH1DE
			Dilution Factor: 1				
Manganese	500	554	ug/L	111	SW846 6010B	08/13-08/28/07	J4MKH1DF
			Dilution Factor: 1				
Nickel	500	538	ug/L	108	SW846 6010B	08/13-08/28/07	J4MKH1DG
			Dilution Factor: 1				
Potassium	10000	11100	ug/L	111	SW846 6010B	08/13-08/17/07	J4MKH1DH
			Dilution Factor: 1				
Silver	125	127	ug/L	102	SW846 6010B	08/13-08/28/07	J4MKH1DJ
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	9620	ug/L	96	SW846 6010B	08/13-08/17/07	J4MKH1DK
			Dilution Factor: 1				
Strontium	500	553	ug/L	111	SW846 6010B	08/13-08/28/07	J4MKH1DL
			Dilution Factor: 1				
Vanadium	500	544	ug/L	109	SW846 6010B	08/13-08/28/07	J4MKH1DM
			Dilution Factor: 1				
Zinc	500	582	ug/L	116	SW846 6010B	08/13-08/28/07	J4MKH1DN
			Dilution Factor: 1				
LCS Lot-Sample#: F7H210000-293 **Prep Batch #...:** 7233293							
Antimony	500	518	ug/L	104	SW846 6010B	08/21-09/07/07	J490E1CH
			Dilution Factor: 1				
Barium	500	529	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1CJ
			Dilution Factor: 1				
Beryllium	500	553	ug/L	111	SW846 6010B	08/21-09/07/07	J490E1CK
			Dilution Factor: 1				
Cadmium	500	531	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1CL
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1CM
			Dilution Factor: 1				
Chromium	500	523	ug/L	105	SW846 6010B	08/21-09/07/07	J490E1CN
			Dilution Factor: 1				
Cobalt	500	513	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1CP
			Dilution Factor: 1				
Copper	500	512	ug/L	102	SW846 6010B	08/21-09/07/07	J490E1CQ
			Dilution Factor: 1				
Iron	500	491	ug/L	98	SW846 6010B	08/21-09/05/07	J490E1CR
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	08/21-09/07/07	J490E1CT
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	528	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1CU
			Dilution Factor: 1				
Nickel	500	514	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1CV
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	08/21-09/05/07	J490E1CW
			Dilution Factor: 1				
Silver	125	127	ug/L	101	SW846 6010B	08/21-09/07/07	J490E1CX
			Dilution Factor: 1				
Sodium	10000	10100	ug/L	101	SW846 6010B	08/21-09/05/07	J490E1C0
			Dilution Factor: 1				
Strontium	500	544	ug/L	109	SW846 6010B	08/21-09/07/07	J490E1C1
			Dilution Factor: 1				
Vanadium	500	523	ug/L	105	SW846 6010B	08/21-09/07/07	J490E1C2
			Dilution Factor: 1				
Zinc	500	578	ug/L	116	SW846 6010B	08/21-09/07/07	J490E1C3
			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 #...: SL705 **Matrix.....:** WATER

LCS Lot-Sample#: F7H210000-289 **Prep Batch #...:** 7233289

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	512	ug/L	102	SW846 6010B	08/21-09/07/07	J49W71AW
			Dilution Factor: 1				
Barium	500	527	ug/L	105	SW846 6010B	08/21-09/07/07	J49W71AX
			Dilution Factor: 1				
Beryllium	500	551	ug/L	110	SW846 6010B	08/21-09/07/07	J49W71A0
			Dilution Factor: 1				
Cadmium	500	522	ug/L	104	SW846 6010B	08/21-09/07/07	J49W71A1
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	08/21-09/07/07	J49W71A2
			Dilution Factor: 1				
Chromium	500	516	ug/L	103	SW846 6010B	08/21-09/07/07	J49W71A3
			Dilution Factor: 1				
Cobalt	500	499	ug/L	100	SW846 6010B	08/21-09/07/07	J49W71A4
			Dilution Factor: 1				
Copper	500	521	ug/L	104	SW846 6010B	08/21-09/07/07	J49W71A5
			Dilution Factor: 1				
Iron	500	513	ug/L	103	SW846 6010B	08/21-09/05/07	J49W71A6
			Dilution Factor: 1				
Magnesium	10000	10200	ug/L	102	SW846 6010B	08/21-09/07/07	J49W71A7
			Dilution Factor: 1				
Manganese	500	518	ug/L	104	SW846 6010B	08/21-09/07/07	J49W71A8
			Dilution Factor: 1				
Nickel	500	504	ug/L	101	SW846 6010B	08/21-09/07/07	J49W71A9
			Dilution Factor: 1				
Potassium	10000	11400	ug/L	114	SW846 6010B	08/21-09/05/07	J49W71CA
			Dilution Factor: 1				
Silver	125	130	ug/L	104	SW846 6010B	08/21-09/07/07	J49W71CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10300	ug/L	103	SW846 6010B	08/21-09/05/07	J49W71CD
			Dilution Factor: 1				
Strontium	500	537	ug/L	107	SW846 6010B	08/21-09/08/07	J49W71CE
			Dilution Factor: 1				
Vanadium	500	526	ug/L	105	SW846 6010B	08/21-09/07/07	J49W71CF
			Dilution Factor: 1				
Zinc	500	554	ug/L	111	SW846 6010B	08/21-09/07/07	J49W71CG
			Dilution Factor: 1				
LCS Lot-Sample#: F7H210000-293 **Prep Batch #...:** 7233293							
Antimony	500	518	ug/L	104	SW846 6010B	08/21-09/07/07	J490E1C4
			Dilution Factor: 1				
Barium	500	529	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1C5
			Dilution Factor: 1				
Beryllium	500	553	ug/L	111	SW846 6010B	08/21-09/07/07	J490E1C6
			Dilution Factor: 1				
Cadmium	500	531	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1C7
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1C8
			Dilution Factor: 1				
Chromium	500	523	ug/L	105	SW846 6010B	08/21-09/07/07	J490E1C9
			Dilution Factor: 1				
Cobalt	500	513	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1DA
			Dilution Factor: 1				
Copper	500	512	ug/L	102	SW846 6010B	08/21-09/07/07	J490E1DC
			Dilution Factor: 1				
Iron	500	491	ug/L	98	SW846 6010B	08/21-09/05/07	J490E1DD
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	08/21-09/07/07	J490E1DE
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	528	ug/L	106	SW846 6010B	08/21-09/07/07	J490E1DF
			Dilution Factor: 1				
Nickel	500	514	ug/L	103	SW846 6010B	08/21-09/07/07	J490E1DG
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	08/21-09/05/07	J490E1DH
			Dilution Factor: 1				
Silver	125	127	ug/L	101	SW846 6010B	08/21-09/07/07	J490E1DJ
			Dilution Factor: 1				
Sodium	10000	10100	ug/L	101	SW846 6010B	08/21-09/05/07	J490E1DK
			Dilution Factor: 1				
Strontium	500	544	ug/L	109	SW846 6010B	08/21-09/07/07	J490E1DL
			Dilution Factor: 1				
Vanadium	500	523	ug/L	105	SW846 6010B	08/21-09/07/07	J490E1DM
			Dilution Factor: 1				
Zinc	500	578	ug/L	116	SW846 6010B	08/21-09/07/07	J490E1DN
			Dilution Factor: 1				

LCS Lot-Sample#: F7H230000-340 **Prep Batch #...:** 7235340

Arsenic	500	501	ug/L	100	SW846 6020	08/23-09/04/07	J5F8W1AC
			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 #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07

MS Lot-Sample #: F7H090349-001 **Prep Batch #...:** 7222402

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	231 D	ug/L	92		SW846 6010B	08/13-08/28/07	J4KAP1AX
	ND	250	227 D	ug/L	91	1.5	SW846 6010B	08/13-08/28/07	J4KAP1A0
			Dilution Factor: 2						
Barium									
	95.7	1000	1110 D	ug/L	101		SW846 6010B	08/13-08/28/07	J4KAP1A1
	95.7	1000	1120 D	ug/L	102	0.75	SW846 6010B	08/13-08/28/07	J4KAP1A2
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.8 D	ug/L	107		SW846 6010B	08/13-08/28/07	J4KAP1A3
	ND	25.0	26.9 D	ug/L	108	0.29	SW846 6010B	08/13-08/28/07	J4KAP1A4
			Dilution Factor: 2						
Cadmium									
	ND	25.0	24.7 D	ug/L	99		SW846 6010B	08/13-08/28/07	J4KAP1A5
	ND	25.0	24.9 D	ug/L	100	0.88	SW846 6010B	08/13-08/28/07	J4KAP1A6
			Dilution Factor: 2						
Calcium									
	104000	25000	132000	ug/L	110		SW846 6010B	08/13-09/04/07	J4KAP1A7
			Qualifiers: D						
	104000	25000	131000	ug/L	110	0.12	SW846 6010B	08/13-09/04/07	J4KAP1A8
			Qualifiers: D						
			Dilution Factor: 5						
Chromium									
	63.3	100	164 D	ug/L	101		SW846 6010B	08/13-08/28/07	J4KAP1A9
	63.3	100	166 D	ug/L	103	1.1	SW846 6010B	08/13-08/28/07	J4KAP1CA
			Dilution Factor: 2						
Cobalt									
	ND	250	246 D	ug/L	98		SW846 6010B	08/13-08/28/07	J4KAP1CC
	ND	250	248 D	ug/L	99	0.92	SW846 6010B	08/13-08/28/07	J4KAP1CD
			Dilution Factor: 2						
Copper									
	5.8	125	127 D	ug/L	97		SW846 6010B	08/13-08/28/07	J4KAP1CE
	5.8	125	128 D	ug/L	98	0.84	SW846 6010B	08/13-08/28/07	J4KAP1CF
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	504 D	ug/L	95		SW846 6010B	08/13-08/17/07	J4KAP1CG
	ND	500	493 D	ug/L	93	2.2	SW846 6010B	08/13-08/17/07	J4KAP1CH
			Dilution Factor: 2						
Magnesium									
	35200	25000	60000 D	ug/L	99		SW846 6010B	08/13-08/28/07	J4KAP1CJ
	35200	25000	60300 D	ug/L	101	0.65	SW846 6010B	08/13-08/28/07	J4KAP1CK
			Dilution Factor: 2						
Manganese									
	3.7	250	258 D	ug/L	102		SW846 6010B	08/13-08/28/07	J4KAP1CL
	3.7	250	259 D	ug/L	102	0.42	SW846 6010B	08/13-08/28/07	J4KAP1CM
			Dilution Factor: 2						
Nickel									
	ND	250	241 D	ug/L	96		SW846 6010B	08/13-08/28/07	J4KAP1CN
	ND	250	243 D	ug/L	97	0.83	SW846 6010B	08/13-08/28/07	J4KAP1CP
			Dilution Factor: 2						
Potassium									
	10900	25000	38200 D	ug/L	109		SW846 6010B	08/13-08/17/07	J4KAP1CQ
	10900	25000	38400 D	ug/L	110	0.58	SW846 6010B	08/13-08/17/07	J4KAP1CR
			Dilution Factor: 2						
Silver									
	ND	25.0	22.8 D	ug/L	91		SW846 6010B	08/13-08/28/07	J4KAP1CT
	ND	25.0	24.1 D	ug/L	96	5.5	SW846 6010B	08/13-08/28/07	J4KAP1CU
			Dilution Factor: 2						
Sodium									
	54400	25000	81600 D	ug/L	109		SW846 6010B	08/13-08/17/07	J4KAP1CV
	54400	25000	80000 D	ug/L	102	2.0	SW846 6010B	08/13-08/17/07	J4KAP1CW
			Dilution Factor: 2						
Strontium									
	612	500	1170 D	ug/L	112		SW846 6010B	08/13-09/04/07	J4KAP1CX
	612	500	1160 D	ug/L	110	0.91	SW846 6010B	08/13-09/04/07	J4KAP1C0
			Dilution Factor: 5						
Vanadium									
	ND	250	257 D	ug/L	100		SW846 6010B	08/13-08/28/07	J4KAP1C1
	ND	250	262 D	ug/L	101	1.6	SW846 6010B	08/13-08/28/07	J4KAP1C2
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/03/07 **Date Received..:** 08/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	275 D	ug/L	105		SW846 6010B	08/13-08/28/07	J4KAP1C3
	ND	250	280 D	ug/L	107	1.9	SW846 6010B	08/13-08/28/07	J4KAP1C4

Dilution Factor: 2

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7H140246-002 **Prep Batch #...:** 7233293									
Antimony									
	ND	250	256 D	ug/L	102		SW846 6010B	08/21-09/07/07	J4TVJ1A2
	ND	250	262 D	ug/L	105	2.6	SW846 6010B	08/21-09/08/07	J4TVJ1A3
			Dilution Factor: 2						
Barium									
	53.2	1000	1120 D	ug/L	107		SW846 6010B	08/21-09/07/07	J4TVJ1A4
	53.2	1000	1140 D	ug/L	108	1.0	SW846 6010B	08/21-09/08/07	J4TVJ1A5
			Dilution Factor: 2						
Beryllium									
	ND	25.0	28.0 D	ug/L	112		SW846 6010B	08/21-09/07/07	J4TVJ1A6
	ND	25.0	28.1 D	ug/L	112	0.28	SW846 6010B	08/21-09/08/07	J4TVJ1A7
			Dilution Factor: 2						
Cadmium									
	ND	25.0	26.4 D	ug/L	106		SW846 6010B	08/21-09/07/07	J4TVJ1A8
	ND	25.0	26.4 D	ug/L	106	0.15	SW846 6010B	08/21-09/08/07	J4TVJ1A9
			Dilution Factor: 2						
Calcium									
	45100	25000	72100 D	ug/L	108		SW846 6010B	08/21-09/07/07	J4TVJ1CA
	45100	25000	72900 D	ug/L	111	1.1	SW846 6010B	08/21-09/08/07	J4TVJ1CC
			Dilution Factor: 2						
Chromium									
	28.1	100	137 D	ug/L	109		SW846 6010B	08/21-09/07/07	J4TVJ1CD
	28.1	100	138 D	ug/L	110	0.52	SW846 6010B	08/21-09/08/07	J4TVJ1CE
			Dilution Factor: 2						
Cobalt									
	ND	250	257 D	ug/L	103		SW846 6010B	08/21-09/07/07	J4TVJ1CF
	ND	250	260 D	ug/L	104	1.2	SW846 6010B	08/21-09/08/07	J4TVJ1CG
			Dilution Factor: 2						
Copper									
	ND	125	134 D	ug/L	106		SW846 6010B	08/21-09/07/07	J4TVJ1CH
	ND	125	135 D	ug/L	106	0.32	SW846 6010B	08/21-09/08/07	J4TVJ1CJ
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	523 D	ug/L	105		SW846 6010B	08/21-09/05/07	J4TVJ1CK
	ND	500	530 D	ug/L	106	1.3	SW846 6010B	08/21-09/05/07	J4TVJ1CL
			Dilution Factor: 2						
Magnesium									
	15000	25000	41700 D	ug/L	107		SW846 6010B	08/21-09/07/07	J4TVJ1CM
	15000	25000	42000 D	ug/L	108	0.85	SW846 6010B	08/21-09/08/07	J4TVJ1CN
			Dilution Factor: 2						
Manganese									
	ND	250	265 D	ug/L	106		SW846 6010B	08/21-09/07/07	J4TVJ1CP
	ND	250	268 D	ug/L	107	1.2	SW846 6010B	08/21-09/08/07	J4TVJ1CQ
			Dilution Factor: 2						
Nickel									
	ND	250	254 D	ug/L	102		SW846 6010B	08/21-09/07/07	J4TVJ1CR
	ND	250	258 D	ug/L	103	1.5	SW846 6010B	08/21-09/08/07	J4TVJ1CT
			Dilution Factor: 2						
Potassium									
	ND	25000	33400	ug/L	134		SW846 6010B	08/21-09/05/07	J4TVJ1CU
			Qualifiers: N,D						
	ND	25000	33500	ug/L	134	0.16	SW846 6010B	08/21-09/05/07	J4TVJ1CV
			Qualifiers: N,D						
			Dilution Factor: 2						
Silver									
	ND	25.0	25.4 D	ug/L	102		SW846 6010B	08/21-09/07/07	J4TVJ1CW
	ND	25.0	27.7 D	ug/L	111	8.7	SW846 6010B	08/21-09/08/07	J4TVJ1CX
			Dilution Factor: 2						
Sodium									
	21000	25000	46700 D	ug/L	103		SW846 6010B	08/21-09/05/07	J4TVJ1C0
	21000	25000	47500 D	ug/L	106	1.8	SW846 6010B	08/21-09/05/07	J4TVJ1C1
			Dilution Factor: 2						
Strontium									
	224	500	777 D	ug/L	111		SW846 6010B	08/21-09/07/07	J4TVJ1C2
	224	500	786 D	ug/L	112	1.1	SW846 6010B	08/21-09/08/07	J4TVJ1C3
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	20.1	250	283 D	ug/L	105		SW846 6010B	08/21-09/07/07	J4TVJ1C4
	20.1	250	286 D	ug/L	106	1.2	SW846 6010B	08/21-09/08/07	J4TVJ1C5
			Dilution Factor: 2						
Zinc									
	ND	250	301 D	ug/L	120		SW846 6010B	08/21-09/07/07	J4TVJ1C6
	ND	250	303 D	ug/L	121	0.60	SW846 6010B	08/21-09/08/07	J4TVJ1C7
			Dilution Factor: 2						

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/08/07 **Date Received..:** 08/16/07

MS Lot-Sample #: F7H160258-001 **Prep Batch #...:** 7233293

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	251 D	ug/L	100		SW846 6010B	08/21-09/08/07	J410C1CA
	ND	250	257 D	ug/L	103	2.4	SW846 6010B	08/21-09/08/07	J410C1CC
			Dilution Factor: 2						
Barium									
	40.1	1000	1070 D	ug/L	103		SW846 6010B	08/21-09/08/07	J410C1CD
	40.1	1000	1080 D	ug/L	104	1.3	SW846 6010B	08/21-09/08/07	J410C1CE
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.7 D	ug/L	107		SW846 6010B	08/21-09/08/07	J410C1CF
	ND	25.0	27.0 D	ug/L	108	1.2	SW846 6010B	08/21-09/08/07	J410C1CG
			Dilution Factor: 2						
Cadmium									
	ND	25.0	25.4 D	ug/L	102		SW846 6010B	08/21-09/08/07	J410C1CH
	ND	25.0	25.8 D	ug/L	103	1.5	SW846 6010B	08/21-09/08/07	J410C1CJ
			Dilution Factor: 2						
Calcium									
	19900	25000	44400 D	ug/L	98		SW846 6010B	08/21-09/08/07	J410C1CK
	19900	25000	44900 D	ug/L	100	0.98	SW846 6010B	08/21-09/08/07	J410C1CL
			Dilution Factor: 2						
Chromium									
	ND	100	102 D	ug/L	102		SW846 6010B	08/21-09/08/07	J410C1CM
	ND	100	103 D	ug/L	103	1.2	SW846 6010B	08/21-09/08/07	J410C1CN
			Dilution Factor: 2						
Cobalt									
	ND	250	249 D	ug/L	98		SW846 6010B	08/21-09/08/07	J410C1CP
	ND	250	253 D	ug/L	100	1.5	SW846 6010B	08/21-09/08/07	J410C1CQ
			Dilution Factor: 2						
Iron									
	245	500	756 D	ug/L	102		SW846 6010B	08/21-09/05/07	J410C1CR
	245	500	725 D	ug/L	96	4.1	SW846 6010B	08/21-09/05/07	J410C1CT
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/08/07 **Date Received..:** 08/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	5230	25000	30400 D	ug/L	101		SW846 6010B	08/21-09/08/07	J410C1CU
	5230	25000	30800 D	ug/L	102	1.4	SW846 6010B	08/21-09/08/07	J410C1CV
			Dilution Factor: 2						
Manganese									
	21.6	250	277 D	ug/L	102		SW846 6010B	08/21-09/08/07	J410C1CW
	21.6	250	280 D	ug/L	103	1.2	SW846 6010B	08/21-09/08/07	J410C1CX
			Dilution Factor: 2						
Nickel									
	ND	250	244 D	ug/L	98		SW846 6010B	08/21-09/08/07	J410C1C0
	ND	250	249 D	ug/L	100	2.1	SW846 6010B	08/21-09/08/07	J410C1C1
			Dilution Factor: 2						
Potassium									
	ND	25000	23400 D	ug/L	94		SW846 6010B	08/21-09/05/07	J410C1C2
	ND	25000	22300 D	ug/L	89	4.8	SW846 6010B	08/21-09/05/07	J410C1C3
			Dilution Factor: 2						
Silver									
	3.6	25.0	23.1 D	ug/L	78		SW846 6010B	08/21-09/08/07	J410C1C4
	3.6	25.0	25.9 D	ug/L	89	12	SW846 6010B	08/21-09/08/07	J410C1C5
			Dilution Factor: 2						
Sodium									
	2180	25000	28800 D	ug/L	106		SW846 6010B	08/21-09/05/07	J410C1C6
	2180	25000	28000 D	ug/L	103	2.7	SW846 6010B	08/21-09/05/07	J410C1C7
			Dilution Factor: 2						
Strontium									
	103	500	624 D	ug/L	104		SW846 6010B	08/21-09/08/07	J410C1C8
	103	500	631 D	ug/L	106	1.1	SW846 6010B	08/21-09/08/07	J410C1C9
			Dilution Factor: 2						
Vanadium									
	ND	250	251 D	ug/L	100		SW846 6010B	08/21-09/08/07	J410C1DA
	ND	250	256 D	ug/L	102	2.1	SW846 6010B	08/21-09/08/07	J410C1DC
			Dilution Factor: 2						
Zinc									
	ND	250	286 D	ug/L	114		SW846 6010B	08/21-09/08/07	J410C1DD
	ND	250	291 D	ug/L	116	1.7	SW846 6010B	08/21-09/08/07	J410C1DE
			Dilution Factor: 2						

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

MS Lot-Sample #: F7H160277-006 **Prep Batch #...:** 7233289

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	246 D	ug/L	99		SW846 6010B	08/21-09/07/07	J417M1AX
	ND	250	245 D	ug/L	98	0.59	SW846 6010B	08/21-09/07/07	J417M1A0
			Dilution Factor: 2						
Barium									
	61.2	1000	1090 D	ug/L	103		SW846 6010B	08/21-09/07/07	J417M1A1
	61.2	1000	1090 D	ug/L	103	0.15	SW846 6010B	08/21-09/07/07	J417M1A2
			Dilution Factor: 2						
Beryllium									
	ND	25.0	25.8 D	ug/L	103		SW846 6010B	08/21-09/07/07	J417M1A3
	ND	25.0	25.8 D	ug/L	103	0.07	SW846 6010B	08/21-09/07/07	J417M1A4
			Dilution Factor: 2						
Cadmium									
	ND	25.0	24.7 D	ug/L	99		SW846 6010B	08/21-09/07/07	J417M1A5
	ND	25.0	24.6 D	ug/L	98	0.24	SW846 6010B	08/21-09/07/07	J417M1A6
			Dilution Factor: 2						
Calcium									
	71800	25000	97500 D	ug/L	103		SW846 6010B	08/21-09/07/07	J417M1A7
	71800	25000	96800 D	ug/L	100	0.72	SW846 6010B	08/21-09/07/07	J417M1A8
			Dilution Factor: 2						
Chromium									
	13.5	100	120 D	ug/L	106		SW846 6010B	08/21-09/07/07	J417M1A9
	13.5	100	122 D	ug/L	108	1.4	SW846 6010B	08/21-09/07/07	J417M1CA
			Dilution Factor: 2						
Cobalt									
	ND	250	243 D	ug/L	97		SW846 6010B	08/21-09/07/07	J417M1CC
	ND	250	244 D	ug/L	98	0.43	SW846 6010B	08/21-09/07/07	J417M1CD
			Dilution Factor: 2						
Copper									
	ND	125	130 D	ug/L	104		SW846 6010B	08/21-09/07/07	J417M1CE
	ND	125	129 D	ug/L	103	0.41	SW846 6010B	08/21-09/07/07	J417M1CF
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	539 D	ug/L	102		SW846 6010B	08/21-09/05/07	J417M1CG
	ND	500	537 D	ug/L	102	0.36	SW846 6010B	08/21-09/05/07	J417M1CH
			Dilution Factor: 2						
Magnesium									
	20100	25000	45200 D	ug/L	100		SW846 6010B	08/21-09/07/07	J417M1CJ
	20100	25000	45000 D	ug/L	99	0.45	SW846 6010B	08/21-09/07/07	J417M1CK
			Dilution Factor: 2						
Manganese									
	9.4	250	262 D	ug/L	101		SW846 6010B	08/21-09/07/07	J417M1CL
	9.4	250	266 D	ug/L	102	1.5	SW846 6010B	08/21-09/07/07	J417M1CM
			Dilution Factor: 2						
Nickel									
	ND	250	253 D	ug/L	97		SW846 6010B	08/21-09/07/07	J417M1CN
	ND	250	252 D	ug/L	97	0.12	SW846 6010B	08/21-09/07/07	J417M1CP
			Dilution Factor: 2						
Potassium									
	9790	25000	33300 D	ug/L	94		SW846 6010B	08/21-09/05/07	J417M1CQ
	9790	25000	32400 D	ug/L	90	2.6	SW846 6010B	08/21-09/05/07	J417M1CR
			Dilution Factor: 2						
Silver									
	ND	25.0	27.7 D	ug/L	104		SW846 6010B	08/21-09/07/07	J417M1CT
	ND	25.0	27.9 D	ug/L	104	0.50	SW846 6010B	08/21-09/07/07	J417M1CU
			Dilution Factor: 2						
Sodium									
	31900	25000	58200 D	ug/L	105		SW846 6010B	08/21-09/05/07	J417M1CV
	31900	25000	57400 D	ug/L	102	1.5	SW846 6010B	08/21-09/05/07	J417M1CW
			Dilution Factor: 2						
Strontium									
	411	500	954 D	ug/L	109		SW846 6010B	08/21-09/07/07	J417M1CX
	411	500	950 D	ug/L	108	0.40	SW846 6010B	08/21-09/07/07	J417M1C0
			Dilution Factor: 2						
Vanadium									
	16.5	250	273 D	ug/L	103		SW846 6010B	08/21-09/07/07	J417M1C1
	16.5	250	272 D	ug/L	102	0.27	SW846 6010B	08/21-09/07/07	J417M1C2
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	285 D	ug/L	109		SW846 6010B	08/21-09/07/07	J417M1C3
	ND	250	280 D	ug/L	107	1.7	SW846 6010B	08/21-09/07/07	J417M1C4

Dilution Factor: 2

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7H170278-003 **Prep Batch #...:** 7235340									
Arsenic									
	ND	1000	975	ug/L	98		SW846 6020	08/23-09/04/07	J441W1AC
	ND	1000	963	ug/L	96	1.2	SW846 6020	08/23-09/04/07	J441W1AD

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 #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

MS Lot-Sample #: F7H170286-001 **Prep Batch #...:** 7233293

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	273 D	ug/L	109		SW846 6010B	08/21-09/08/07	J443C1AX
	ND	250	271 D	ug/L	108	0.79	SW846 6010B	08/21-09/08/07	J443C1A0
			Dilution Factor: 2						
Barium									
	139	1000	1150 D	ug/L	102		SW846 6010B	08/21-09/08/07	J443C1A1
	139	1000	1190 D	ug/L	105	2.9	SW846 6010B	08/21-09/08/07	J443C1A2
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.6 D	ug/L	106		SW846 6010B	08/21-09/08/07	J443C1A3
	ND	25.0	27.2 D	ug/L	109	2.3	SW846 6010B	08/21-09/08/07	J443C1A4
			Dilution Factor: 2						
Cadmium									
	ND	25.0	25.4 D	ug/L	102		SW846 6010B	08/21-09/08/07	J443C1A5
	ND	25.0	25.5 D	ug/L	102	0.55	SW846 6010B	08/21-09/08/07	J443C1A6
			Dilution Factor: 2						
Calcium									
	145000	25000	165000	ug/L	77		SW846 6010B	08/21-09/08/07	J443C1A7
			Qualifiers: D						
	145000	25000	175000	ug/L	117	5.9	SW846 6010B	08/21-09/08/07	J443C1A8
			Qualifiers: D						
			Dilution Factor: 5						
Chromium									
	678	100	762 D	ug/L	84		SW846 6010B	08/21-09/08/07	J443C1A9
	678	100	786 D	ug/L	109	3.1	SW846 6010B	08/21-09/08/07	J443C1CA
			Dilution Factor: 2						
Cobalt									
	ND	250	248 D	ug/L	98		SW846 6010B	08/21-09/08/07	J443C1CC
	ND	250	254 D	ug/L	101	2.5	SW846 6010B	08/21-09/08/07	J443C1CD
			Dilution Factor: 2						
Copper									
	4.2	125	126 D	ug/L	98		SW846 6010B	08/21-09/08/07	J443C1CE
	4.2	125	129 D	ug/L	100	2.0	SW846 6010B	08/21-09/08/07	J443C1CF
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	521 D	ug/L	100		SW846 6010B	08/21-09/05/07	J443C1CG
	ND	500	540 D	ug/L	103	3.5	SW846 6010B	08/21-09/05/07	J443C1CH
			Dilution Factor: 2						
Magnesium									
	47400	25000	71200 D	ug/L	96		SW846 6010B	08/21-09/08/07	J443C1CJ
	47400	25000	73300 D	ug/L	104	2.9	SW846 6010B	08/21-09/08/07	J443C1CK
			Dilution Factor: 2						
Manganese									
	ND	250	254 D	ug/L	101		SW846 6010B	08/21-09/08/07	J443C1CL
	ND	250	262 D	ug/L	104	3.2	SW846 6010B	08/21-09/08/07	J443C1CM
			Dilution Factor: 2						
Nickel									
	ND	250	248 D	ug/L	97		SW846 6010B	08/21-09/08/07	J443C1CN
	ND	250	254 D	ug/L	100	2.6	SW846 6010B	08/21-09/08/07	J443C1CP
			Dilution Factor: 2						
Potassium									
	8060	25000	31400 D	ug/L	93		SW846 6010B	08/21-09/05/07	J443C1CQ
	8060	25000	36300 D	ug/L	113	15	SW846 6010B	08/21-09/05/07	J443C1CR
			Dilution Factor: 2						
Silver									
	ND	25.0	25.4 D	ug/L	101		SW846 6010B	08/21-09/08/07	J443C1CT
	ND	25.0	24.7 D	ug/L	99	2.7	SW846 6010B	08/21-09/08/07	J443C1CU
			Dilution Factor: 2						
Sodium									
	63500	25000	89300 D	ug/L	103		SW846 6010B	08/21-09/05/07	J443C1CV
	63500	25000	91200 D	ug/L	111	2.1	SW846 6010B	08/21-09/05/07	J443C1CW
			Dilution Factor: 2						
Strontium									
	602	500	1080 D	ug/L	95		SW846 6010B	08/21-09/08/07	J443C1CX
	602	500	1160 D	ug/L	112	7.8	SW846 6010B	08/21-09/08/07	J443C1C0
			Dilution Factor: 5						
Vanadium									
	17.6	250	269 D	ug/L	100		SW846 6010B	08/21-09/08/07	J443C1C1
	17.6	250	274 D	ug/L	102	1.9	SW846 6010B	08/21-09/08/07	J443C1C2
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/16/07 **Date Received..:** 08/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	300 D	ug/L	114		SW846 6010B	08/21-09/08/07	J443C1C3
	ND	250	301 D	ug/L	114	0.28	SW846 6010B	08/21-09/08/07	J443C1C4

Dilution Factor: 2

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/20/07 **Date Received..:** 08/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7H210279-001 **Prep Batch #...:** 7235340									
Arsenic									
	2.7	1000	967	ug/L	96		SW846 6020	08/23-09/04/07	J5AV51AD
	2.7	1000	947	ug/L	94	2.2	SW846 6020	08/23-09/04/07	J5AV51AE

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: B1P863

General Chemistry

Lot-Sample #...: F7H140246-002 **Work Order #...:** J4TVJ **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**12.7**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P867

General Chemistry

Lot-Sample #...: F7H140246-004 **Work Order #...:** J4TVV **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**14.2**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P871

General Chemistry

Lot-Sample #...: F7H140246-006 **Work Order #...:** J4TV6 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**23.5**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P875

General Chemistry

Lot-Sample #...: F7H140246-008 **Work Order #...:** J4TV9 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.1**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P879

General Chemistry

Lot-Sample #...: F7H140246-010 **Work Order #...:** J4TWD **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**9.7**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P883

General Chemistry

Lot-Sample #...: F7H140246-012 **Work Order #...:** J4TWG **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**24.7**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1PB90

General Chemistry

Lot-Sample #...: F7H140246-014 **Work Order #...:** J4T43 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**14.6**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1P859

General Chemistry

Lot-Sample #...: F7H160277-010 **Work Order #...:** J4173 **Matrix.....:** WATER
Date Sampled...: 08/15/07 **Date Received..:** 08/16/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**12.1**	**5.0**	**ug/L**	**SW846 9020B**	**08/29/07**	**7243375**
		Dilution Factor: 1		MDL.....: 2.2		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL705 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: J462E1AA		MB Lot-Sample #:	F7H150000-392	
	ND	1.0	mg/L	SW846 9060	08/17/07	7227392
		Dilution Factor: 1				
TOX		Work Order #: J52XL1AA		MB Lot-Sample #:	F7H310000-375	
	ND	5.0	ug/L	SW846 9020B	08/29/07	7243375
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		WO#:J462E1AC-LCS/J462E1AD-LCSD				LCS Lot-Sample#: F7H150000-392		
	6.00	5.76	mg/L	96		SW846 9060	08/17/07	7227392
	6.00	5.69	mg/L	95	1.2	SW846 9060	08/17/07	7227392

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 #...: SL705 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #:	J52XL1AC	LCS Lot-Sample#:	F7H310000-375	
	100	103	ug/L	103	SW846 9020B	08/29/07	7243375
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL705 **Matrix.....:** WATER
Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon			Work Order #...:		J4TVJ1C8	MS Lot-Sample #:		F7H140246-002
	ND	5.00	4.88	mg/L	98	SW846 9060	08/17/07	7227392
			Dilution Factor: 1					
TOX			Work Order #...:		J4TVJ1A1	MS Lot-Sample #:		F7H140246-002
	12.7	100	122	ug/L	109	SW846 9020B	08/29/07	7243375
			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 #...: F7H100369 **Work Order #...:** J4TVJ-SMP J4TVJ-DUP **Matrix.....:** WATER

Date Sampled...: 08/13/07 **Date Received..:** 08/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F7H140246-002	
	ND	ND	mg/L	0	(0-20)	SW846 9060	08/17/07	7227392
			Dilution Factor: 1					
TOX						SD Lot-Sample #:	F7H140246-002	
	12.7	10	ug/L	24	(0-20)	SW846 9020B	08/29/07	7243375
			Dilution Factor: 1					