1214402

STL

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045

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ANALYTICAL REPORT

S07-006

Lot #: F7F300110
SDG #: SL701

Steve Trent

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

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TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

AUG 31 2007

August 28, 2007

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CASE NARRATIVE

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Fluor Hanford Inc.
P.O. Box 1000
Richland, Washington 99352
August 23, 2007
Attention: Steve Trent

SDG	:	SL701
Number of Samples	:	70 samples
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	July 14, 2007

II. Introduction

Between between June 30, 2007 and July 12, 2007, seventy (70) 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: S07-006, S07-007, W07-006, W07-007, G07-006, I07-048, and I07-054.

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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.

Volatiles

The RPD for the LCS/LCSD in batch 7193359 for Carbon Disulfide and 1,4-Dioxane are outside of the QC limits. The percent recoveries for both analytes in the LCS/LCSD and MS/MSD in this batch are within QC limits.

Affected Samples:

F7F300110 (2): B1NL33	F7G030340 (1): B1NK50
F7F300110 (4): B1NL61	F7G030340 (2): B1NK54
F7F300110 (6): B1NL65	F7G030340 (3): B1NK58
F7F300110 (9): B1NLD5	F7G030340 (4): B1NLD6

Methylene chloride was observed in the method blank (2.78ug/L) in batch 7193359 above the reporting limit. Methylene chloride is a recognized potential laboratory contaminant. Methylene Chloride in all associated samples, except F7F300110-009 (B1NLD5), was non-detect. Sample F7F300110-009 (B1NLD5) was re-analyzed and the results of the re-analysis confirm the original, reported results.

Affected Samples:

F7F300110 (2): B1NL33	F7G030340 (1): B1NK50
F7F300110 (4): B1NL61	F7G030340 (2): B1NK54
F7F300110 (6): B1NL65	F7G030340 (3): B1NK58
F7F300110 (9): B1NLD5	F7G030340 (4): B1NLD6

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

LCS/LCSD recoveries for Carbon Disulfide and 4-Methyl-2-pentanone failed high in the LCS/LCSD. Recoveries are within marginal exceedance limits, and within the number of analytes allowed. Neither analyte was detected in the associated samples.

The MS and MSD recoveries for Carbon Disulfide and 4-Methyl-2-pentanone are outside the established QC limits. The RPDs are within method acceptance criteria indicating a possible matrix interference.

Affected Samples:

F7G060189 (1): B1NK63
F7G060189 (2): B1NLD7
F7G110183 (1): B1NLD8
F7G110184 (1): B1NYN5
F7G110184 (2): B1NYM8
F7G110184 (3): B1NYM9
F7G110184 (10): B1NY89
F7G110184 (11): B1NY98
F7G110184 (12): B1NY86
F7G110184 (13): B1NYB1
F7G110184 (14): B1NY92
F7G110184 (15): B1NY95

According to the COC, the associated sample was presumed to be preserved to a pH < 2. Due to the potential loss of volatile constituents, VOA vials are not checked for pH preservation until time of analysis. The sample pH was not less than 2, resulting in analysis being performed outside the 7 day holding time for unpreserved samples.
Affected Samples:
F7G060189 (2): B1NLD7

For a large number of analytes in the LCS, it becomes statistically likely that a few will be outside the laboratory QC limits. Upper and lower marginal exceedance (ME) limits have been established to determine when corrective action is necessary. The number of allowable marginal exceedances is based on the number of analytes in the LCS.

LCS recoveries for Acetone, Carbon Disulfide, Chloroform, and 4-Methyl-2-pentanone in batch 7200645 are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The RPDs for Acetone, Carbon Disulfide, Chloroform, and 4-Methyl-2-pentanone in batch 7200645 are outside of the QC limits.
Affected Samples:
F7G120208 (5): B1NYB7
F7G120208 (6): B1NYB4
F7G120212 (2): B1NL02
F7G120212 (3): B1NLD9

The associate sample in batch 7200651 was analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7G110184 (15): B1NY95

Diesel Range Organics

The Method Blank surrogate recovery is outside acceptance limits. Samples associated with this method blank demonstrated acceptable surrogate recoveries indicating the surrogate excursion is isolated to the method blank and not indicative of the batch.
Affected Samples:

F7G070113 (1): B1NJD2 F7G090174 (1): B1NWY1

Gasoline Range Organics

The Continuing Calibration Surrogate recoveries were outside of the upper QC limits. The samples associated with this Continuing Calibration had surrogate recoveries within the established QC limits.

Affected Samples:

F7G070113 (1): B1NJD2 F7G090174 (1): B1NWY1

The MS/MSD Surrogate recoveries and LCS Surrogate recovery are outside acceptance limits. MS/MSD spike recoveries and LCS spike recovery are within QC limits demonstrating acceptable sample extraction and instrument performance. There is an apparent anomaly in the surrogate addition, isolated to the MS/MSD and LCS and not indicative of the batch.

Affected Samples:

F7G070113 (1): B1NJD2 F7G090174 (1): B1NWY1

ICP Metals

Beryllium, Cadmium and Chromium were observed in the CCB in batch 7183294 above the reporting limit. 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:

F7F300110 (1): B1NL32 F7F300110 (5): B1NL64
F7F300110 (3): B1NL60 F7F300110 (7): B1NL67

The associated samples in Batch 7183294 were analyzed at a dilution due to high concentrations of the target analyte Calcium. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7F300110 (1): B1NL32 F7F300110 (5): B1NL64
F7F300110 (3): B1NL60 F7F300110 (7): B1NL67

The samples in batches 7186385, 7189028, 7198253, and 7198243 were analyzed at a dilution due to high concentrations of the target analyte Calcium. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7G030337 (1): B1NN01 F7G060257 (10): B1NYL5
F7G030337 (2): B1NN67 F7G060257 (11): B1NYL8

F7G060257 (1): B1NYJ7
F7G060257 (2): B1NYJ8
F7G060257 (3): B1NYK2
F7G060257 (4): B1NYK3
F7G060257 (5): B1NYK6
F7G060257 (6): B1NYK7
F7G060257 (7): B1NYL0
F7G060257 (8): B1NYL1
F7G060257 (9): B1NYL4
F7G060257 (12): B1NYL9
F7G070109 (2): B1NJ48
F7G110184 (4): B1NYM2
F7G110184 (5): B1NYM3
F7G110184 (6): B1NY73
F7G110184 (8): B1NY75
F7G110184 (9): B1NY69
F7G120212 (1): B1NL01

TOX

The samples for TOX in batch 7212096 had to be re-prepped and re-analyzed due to instrument malfunction. The samples had headspace which allows the volatile component in the samples to react with air affecting results.

Affected Samples:

F7G060257 (2): B1NYJ8
F7G060257 (4): B1NYK3
F7G060257 (6): B1NYK7
F7G060257 (8): B1NYL1
F7G060257 (17): B1NYH1
F7G060257 (18): B1NYH2
F7G060257 (19): B1NYH3
F7G060257 (20): B1NYH4

The CCV recovery was outside the upper QC limit (greater than 110%) for TOX in batch 7213127 indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples.

Affected Samples:

F7G120208 (1): B1NXX9
F7G120208 (2): B1NXY0
F7G120208 (3): B1NXY1
F7G120208 (4): B1NXY2

TOX in batch 7213127 was observed in the CCB above the reporting limit. Associated samples were not detected above the reporting limit for the contaminant.

Affected Samples:

F7G120208 (1): B1NXX9
F7G120208 (2): B1NXY0
F7G120208 (3): B1NXY1
F7G120208 (4): B1NXY2

Ammonia

The MS recovery for Ammonia in batch 7198128 is outside the established QC limits. Matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

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Affected Samples:
F7G110184 (1): B1NYN5
F7G110184 (2): B1NYM8
F7G110184 (3): B1NYM9

Ion Chromatography

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Fluoride in batch 7190074, Sulfate in batch 7190075, Nitrite in batch 7190076, and Orthophosphate in batch 7190191 is attributed to matrix interference.
Affected Samples:
F7G070109 (1): B1NJ46
F7G070109 (3): B1NJ49

Nitrate was observed in the CCB above the reporting limit. 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. Original results are reported in batch 7194334.
Affected Samples:
F7G120212 (2): B1NL02

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

Alkalinity
ICP-MS Metals
Semi-Volatiles
Total Organic Carbon

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

Reviewed and approved:

Michael Franks
St. Louis Project Manager

METHODS SUMMARY

SL701

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Extractable Petroleum Hydrocarbons	SW846 8015 MOD	SW846 3510
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Nitrate as NO3	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Phosphate as P, Ortho	MCAWW 300.0A	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015 MOD	SW846 5030

References:

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

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

SAMPLE SUMMARY

SL701 : F7F300110

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1526	001	B1NL32	06/29/07	13:47
J1529	002	B1NL33	06/29/07	13:47
J153L	003	B1NL60	06/29/07	08:59
J153M	004	B1NL61	06/29/07	08:59
J153V	005	B1NL64	06/29/07	08:59
J1530	006	B1NL65	06/29/07	08:59
J1534	007	B1NL67	06/29/07	10:00
J1535	008	B1NL68	06/29/07	10:00
J1538	009	B1NLD5	06/29/07	08:59

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G030337

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2AA4	001	B1NN01	07/02/07	13:14
J2AA7	002	B1NN67	07/02/07	14:14

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SAMPLE SUMMARY

SL701 : F7G030340

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2ACW	001	B1NK50	06/30/07	12:44
J2ACX	002	B1NK54	06/30/07	10:36
J2AC1	003	B1NK58	06/30/07	11:31
J2AC2	004	B1NLD6	06/30/07	10:36

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SAMPLE SUMMARY

SL701 : F7G060189

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2E2Q	001	B1NK63	07/03/07	09:49
J2E2V	002	B1NLD7	07/03/07	09:49

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G060253

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2FPV	001	B1NX94	07/05/07	09:27
J2FPX	002	B1NX99	07/05/07	08:31
J2FP2	003	B1NXC6	07/03/07	14:08

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SAMPLE SUMMARY

SL701 : F7G060257

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2FQ0	001	B1NYJ7	07/05/07	10:20
J2FQ4	002	B1NYJ8	07/05/07	10:20
J2FQ8	003	B1NYK2	07/05/07	09:27
J2FRA	004	B1NYK3	07/05/07	09:27
J2FRF	005	B1NYK6	07/05/07	08:31
J2FRJ	006	B1NYK7	07/05/07	08:31
J2FTP	007	B1NYL0	07/05/07	09:40
J2FTQ	008	B1NYL1	07/05/07	09:40
J2FTW	009	B1NYL4	07/05/07	10:51
J2FT2	010	B1NYL5	07/05/07	10:51
J2FT8	011	B1NYL8	07/05/07	08:40
J2FVA	012	B1NYL9	07/05/07	08:40
J2FVF	013	B1NYD6	07/03/07	12:16
J2FVN	014	B1NYD7	07/03/07	12:16
J2FVP	015	B1NYD8	07/03/07	12:16
J2FVQ	016	B1NYD9	07/03/07	12:16
J2FVV	017	B1NYH1	07/03/07	11:21
J2FV2	018	B1NYH2	07/03/07	11:21
J2FV4	019	B1NYH3	07/03/07	11:21
J2FV5	020	B1NYH4	07/03/07	11:21

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SAMPLE SUMMARY

SL701 : F7G070109

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2GNJ	001	B1NJ46	07/06/07	10:24
J2GNV	002	B1NJ48	07/06/07	09:22
J2GNW	003	B1NJ49	07/06/07	09:22

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G070113

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2GNX	001	B1NJD2	07/06/07	10:24

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SAMPLE SUMMARY

SL701 : F7G090174

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2H61	001	B1NWY1	07/06/07	10:22

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SAMPLE SUMMARY

SL701 : F7G110183

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2MGD	001	B1NLD8	07/10/07	09:35

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G110184

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2MGG	001	B1NYN5	07/10/07	09:05
J2MGH	002	B1NYM8	07/10/07	08:27
J2MGL	003	B1NYM9	07/10/07	07:30
J2MGM	004	B1NYM2	07/10/07	11:24
J2MGP	005	B1NYM3	07/10/07	11:24
J2MG0	006	B1NY73	07/10/07	10:40
J2MG3	007	B1NY74	07/10/07	10:40
J2MHM	008	B1NY75	07/10/07	10:40
J2MHQ	009	B1NY69	07/10/07	10:05
J2MHR	010	B1NY89	07/10/07	09:35
J2MHW	011	B1NY98	07/10/07	13:13
J2MH1	012	B1NY86	07/10/07	10:22
J2MH3	013	B1NYB1	07/10/07	13:18
J2MH5	014	B1NY92	07/10/07	12:32
J2MH7	015	B1NY95	07/10/07	11:50

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G120208

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2QGQ	001	B1NXX9	07/11/07	11:54
J2QGR	002	B1NXY0	07/11/07	11:54
J2QGV	003	B1NXY1	07/11/07	11:54
J2QGW	004	B1NXY2	07/11/07	11:54
J2QGX	005	B1NYB7	07/11/07	10:19
J2QG3	006	B1NYB4	07/11/07	11:05

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(Continued on next page)

SAMPLE SUMMARY

SL701 : F7G120212

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J2QHG	001	B1NL01	07/11/07	12:45
J2QHL	002	B1NL02	07/11/07	12:45
J2QHV	003	B1NLD9	07/11/07	10:19

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# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-272

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506-6	Ice Chest No. CRP-03-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7996 6767 3253
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL32 (F)		W	6-29-07	1347	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL33		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL33		W			1x20-mL P	Activity Scan	None
B1NL33		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL33		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			JUN 29 2007 1400	FedEx			
FEDEX				B-Di			6/30/07 0845

Matrix *

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

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

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SDG # STL ST. LOUIS

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-464

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	HNF-N-506-6	Ice Chest No.: ORP-03-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6767 3253
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL60 (F)		W	6-29-07	0859	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL61		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL61		W			1x20-mL P	Activity Scan	None
B1NL61		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL61		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1NL61		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 (13)	Cool 4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford R. T. SICKLE	JUN 2 9 2007 1400	FedEx	
FEDEX		B-Dil	6/30/07 0845

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

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-465

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	HWA 5066	Ice Chest No.: GRP-03-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6767 3253
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL64 (F)		W	6-29-07	0859	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL65		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL65		W			1x20-mL P	Activity Scan	None
B1NL65		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL65		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1NL65		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 (13)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			JUN 2 9 2007 1400	FedEx			
FEDEX				B-Ai			6/30/07 0845

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

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FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-470

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506-6	Ice Chest No.: GRP-03-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6767 3253
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL67 (F)		W	6-29-07	1000	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL68		W			1x20-mL P	Activity Scan	None
B1NL68		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL68		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			JUN 29 2007 1400	FedEX			
FEDEX				B-Air			6/30/07 0845

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

STL ST. LOUIS

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SDC# SL701

STL ST. LOUIS

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-490

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506-6	Ice Chest No.: GRP-07-019 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6767 3253
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NLD5		W	6-29-07	0859	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NLD5		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			JUN 29 2007 1400	FedEX			
FEDEX				6-Pl			6/30/07 0845

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

2007310

Track Shipments
Detailed Results

Quick Help

Tracking number	799667673253	**Reference**	GRP-03-019
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 29, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 30, 2007 8:36 AM	**Service type**	Priority Overnight
		Weight	75.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 30, 2007	8:36 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	
	6:31 AM	At dest sort facility	BERKELEY, MO	
	4:23 AM	Departed FedEx location	MEMPHIS, TN	
	1:15 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 29, 2007	5:25 PM	Left origin	PASCO, WA	
	4:03 PM	Picked up	PASCO, WA	
	3:12 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 ST. LOUIS

STL

Lot #(s): F7F300110

- 1859 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 75434
COC/RFA No: See below
Initiated By: bo
Date: 6/30/07
Time: 0845

Shipping Information

Shipper Name: FE

Multiple Packages Y (N)

Shipping # (s):*

1. 7996 6767 3253
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	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: 507-006-272, 464, 465, 470, 490

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: 7-5-07

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.

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-006-356**

Page 1 of 1

Contact/Requester: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JUNE 2007	HNF-N 5066	Ice Chest No. Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7907 7507 6043
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
B1NN01 (F)		W	7-2-07	1314	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NN02		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			JUL 0 2 2007 1400	FedEX			
Relinquished By: FEDEX			Date/Time	Received By: B-R-P			7/3/07 0945
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

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SDG# STL 01

STL ST. LOUIS

FLUOR HANFORD
9L701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-006-432**

Page 1 of 1

Collector Steve Overdahl, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-006	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, JUNE 2007	HWF-N-506-6	**Ice Chest No.** **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79077507 6043
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
B1NN67 (F)		W	7-2-07	1414	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NN68		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			JUL 0 2 2007 1400	FedEx			
FEDEX							7/3/07 0945
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

30 OCT 310

Track Shipments
Detailed Results

Quick Help

Tracking number	790775076043	**Reference**	SAWS107
Signed for by	A.BRUNSN	**Destination**	Earth City, MO
Ship date	Jul 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 3, 2007 9:43 AM	**Service type**	Priority Overnight
		Weight	27.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 3, 2007	9:43 AM	**Delivered**	Earth City, MO	
	7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:41 AM	At local FedEx facility	EARTH CITY, MO	
	4:26 AM	At dest sort facility	BERKELEY, MO	
	4:16 AM	Departed FedEx location	MEMPHIS, TN	
	12:47 AM	Arrived at FedEx location	MEMPHIS, TN	
Jul 2, 2007	5:39 PM	Left origin	PASCO, WA	
	4:36 PM	Package data transmitted to FedEx		
	4:24 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 ST. LOUIS

STL

Lot #(s): F7G030337 340

- 1855 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 75638, 75634
COC/RFA No: See below
Initiated By: BD
Date: 7/3/07
Time: 0945

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7913 3457 6395
2. 7967 7507 6043
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	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. S07-006-392, 400, 408, 491
2. W07-006-356, 432

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: 7/5/07

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.

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

5L701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-392

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	HNF-N-506-7	Ice Chest No.: K-4F Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4557 6395
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NK50		W	6/30/7	1244	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NK50		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			7-2-07 1,00	FED Ex			
FEDEX							7/3/07 0945

Matrix *

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

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

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SDG# SL201

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-400

Collector: Fluor Hanford P. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	HHF-N-506-7	Ice Chest No.: K-4F Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4557 6395
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NK54		W	6/30/7	1036	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NK54		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford P. M. HALL			7-2-07 1500	FED Ex			
FEDEX				B-D-P			7/3/07 0945

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

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FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-408

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	HNF-N-506-7	Ice Chest No.: K-4F Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4557 6395
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NK58		W	6/30/7	1131	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NK58		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			7-2-07 1500	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-Dil			7/3/07 0945
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

SDOC#: STL-SL
STL ST. LOUIS
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SDG# STL1

STL ST. LOUIS

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-491

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HHF-M-506-7	Ice Chest No.: K-4F Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4557 6395
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NLD6		W	6/30/7	1036	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NLD6		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			7-2-07 1500	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-Pil			7/3/07 0945
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

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Track Shipments
Detailed Results

Quick Help

Tracking number	791334576395	**Reference**	K-4F
Signed for by	A.BRUNSN	**Destination**	Earth City, MO
Ship date	Jul 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 3, 2007 9:43 AM	**Service type**	Priority Overnight
		Weight	20.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 3, 2007	9:43 AM	**Delivered**	Earth City, MO	
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:31 AM	At local FedEx facility	EARTH CITY, MO	
	4:26 AM	At dest sort facility	BERKELEY, MO	
	4:16 AM	Departed FedEx location	MEMPHIS, TN	
	12:47 AM	Arrived at FedEx location	MEMPHIS, TN	
Jul 2, 2007	5:39 PM	Left origin	PASCO, WA	
	4:24 PM	Picked up	PASCO, WA	
	10:34 AM	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): F7G030337
- 1855 - 340

Condition Upon Receipt Form

Client: Hanford
Quote No: 75638, 75634
COC/RFA No: See below
Initiated By: BD
Date: 7/3/07
Time: 0945

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7913 3457 6395
2. 7907 7507 6043
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	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. S07-006-392, 400, 408, 491
2. W07-006-356, 432

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: 7-5-07

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 04/18/07\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDG: SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-418

Page 1 of 1

Collector: Fluor Hanford F.M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506 9	Ice Chest No.: GWS-99 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 7340 1490
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NK63		W	7-3-07	0949	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NK63		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F.M. HALL			7-5-07 JUL 0 3 2007	FED EX			7-3-07
FEDEX				B-L			7/6/07 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

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SDG# SL701

FLUOR HANFORD SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-492

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506 9	Ice Chest No.: GWS99 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 7340 1490
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NLD7		W	7-3-07	0949	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NLD7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			7-5-07 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-Dip			7/6/07 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 = 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

STL ST. LOUIS

FB 310

Track Shipments
Detailed Results

Quick Help

Tracking number	792373401490	**Reference**	GWS-99
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jul 5, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 6, 2007 9:28 AM	**Service type**	Priority Overnight
		Weight	50.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 6, 2007	9:28 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:26 AM	At local FedEx facility	EARTH CITY, MO	
	5:30 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Jul 5, 2007	5:37 PM	Left origin	PASCO, WA	
	3:50 PM	Picked up	PASCO, WA	
	1:51 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 ST. LOUIS

STL

Lot #(s): F7G060089
- 1609 - 253
257

Condition Upon Receipt Form

Client: Hanford
Quote No: 75634, 75995, 75996
COC/RFA No: See below
Initiated By: DB
Date: 7/6/07
Time: 0930

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7987 1205 1610	6.		
2. 7923 7340 1490	7.		
3.	8.		
4.	9.		
5.	10.		

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	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. W07-007-6, 9, 12, 15, 18, 27, S07-007-66, 74

2. W07-007-163, 169, S07-006-418, 492, S07-007-120

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: 7/6/07

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# SL701

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-66

Page 1 of 1

Collector: Fluor Hanford R. R. FOX	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HWF-N-5069	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NX94 (F)		W	7-5-07	0927	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NX95		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. R. FOX			JUL 05 2007 1460	FED EX			
FEDEX				B-N			7/6/07 0930

Matrix *

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

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

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-74

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Collector: Fluor Hanford R.R. FOX	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JULY 2007	HNF-N-504 9	Ice Chest No.: EBC-02-903 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NX99 (F)		W	7-5-07	0831	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NXB0		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R.R. FOX			JUL 05 2007 1400	FED EX			
FEDEX				B-R-1			7/6/07 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

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SDG# SL701

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-120

Page 1 of 1

STL ST. LOUIS

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HNF-N506-6	Ice Chest No.: GXS-99 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 7340 1490
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXC6 (F)		W	7-3-07	1400	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NXC7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By: Steve Overdahl, Fluor Hanford	Print / Sign	Date/Time 1400 7-5-07	Received By: FEDEX	Print / Sign	Date/Time
Relinquished By: FEDEX		Date/Time	Received By: B-Rie		Date/Time 7/6/07 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 = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

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

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Track Shipments

Detailed Results

Quick Help

Tracking number	798712051610	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jul 5, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 6, 2007 9:28 AM	**Service type**	Priority Overnight
		Weight	83.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 6, 2007	9:28 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:26 AM	At local FedEx facility	EARTH CITY, MO	
	5:30 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Jul 5, 2007	5:37 PM	Left origin	PASCO, WA	
	3:50 PM	Picked up	PASCO, WA	
	1:51 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	792373401490	**Reference**	GWS-99
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jul 5, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 6, 2007 9:28 AM	**Service type**	Priority Overnight
		Weight	50.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 6, 2007	9:28 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:26 AM	At local FedEx facility	EARTH CITY, MO	
	5:30 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Jul 5, 2007	5:37 PM	Left origin	PASCO, WA	
	3:50 PM	Picked up	PASCO, WA	
	1:51 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): F7G060189
- 1609 - 253
237

Condition Upon Receipt Form

Client: Hanford
Quote No: 75634, 75995, 75996
COC/RFA No: See below
Initiated By: BB
Date: 7/6/07
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7987 1205 1610
2. 7923 7340 1490
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. W07-007-6, 9, 12, 15, 18, 27, 507-007-66, 74

2. W07-007-163, 169, 507-006-418, 492, 507-007-120

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: 7/6/07

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 SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-6

Collector: Fluor Hanford R. R. FOX	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JULY 2007	HNF-N-506 9	Ice Chest No. ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYJ7 (F)		W	7-5-07	1020	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYJ8		W			1x20-mL P	Activity Scan	None
B1NYJ8		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYJ8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYJ8		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYJ8		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. R. FOX			JUL 05 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-H			7/6/07 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 = 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

STL ST. LOUIS

9 0 3 1 0

SDG# SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-9

Collector: Fluor Hanford R. R. FOX	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506 9	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYK2 (F)		W	7-5-07	0927	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYK3		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYK3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYK3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYK3		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYK3		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. R. FOX			JUL 05 2007 1400	FED Ex			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-Air			7/6/07 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 = 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

STL ST. LOUIS

SDG# SL701

310

SDG# SL701

FLUOR HANFORD

SL201

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-12

Page 1 of 1

STL ST. LOUIS

Collector: Fluor Hanford R. R. FOX	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506 9	Ice Chest No.: ERC-02-903 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYK6 (F)		W	7-5-07	0831	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYK7		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYK7		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYK7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYK7		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. R. FOX			1400 JUL 05 2007	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-A-T			7/6/07 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

SDG# SL701 310

SDG SL701

FLUOR HANFORD SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-15

STL ST. LOUIS

Collector: Dave Williamson	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007 Fluor Hanford	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506-C	Ice Chest No.: ERC-02-003 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYL0 (F)		W	7-5-07	0940	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYL1		W			1x20-mL P	Activity Scan	None
B1NYL1		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYL1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYL1		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson Fluor Hanford			JUL 05 2007 1400	FED EX			
FEDEX				B-[illegible]			7/6/07 0930

Matrix *

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

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

SDG 02 310

SDG: SL701

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-18

Page 1 of 1

STL ST. LOUIS

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HWF-N-506-6	Ice Chest No.: ERR-02-205 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYL4 (F)		W	7-5-07	1051	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYL5		W		1051	1x20-mL P	Activity Scan	None
B1NYL5		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYL5		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYL5		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford			JUL 05 2007 1400	FED EX			
FEDEX				B-A			7/6/07 0950

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

SDG: SL310

SDG: SL701

STL ST. LOUIS

FLUOR HANFORD SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-27

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506-6	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 1205 1610
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYL8 (F)		W	7-5-07	0840	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYL9		W			1x20-mL P	Activity Scan	None
B1NYL9		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYL9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYL9		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Dave Williamson, Fluor Hanford	JUL 05 2007 1100	FED EX	
FEDEX		B-R	7/6/07 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

S4 C5 310

SDG# SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-163

STL ST. LOUIS

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506-6	Ice Chest No.: CWS-99 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 7340 1490
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYD6		W	7-3-07	1216	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYD7		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYD8		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYD9		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYF5		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford — Steve Overdahl	7-5-07/1400	FEDEX	
FEDEX		6-Kl	7/6/07 0930

Matrix *

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

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

5 of 10

SDG# SL701

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-169

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HAF-N-506-6	Ice Chest No.: GWS-99 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7923 7340 1470
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.

1121 7-3-07

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYH1		W	7-3-07	0915	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYH1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYH2		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYH2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYH3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYH3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYH4		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYH4		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYH5		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			1400 7-5-07	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							7/6/07 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 = 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

STL ST. LOUIS

9 6 810

Track Shipments
Detailed Results

Quick Help

Tracking number	798712051610	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jul 5, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 6, 2007 9:28 AM	**Service type**	Priority Overnight
		Weight	83.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 6, 2007	9:28 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:26 AM	At local FedEx facility	EARTH CITY, MO	
	5:30 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Jul 5, 2007	5:37 PM	Left origin	PASCO, WA	
	3:50 PM	Picked up	PASCO, WA	
	1:51 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	792373401490	**Reference**	GWS-99
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jul 5, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 6, 2007 9:28 AM	**Service type**	Priority Overnight
		Weight	50.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 6, 2007	9:28 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:26 AM	At local FedEx facility	EARTH CITY, MO	
	5:30 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Jul 5, 2007	5:37 PM	Left origin	PASCO, WA	
	3:50 PM	Picked up	PASCO, WA	
	1:51 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 ST. LOUIS

STL

Lot #(s): F7G060189
- 1609 - 253
257

Condition Upon Receipt Form

Client: Hanford
Quote No: 75634, 75995, 75996
COC/RFA No: See below
Initiated By: BB
Date: 7/6/07
Time: 0930

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7987 1205 1610
2. 7923 7340 1490
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. W07-007-6, 9, 12, 15, 18, 27, S07-007-66, 74

2. W07-007-163, 169, S07-006-418, 492, S07-007-120

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: 7/6/07

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# [illegible]

ADMIN-0004, REVISED 04/18/07\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin009rev0.doc

SDG# SL781

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G07-006-44

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: G07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 1NR2-RB, JUNE 2007	HNF-N-506 9	Ice Chest No. Jump-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No. 7991 7113 0223
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
B1NJ46		W	7-6-07	1024	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ46		W	↓	↓	1x20-mL P	Activity Scan	None
B1NJ46		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			JUL 06 2007 1440	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				6-Lit			7/7/07 0840
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

SDG# SL810

SDG# SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G07-006-52

STL ST. LOUIS

Collector: K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: G07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 1NR2-RB, JUNE 2007	HNF-N-506-6	Ice Chest No.: Jump-4 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799171130223
Protocol: SURV	Priority: 45 Days	Offsite Property No.: N/A

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
B1NJ48 (F)		W	7-6-07	0922	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ49		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ49		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.B. HULSE			JUL 06 2007 1300	FEDEX			
Relinquished By: FEDEX			Date/Time	Received By: 8-Ai			Date/Time: 7/7/07 0840
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG# SL701 310

Track Shipments
Detailed Results

Quick Help

Tracking number	799171130223	**Reference**	JUMP 4
Signed for by	B.DANIALS	**Destination**	Earth City, MO
Ship date	Jul 6, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 7, 2007 8:27 AM	**Service type**	Priority Overnight
		Weight	56.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 7, 2007	8:27 AM	**Delivered**	Earth City, MO	
	7:50 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	3:52 AM	Departed FedEx location	MEMPHIS, TN	
Jul 6, 2007	5:26 PM	Left origin	PASCO, WA	
	3:46 PM	Picked up	PASCO, WA	
	2:57 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 ST. LOUIS

STL

Lot #(s): F7G070109
- 1870 - 113
090174

Condition Upon Receipt Form

Client: Hanford
Quote No: 75710, 75711,
COC/RFA No: G07-006-44, 52, I07-054-3, I07-048-7
Initiated By: BO
Date: 7/7/07
Time: 0840

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7991 7113 0223
2.
3.
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8.
9.
10.

Multiple Packages Y (N)

Sample Temperature (s):**

1. 3
2.
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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:

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: 7-12-07

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

SDG# SL701

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-048-7

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-048	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM-LOL JUNE 2007	HNF-N-506 9	Ice Chest No.: Jump-4 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799171130223
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
B1NJD2		W	2-6-07	1024	1x20-mL P	Activity Scan	None
B1NJD2		W	↓	↓	3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool 4C
B1NJD2		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
Steve Overdahl, Fluor Hanford	JUL 0 6 2007 1400	FED Ex	
FEDEX		B-Dil	7/7/07 0840

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

4 of 310

Track Shipments
Detailed Results

Quick Help

Tracking number	799171130223	**Reference**	JUMP 4
Signed for by	B.DANIALS	**Destination**	Earth City, MO
Ship date	Jul 6, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 7, 2007 8:27 AM	**Service type**	Priority Overnight
		Weight	56.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 7, 2007	8:27 AM	**Delivered**	Earth City, MO	
	7:50 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	3:52 AM	Departed FedEx location	MEMPHIS, TN	
Jul 6, 2007	5:26 PM	Left origin	PASCO, WA	
	3:46 PM	Picked up	PASCO, WA	
	2:57 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
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	English		
	English		
	English		

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

STL ST. LOUIS

STL

Lot #(s): F7G070109
- 1870 - 113
090174

Condition Upon Receipt Form

Client: Hanford
Quote No: 7576, 7571,
COC/RFA No: G07-006-44, 52, I07-054-3, I07-048-7
Initiated By: BO
Date: 7/7/07
Time: 0840

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7991 7113 0223
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5.
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7.
8.
9.
10.

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

1. 3
2.
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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:

Corrective Action:

☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 7/12/07

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

SDG SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-054-3

Page 1 of 1

Collector: K.B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-054	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM-LOI, JULY 2007	HNF-N-506-6	Ice Chest No.: Jump-4 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7991 7113 0222
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.: N/A

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NWY1		W	7-6-07	1022	1x20-mL P	Activity Scan	None
B1NWY1		W	↓	↓	3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool 4C
B1NWY1		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
K.B. HULSE			JUL 0 6 2007 1300	FEDEX			
FEDEX				B-2C			7/7/7 0840

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

STL ST. LOUIS

07 AUG 310

Track Shipments
Detailed Results

Quick Help

Tracking number	799171130223	**Reference**	JUMP 4
Signed for by	B.DANIALS	**Destination**	Earth City, MO
Ship date	Jul 6, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 7, 2007 8:27 AM	**Service type**	Priority Overnight
		Weight	56.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 7, 2007	8:27 AM	**Delivered**	Earth City, MO	
	7:50 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	3:52 AM	Departed FedEx location	MEMPHIS, TN	
Jul 6, 2007	5:26 PM	Left origin	PASCO, WA	
	3:46 PM	Picked up	PASCO, WA	
	2:57 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:

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

Submit

STL ST. LOUIS

STL

Lot #(s): F7G070109
- 1870 - 113
090174

Condition Upon Receipt Form

Client: Hanford
Quote No: 75710, 75711,
COC/RFA No: G07-006-44, 52, I07-054-3, I07-048-7
Initiated By: BO
Date: 7/7/07
Time: 0840

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*
1. 7991 7113 0223
2.
3.
4.
5.
6.
7.
8.
9.
10.

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)	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:

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: 7/12/07

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

SDG# STL 81

STL ST. LOUIS

FLUOR HANFORD

SL701

Cuf 1619

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-493

Collector: Fluor Hanford F.M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JUNE 2007	HNF-N-506 9	Ice Chest No.: 1-1037 SAUS 115 Temp.: CB-2
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 79134070 1990
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NLD8		W	7-10-07	0935	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NLD8		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By: [redacted] Print: Sign:	Date/Time: 1400 JUL 10 2007	Received By: FED Ex Print: Sign:	Date/Time
Relinquished By: FEDEX	Date/Time	Received By:	Date/Time: 07.11.07 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 = 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

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Track Shipments
Detailed Results

Quick Help

Tracking number	791340201990	**Reference**	CB-2
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jul 10, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 11, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	52.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 11, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:31 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	3:57 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	4:16 AM	Departed FedEx location	MEMPHIS, TN	
	1:05 AM	Arrived at FedEx location	MEMPHIS, TN	
Jul 10, 2007	5:22 PM	Left origin	PASCO, WA	
	4:13 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

STL ST. LOUIS

STL

Lot #(s): F7G110183 184

- 1619 -

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: below Date: 07.11.07

Quote No: 75634, 75996 Initiated By: SV Time: 0900

Shipping Information

Shipper Name: FedX

Multiple Packages Y (N)

Shipping # (s):*

1. 7913 4020 1990
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 20
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: W07-007-55
47
48
33
21
22
2
S07-006493
W07-007-115
133
109
139
121
127

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

☐ Sample(s) on hold until: If released, notify:

Project Management Review: Date: 7-12-07

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

ADMIN-0004, REVISED 04/18/07\\SIsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

FLUOR HANFORD

SL701

cur 16/19

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-55

Page 1 of 1

Collector: R.T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 791340201990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYN5		W	7/10/07	0905	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYN5		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYN5		W	↓	↓	1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool 4C

R. Wall 7/10/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R.T. SICKLE	JUL 10 2007 1430	FEDEX	
FEDEX		Sue Hoa	07.11.07 0900

Matrix *

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

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

STL ST. LOUIS

SDG # STL 1310

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-47

Page 1 of 1

Collector: R.T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYM8		W	7/10/07	0827	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYM8		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYM8		W	↓	↓	1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool 4C

R. Wade 7/10/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R.T. [redacted]			JUL 10 2007 1430	FEDEX			
FEDEX							
							07.11.07 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

STL ST. LOUIS

SDG# STL 1

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SDG # SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-48

Page 1 of 1

Collector: [redacted] SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYM9		W	7-10-07	0730	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYM9		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYM9		W	↓	↓	1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
[redacted]			JUL 10 2007 1430	FEDEX			
[redacted]							
FEDEX				[signature]			07.11.07 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

75 01 310

SDG# STL/ST

STL ST. LOUIS

FLUOR HANFORD

5L701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-33

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYM2 (F)		W	7/10/07	1124	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NYM3		W	↓	↓	1x20-mL P	Activity Scan	None
B1NYM3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NYM3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NYM3		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2

R. Wells 7/10/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. T. SICKLE	JUL 10 2007 1430	FEDEX	
FEDEX			07.11.07 0900

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

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-21

Page 1 of 1

Collector: R.T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 791340201990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY73 (F)		W	7/10/07	1040	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY74		W	↓	↓	1x20-mL P	Activity Scan	None
B1NY74		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

R. Wood 7/10/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
R.T. [redacted]			JUL 10 2007 1430	FEDEX			
FEDEX				[illegible]			07-11-07 0900

Matrix *

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

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

SDG# SL701

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-22

Page 1 of 1

Collector: R.T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY75 (F)		W	7/10/07	1040	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY76		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 7/10/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R.T. SICKLE	JUL 10 2007 1430	FEDEX	
FEDEX		[illegible]	07.11.07 0900

Matrix *

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

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

STL ST. LOUIS

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SDG# SL701

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-2

Page 1 of 1

Collector: R.T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY69 (F)		W	7/10/07	1005	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NY70		W	↓	↓	1x20-mL P	Activity Scan	None

L. Wade 7/10/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R.T. [redacted]	JUL 10 2007 1430	FEDEX	
FEDEX		[signature]	07.11.07 0900

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	

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

STL ST. LOUIS

SDG# SL701

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-115

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA JULY 2007	HNF-N-506 9	Ice Chest No.: 7-10-07 ~~[illegible]~~ SAWS HS CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4070 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY89		W	7-10-07	0935	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NY89		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
[redacted]			JUL 10 2007 1423	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							07.11.07 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

STL ST. LOUIS

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-133

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code: CB-2 NA 7-10-07
Project Title: RCRA, JULY 2007	HNF-N-506 9	Ice Chest No.: ~~SAWT 115~~ Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY98		W	7-10-07	1313	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NY98		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			JUL 10 2007 1400	FED EX			
Relinquished By	FEDEX		Date/Time	Received By			07.11.07 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	

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

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-109

Page 1 of 1

Collector: Fluor Hanford F.M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506 9	Ice Chest No.: 7-10-07 SAWHHF CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY86		W	7-10-07	1022	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NY86		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F.M. Hall			JUL 10 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							07-11-07 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

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SDG# SL711

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-139

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYB1		W	7/10/07	1318	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYB1		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wade 7/10/07

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
R. T. SICKLE	JUL 10 2007 1430	FEDEX	
FEDEX			07.11.07 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

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-121

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	HNF-N-506 9	Ice Chest No.: SHUSHS CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY92		W	7-10-07	1232	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NY92		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. M. HALL			JUL 10 2007 1400	FED EX			
Relinquished By: FEDEX			Date/Time	Received By			07.11.07 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

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SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-127

Page 1 of 1

Collector: Fluor Hanford F.M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code:
Project Title: RCRA, JULY 2007	HWP-N-506 9	Ice Chest No.: 7-10-07 SHWS HS CB-2 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 4020 1990
Protocol: RCRA	Priority: 45 Days	Offsite Property No.:

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NY95		W	7-10-07	1150	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NY95		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R.M. HALL			JUL 10 2007 1200	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX							07-11-07 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

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Track Shipments
Detailed Results

Quick Help

Tracking number	791340201990	**Reference**	CB-2
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jul 10, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 11, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	52.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 11, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:31 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	3:57 AM	At local FedEx facility	EARTH CITY, MO	
	5:35 AM	At dest sort facility	BERKELEY, MO	
	4:16 AM	Departed FedEx location	MEMPHIS, TN	
	1:05 AM	Arrived at FedEx location	MEMPHIS, TN	
Jul 10, 2007	5:22 PM	Left origin	PASCO, WA	
	4:13 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

STL ST. LOUIS

STL

Lot #(s): F7L110183
- 1619 - 184

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: below Date: 07.11.07
Quote No: 75634, 75996 Initiated By: SJ Time: 0900

Shipping Information

Shipper Name: FedX Multiple Packages Y (N)

Shipping # (s):*
1. 7913 4020 1990
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 20
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: W07-007-55
47
48
33
21
22
2
S07-006493
W07-007-115
133
109
139
121
127

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

Project Management Review: Date: 7-12-07

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

ADMIN-0004, REVISED 04/18/07\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-007-61**

Page 1 of 1

Collector Dave Williamson, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-007	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, JULY 2007	HNF-N-506 9	**Ice Chest No.** SAW3 115 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 791341286091
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NXX9		W	7-11-07	1154	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXX9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY0		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY1		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY2		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NXY2		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NXY3		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford			JUL 11 2007 1460	FEDEX			
Relinquished By: FedEx			Date/Time	Received By: [illegible]			Date/Time: 7/12/07 0845
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

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CUL 1904 35107

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# **W07-007-151**

Page 1 of 1

Collector D. R. BREWINGTON	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-007	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, JULY 2007	Logbook: HNF-N-506-6	**Ice Chest No.** GW-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79828 19931083
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYB7		W	7/11/07	1014	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYB7		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 7/11/07

Relinquished By Fluor Hanford D. R. BREWINGTON	Print D R Brewington Sign JUL 11 2007	Date/Time 1430	Received By FEDEX Print Sign Date/Time
Relinquished By FedEx		Date/Time	Received By 7/12/07 0845 Date/Time
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

09 07 310

SDG# S1101

STL ST. LOUIS

FLUOR HANFORD
SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-007-145

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: GW-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925 1993 1083
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NYB4		W	7/11/07	1105	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NYB4		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 7/11/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D.R. BREWINGTON	D.R. Brewington		JUL 11 2007 1430	FEDEX			
FEDEX							7/12/07 0845
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

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Track Shipments
Detailed Results

Quick Help

Tracking number	791341286091	**Reference**	SAWS-115
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jul 11, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 12, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	61.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 12, 2007	8:52 AM	**Delivered**	Earth City, MO	
	7:32 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:42 AM	At local FedEx facility	EARTH CITY, MO	
	5:34 AM	At dest sort facility	BERKELEY, MO	
	3:48 AM	Departed FedEx location	MEMPHIS, TN	
Jul 11, 2007	5:45 PM	Left origin	PASCO, WA	
	4:11 PM	Picked up	PASCO, WA	
	4:01 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	792519931083	**Reference**	gw1
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jul 11, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 12, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jul 12, 2007	8:52 AM	**Delivered**	Earth City, MO	
	7:02 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:55 AM	At local FedEx facility	EARTH CITY, MO	
	6:09 AM	At dest sort facility	BERKELEY, MO	
	3:48 AM	Departed FedEx location	MEMPHIS, TN	
Jul 11, 2007	5:45 PM	Left origin	PASCO, WA	
	4:21 PM	Package data transmitted to FedEx		
	4:11 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 ST. LOUIS

STL

Lot #(s): F7G120208 - 1904 - 212

Condition Upon Receipt Form

Client: Hanford | COC/RFA No: See below | Date: 7/12/07

Quote No: 75994, 75434 | Initiated By: BD | Time: 0845

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7925 1993 1083
2. 7913 4128 6041
3.
4.
5.
6.
7.
8.
9.
10.

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

Conditions (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. W07-007-145, 151, S07-006-230, 494
2. W07-007-61, I07-056-4

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: 7-18-07

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

ADMIN-0004, REVISED 04/18/07\\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-230

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. JUNE 2007	Logbook: HNF-N-506-6	Ice Chest No.: GW-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925 1993 1083
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NL01 (F)		W	7/11/07	1245	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL02		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL02		W			1x20-mL P	Activity Scan	None
B1NL02		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL02		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

D.R. Wood 7/11/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D. R. Brewington		JUL 11 2007 1430	FEDEX			
Relinquished By: FEDEX			Date/Time	Received By			Date/Time 7/12/07 0845
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

SDG# SL701

STL ST. LOUIS

FLUOR HANFORD

SL701

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-494

Collector Fluor Hanford D. B. BREWINGTON	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-006	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, JUNE 2007	Logbook: HNF-N-506-6	**Ice Chest No.** GW-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925 1993 1083
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 ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NLD9		W	7/11/07	1019	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NLD9		W	↓	↓	1x20-mL P	Activity Scan	None

R. Wall 7/11/07

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
Fluor Hanford D. B. BREWINGTON	D.B. Brewington	JUL 11 2007 1430	FEDEX		
FedEx			B-D		7/12/07 0845

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

95 OF 310

Track Shipments
Detailed Results

Quick Help

Tracking number	792519931083	**Reference**	gw1
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jul 11, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jul 12, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jul 12, 2007	8:52 AM	**Delivered**	Earth City, MO	
	7:02 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:55 AM	At local FedEx facility	EARTH CITY, MO	
	6:09 AM	At dest sort facility	BERKELEY, MO	
	3:48 AM	Departed FedEx location	MEMPHIS, TN	
Jul 11, 2007	5:45 PM	Left origin	PASCO, WA	
	4:21 PM	Package data transmitted to FedEx		
	4:11 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 ST. LOUIS

STL

Lot #(s): F7G120208 (212)
- 1904 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 75996, 75434
COC/RFA No: See below
Initiated By: BD
Date: 7/12/07
Time: 0845

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7925 1993 1083
2. 7913 4128 4041
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

Conditions (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. W07-007-145, 151, S07-006-230, 494
2. W07-007-41, I07-056-4

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: 7-13-07

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.

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VOLATILES

Fluor Hanford Inc

Client Sample ID: B1NL33

GC/MS Volatiles

Lot-Sample #...: F7F300110-002 **Work Order #...:** J15291AC **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	**1.2**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(76 - 117)
Dibromofluoromethane	106	(82 - 130)
1,2-Dichloroethane-d4	102	(73 - 137)
4-Bromofluorobenzene	79	(75 - 114)

Fluor Hanford Inc

B1NL33

GC/MS Volatiles

Lot-Sample #: F7F300110-002 **Work Order #:** J15291AC **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: B1NL61

GC/MS Volatiles

Lot-Sample #...: F7F300110-004 **Work Order #...:** J153M1AD **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	86	(76 - 117)
Dibromofluoromethane	100	(82 - 130)
1,2-Dichloroethane-d4	98	(73 - 137)
4-Bromofluorobenzene	76	(75 - 114)

Fluor Hanford Inc

B1NL61

GC/MS Volatiles

Lot-Sample #: F7F300110-004 **Work Order #:** J153M1AD **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: B1NL65

GC/MS Volatiles

Lot-Sample #...: F7F300110-006 **Work Order #...:** J15301AD **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	86	(76 - 117)
Dibromofluoromethane	102	(82 - 130)
1,2-Dichloroethane-d4	100	(73 - 137)
4-Bromofluorobenzene	79	(75 - 114)

Fluor Hanford Inc

B1NL65

GC/MS Volatiles

Lot-Sample #: F7F300110-006 **Work Order #:** J15301AD **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: B1NLD5

GC/MS Volatiles

Lot-Sample #...: F7F300110-009 **Work Order #...:** J15381AC **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	**3.4 B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(76 - 117)
Dibromofluoromethane	101	(82 - 130)
1,2-Dichloroethane-d4	97	(73 - 137)
4-Bromofluorobenzene	79	(75 - 114)

NOTE(S):

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

Fluor Hanford Inc

B1NLD5

GC/MS Volatiles

Lot-Sample #: F7F300110-009 **Work Order #:** J15381AC **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: B1NK50

GC/MS Volatiles

Lot-Sample #...: F7G030340-001 **Work Order #...:** J2ACW1AC **Matrix.....:** WATER
Date Sampled...: 06/30/07 **Date Received..:** 07/03/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	**0.55 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	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	102	(74 - 134)
1,2-Dichloroethane-d4	99	(72 - 128)
4-Bromofluorobenzene	76	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NK50

GC/MS Volatiles

Lot-Sample #: F7G030340-001 **Work Order #:** J2ACW1AC **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: B1NK54

GC/MS Volatiles

Lot-Sample #...: F7G030340-002 **Work Order #...:** J2ACX1AC **Matrix.....:** WATER
Date Sampled...: 06/30/07 **Date Received..:** 07/03/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	103	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
4-Bromofluorobenzene	77	(71 - 115)

Fluor Hanford Inc

B1NK54

GC/MS Volatiles

Lot-Sample #: F7G030340-002 **Work Order #:** J2ACX1AC **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: B1NK58

GC/MS Volatiles

Lot-Sample #...: F7G030340-003 **Work Order #...:** J2AC11AC **Matrix.....:** WATER
Date Sampled...: 06/30/07 **Date Received..:** 07/03/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	86	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	96	(72 - 128)
4-Bromofluorobenzene	76	(71 - 115)

Fluor Hanford Inc

B1NK58

GC/MS Volatiles

Lot-Sample #: F7G030340-003 **Work Order #:** J2AC11AC **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: B1NLD6

GC/MS Volatiles

Lot-Sample #...: F7G030340-004 **Work Order #...:** J2AC21AC **Matrix.....:** WATER
Date Sampled...: 06/30/07 **Date Received..:** 07/03/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
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	100	(74 - 134)
1,2-Dichloroethane-d4	97	(72 - 128)
4-Bromofluorobenzene	76	(71 - 115)

Fluor Hanford Inc

B1NLD6

GC/MS Volatiles

Lot-Sample #: F7G030340-004 **Work Order #:** J2AC21AC **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: B1NK63

GC/MS Volatiles

Lot-Sample #...: F7G060189-001 **Work Order #...:** J2E2Q1AC **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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	**0.45 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NK63

GC/MS Volatiles

Lot-Sample #: F7G060189-001 **Work Order #:** J2E2Q1AC **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: B1NLD7

GC/MS Volatiles

Lot-Sample #...: F7G060189-002 **Work Order #...:** J2E2V1AC **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**2.1**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND N	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 N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NLD7

GC/MS Volatiles

Lot Sample #: F7G060189-002 **Work Order #:** J2E2V1AC **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: B1NLD8

GC/MS Volatiles

Lot-Sample #...: F7G110183-001 **Work Order #...:** J2MGD1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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	**1.4**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	**0.34 J,N**	**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 N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NLD8

GC/MS Volatiles

Lot-Sample #: F7G110183-001 **Work Order #:** J2MGD1AC **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: B1NYN5

GC/MS Volatiles

Lot-Sample #...: F7G110184-001 **Work Order #...:** J2MGG1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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 N	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	94	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NYN5

GC/MS Volatiles

Lot-Sample #: F7G110184-001 **Work Order #:** J2MGG1AC **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: B1NYM8

GC/MS Volatiles

Lot-Sample #...: F7G110184-002 **Work Order #...:** J2MGH1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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 N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NYM8

GC/MS Volatiles

Lot-Sample #: F7G110184-002 **Work Order #:** J2MGH1AC **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: B1NYM9

GC/MS Volatiles

Lot-Sample #...: F7G110184-003 **Work Order #...:** J2MGL1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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 N	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	90	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NYM9

GC/MS Volatiles

Lot-Sample #: F7G110184-003 **Work Order #:** J2MGL1AC **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: B1NY89

GC/MS Volatiles

Lot-Sample #...: F7G110184-010 **Work Order #...:** J2MHR1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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 N	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	92	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NY89

GC/MS Volatiles

Lot-Sample #: F7G110184-010 **Work Order #:** J2MHR1AC **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: B1NY98

GC/MS Volatiles

Lot-Sample #...: F7G110184-011 **Work Order #...:** J2MHW1AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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	**0.26 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND N	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	88	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NY98

GC/MS Volatiles

Lot-Sample #: F7G110184-011 **Work Order #:** J2MHW1AC **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: B1NY86

GC/MS Volatiles

Lot-Sample #...: F7G110184-012 **Work Order #...:** J2MH11AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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 N	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	92	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NY86

GC/MS Volatiles

Lot-Sample #: F7G110184-012 **Work Order #:** J2MH11AC **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: B1NYB1

GC/MS Volatiles

Lot-Sample #...: F7G110184-013 **Work Order #...:** J2MH31AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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	**3.2**	**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 N	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	89	(74 - 134)
1,2-Dichloroethane-d4	90	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

Fluor Hanford Inc

B1NYB1

GC/MS Volatiles

Lot-Sample #: F7G110184-013 **Work Order #:** J2MH31AC **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: B1NY92

GC/MS Volatiles

Lot-Sample #...: F7G110184-014 **Work Order #...:** J2MH51AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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	**0.47 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND N	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	90	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NY92

GC/MS Volatiles

Lot-Sample #: F7G110184-014 **Work Order #:** J2MH51AC **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: B1NY95

GC/MS Volatiles

Lot-Sample #...: F7G110184-015 **Work Order #...:** J2MH71AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
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 N	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	**0.42 J**	**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	**2.7**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND N	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	85	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

NOTE(S):

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NY95

GC/MS Volatiles

Lot-Sample #: F7G110184-015 **Work Order #:** J2MH71AC **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: B1NY95

GC/MS Volatiles

Lot-Sample #...: F7G110184-015 **Work Order #...:** J2MH72AC **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/18/07 **Analysis Date..:** 07/18/07
Prep Batch #...: 7200651
Dilution Factor: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	**160 D**	**10**	**ug/L**	**0.48**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	83	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NYB7

GC/MS Volatiles

Lot-Sample #...: F7G120208-005 **Work Order #...:** J2QGX1AC **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07
Prep Date.....: 07/17/07 **Analysis Date..:** 07/17/07
Prep Batch #...: 7200645
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	88	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

Fluor Hanford Inc

B1NYB7

GC/MS Volatiles

Lot-Sample #: F7G120208-005 **Work Order #:** J2QGX1AC **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: B1NYB4

GC/MS Volatiles

Lot-Sample #...: F7G120208-006 **Work Order #...:** J2QG31AC **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07
Prep Date.....: 07/17/07 **Analysis Date..:** 07/17/07
Prep Batch #...: 7200645
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	91	(69 - 119)
Dibromofluoromethane	89	(74 - 134)
1,2-Dichloroethane-d4	91	(72 - 128)
4-Bromofluorobenzene	84	(71 - 115)

Fluor Hanford Inc

B1NYB4

GC/MS Volatiles

Lot-Sample #: F7G120208-006 **Work Order #:** J2QG31AC **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: B1NL02

GC/MS Volatiles

Lot-Sample #...: F7G120212-002 **Work Order #...:** J2QHL1AC **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07
Prep Date.....: 07/17/07 **Analysis Date..:** 07/17/07
Prep Batch #...: 7200645
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	**1.7**	**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	87	(74 - 134)
1,2-Dichloroethane-d4	87	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

Fluor Hanford Inc

B1NL02

GC/MS Volatiles

Lot-Sample #: F7G120212-002 **Work Order #:** J2QHL1AC **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: B1NLD9

GC/MS Volatiles

Lot-Sample #...: F7G120212-003 **Work Order #...:** J2QHV1AC **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07
Prep Date.....: 07/17/07 **Analysis Date..:** 07/17/07
Prep Batch #...: 7200645
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	**3.8**	**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	90	(74 - 134)
1,2-Dichloroethane-d4	89	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

Fluor Hanford Inc

B1NLD9

GC/MS Volatiles

Lot-Sample #: F7G120212-003 **Work Order #:** J2QHV1AC **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 #...: SL701 **Work Order #...:** J2TQL1AA **Matrix.....:** WATER
MB Lot-Sample #: F7G120000-359

Prep Date.....: 07/09/07
Analysis Date..: 07/09/07 **Prep Batch #...:** 7193359
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	**2.8**	**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	86	(69 - 119)
Dibromofluoromethane	100	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	80	(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 #: F7G120000-359 B **Work Order #:** J2TQL1AA **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 #...: SL701 **Work Order #...:** J24JK1AA **Matrix.....:** WATER
MB Lot-Sample #: F7G180000-289

Prep Date.....: 07/16/07
Analysis Date..: 07/16/07 **Prep Batch #...:** 7199289
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	86	(69 - 119)
Dibromofluoromethane	94	(74 - 134)
1,2-Dichloroethane-d4	94	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7G180000-289 B **Work Order #:** J24JK1AA **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 #...: SL701 **Work Order #...:** J27701AA **Matrix.....:** WATER
MB Lot-Sample #: F7G190000-645

Prep Date.....: 07/17/07
Analysis Date..: 07/17/07 **Prep Batch #...:** 7200645
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	89	(69 - 119)
Dibromofluoromethane	88	(74 - 134)
1,2-Dichloroethane-d4	88	(72 - 128)
4-Bromofluorobenzene	85	(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 #: F7G190000-645 B **Work Order #:** J27701AA **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 #...: SL701 **Work Order #...:** J278A1AA **Matrix.....:** WATER
MB Lot-Sample #: F7G190000-651

Prep Date.....: 07/18/07
Analysis Date..: 07/18/07 **Prep Batch #...:** 7200651
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	87	(69 - 119)
Dibromofluoromethane	93	(74 - 134)
1,2-Dichloroethane-d4	92	(72 - 128)
4-Bromofluorobenzene	85	(71 - 115)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J2TQL1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G120000-359 J2TQL1AD-LCSD
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.36	ug/L	94		SW846 8260B
	10.0	8.52	ug/L	85	9.4	SW846 8260B
Ethylbenzene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.38	ug/L	94	9.7	SW846 8260B
1,4-Dioxane	200	206	ug/L	103		SW846 8260B
	200	160 p	ug/L	80	25	SW846 8260B
Vinyl chloride	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.39	ug/L	94	9.8	SW846 8260B
Acetone	10.0	9.12	ug/L	91		SW846 8260B
	10.0	8.47	ug/L	85	7.3	SW846 8260B
Methylene chloride	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.5	ug/L	105	5.6	SW846 8260B
Carbon disulfide	10.0	8.76	ug/L	88		SW846 8260B
	10.0	6.86 p	ug/L	69	24	SW846 8260B
1,1-Dichloroethane	10.0	9.32	ug/L	93		SW846 8260B
	10.0	8.49	ug/L	85	9.4	SW846 8260B
2-Butanone	10.0	8.83	ug/L	88		SW846 8260B
	10.0	8.18	ug/L	82	7.6	SW846 8260B
Chloroform	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.29	ug/L	93	5.8	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.39	ug/L	94		SW846 8260B
	10.0	8.93	ug/L	89	4.9	SW846 8260B
Propionitrile	50.0	42.9	ug/L	86		SW846 8260B
	50.0	39.8	ug/L	80	7.3	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.61	ug/L	96		SW846 8260B
	10.0	8.83	ug/L	88	8.5	SW846 8260B
1,1,1-Trichloroethane	10.0	10.7	ug/L	107		SW846 8260B
	10.0	9.86	ug/L	99	8.1	SW846 8260B
Carbon tetrachloride	10.0	11.2	ug/L	112		SW846 8260B
	10.0	10.4	ug/L	104	7.5	SW846 8260B
1,2-Dichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	9.27	ug/L	93	10	SW846 8260B
Benzene	10.0	9.16	ug/L	92		SW846 8260B
	10.0	8.38	ug/L	84	8.9	SW846 8260B
Trichloroethene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.57	ug/L	96	12	SW846 8260B
4-Methyl-2-pentanone	10.0	8.99	ug/L	90		SW846 8260B
	10.0	9.86	ug/L	99	9.2	SW846 8260B
1,1,2-Trichloroethane	10.0	9.48	ug/L	95		SW846 8260B
	10.0	8.86	ug/L	89	6.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J2TQL1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G120000-359 J2TQL1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**11.6**	**ug/L**	**116**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**14**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**43.5**	**ug/L**	**87**		**SW846 8260B**
	50.0	**46.8**	**ug/L**	**94**	**7.4**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.48**	**ug/L**	**95**		**SW846 8260B**
	10.0	**8.78**	**ug/L**	**88**	**7.6**	**SW846 8260B**
1-Butanol	**100**	**100**	**ug/L**	**100**		**SW846 8260B**
	100	**100**	**ug/L**	**100**	**0.0**	**SW846 8260B**
Toluene	**10.0**	**9.51**	**ug/L**	**95**		**SW846 8260B**
	10.0	**8.47**	**ug/L**	**85**	**12**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(85 - 121)
	94	(85 - 121)
Dibromofluoromethane	103	(84 - 117)
	107	(84 - 117)
1,2-Dichloroethane-d4	98	(72 - 124)
	102	(72 - 124)
4-Bromofluorobenzene	81	(80 - 121)
	85	(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 #...: SL701 **Work Order #...:** J24JK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G180000-289 J24JK1AD-LCSD
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.20	ug/L	92		SW846 8260B
	10.0	8.78	ug/L	88	4.7	SW846 8260B
Ethylbenzene	10.0	9.44	ug/L	94		SW846 8260B
	10.0	9.16	ug/L	92	3.1	SW846 8260B
1,4-Dioxane	200	235	ug/L	118		SW846 8260B
	200	225	ug/L	113	4.3	SW846 8260B
Vinyl chloride	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.2	ug/L	102	4.4	SW846 8260B
Acetone	10.0	13.2	ug/L	132		SW846 8260B
	10.0	11.6	ug/L	116	13	SW846 8260B
Methylene chloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.4	ug/L	104	2.6	SW846 8260B
Carbon disulfide	10.0	16.9 a	ug/L	169		SW846 8260B
	10.0	16.0 a	ug/L	160	5.4	SW846 8260B
1,1-Dichloroethane	10.0	9.56	ug/L	96		SW846 8260B
	10.0	9.30	ug/L	93	2.8	SW846 8260B
2-Butanone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	11.8	ug/L	118	13	SW846 8260B
Chloroform	10.0	9.54	ug/L	95		SW846 8260B
	10.0	9.44	ug/L	94	1.0	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.26	ug/L	93		SW846 8260B
	10.0	8.97	ug/L	90	3.2	SW846 8260B
Propionitrile	50.0	53.6	ug/L	107		SW846 8260B
	50.0	54.3	ug/L	109	1.3	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.10	ug/L	91		SW846 8260B
	10.0	8.90	ug/L	89	2.3	SW846 8260B
1,1,1-Trichloroethane	10.0	9.36	ug/L	94		SW846 8260B
	10.0	9.09	ug/L	91	2.9	SW846 8260B
Carbon tetrachloride	10.0	9.46	ug/L	95		SW846 8260B
	10.0	8.96	ug/L	90	5.5	SW846 8260B
1,2-Dichloroethane	10.0	9.59	ug/L	96		SW846 8260B
	10.0	9.52	ug/L	95	0.69	SW846 8260B
Benzene	10.0	9.51	ug/L	95		SW846 8260B
	10.0	9.22	ug/L	92	3.1	SW846 8260B
Trichloroethene	10.0	9.47	ug/L	95		SW846 8260B
	10.0	9.08	ug/L	91	4.2	SW846 8260B
4-Methyl-2-pentanone	10.0	14.6 a	ug/L	146		SW846 8260B
	10.0	15.3 a	ug/L	153	4.3	SW846 8260B
1,1,2-Trichloroethane	10.0	9.50	ug/L	95		SW846 8260B
	10.0	9.52	ug/L	95	0.15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J24JK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G180000-289 J24JK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**8.97**	**ug/L**	**90**		**SW846 8260B**
	10.0	**8.82**	**ug/L**	**88**	**1.7**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**57.0**	**ug/L**	**114**		**SW846 8260B**
	50.0	**57.1**	**ug/L**	**114**	**0.14**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.30**	**ug/L**	**93**		**SW846 8260B**
	10.0	**8.62**	**ug/L**	**86**	**7.5**	**SW846 8260B**
1-Butanol	**100**	**103**	**ug/L**	**103**		**SW846 8260B**
	100	**104**	**ug/L**	**104**	**0.67**	**SW846 8260B**
Toluene	**10.0**	**9.25**	**ug/L**	**92**		**SW846 8260B**
	10.0	**9.20**	**ug/L**	**92**	**0.56**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(85 - 121)
	100	(85 - 121)
Dibromofluoromethane	104	(84 - 117)
	102	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
	103	(72 - 124)
4-Bromofluorobenzene	105	(80 - 121)
	99	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J27701AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G190000-645 J27701AD-LCSD
Prep Date.....: 07/17/07 **Analysis Date..:** 07/17/07
Prep Batch #...: 7200645
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	8.55	ug/L	86		SW846 8260B
	10.0	9.71	ug/L	97	13	SW846 8260B
Ethylbenzene	10.0	9.29	ug/L	93		SW846 8260B
	10.0	10.3	ug/L	103	10	SW846 8260B
1,4-Dioxane	200	224	ug/L	112		SW846 8260B
	200	207	ug/L	103	8.2	SW846 8260B
Vinyl chloride	10.0	10.9	ug/L	109		SW846 8260B
	10.0	10.4	ug/L	104	4.6	SW846 8260B
Acetone	10.0	13.4 a	ug/L	134		SW846 8260B
	10.0	10.7 p	ug/L	107	23	SW846 8260B
Methylene chloride	10.0	9.30	ug/L	93		SW846 8260B
	10.0	10.5	ug/L	105	12	SW846 8260B
Carbon disulfide	10.0	15.0 a	ug/L	150		SW846 8260B
	10.0	9.89 p	ug/L	99	41	SW846 8260B
1,1-Dichloroethane	10.0	9.15	ug/L	92		SW846 8260B
	10.0	10.3	ug/L	103	12	SW846 8260B
2-Butanone	10.0	13.8	ug/L	138		SW846 8260B
	10.0	11.4	ug/L	114	19	SW846 8260B
Chloroform	10.0	7.99 a	ug/L	80		SW846 8260B
	10.0	10.1 p	ug/L	101	23	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.70	ug/L	87		SW846 8260B
	10.0	9.99	ug/L	100	14	SW846 8260B
Propionitrile	50.0	57.5	ug/L	115		SW846 8260B
	50.0	51.4	ug/L	103	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.55	ug/L	85		SW846 8260B
	10.0	9.96	ug/L	100	15	SW846 8260B
1,1,1-Trichloroethane	10.0	8.23	ug/L	82		SW846 8260B
	10.0	9.48	ug/L	95	14	SW846 8260B
Carbon tetrachloride	10.0	8.24	ug/L	82		SW846 8260B
	10.0	9.12	ug/L	91	10	SW846 8260B
1,2-Dichloroethane	10.0	8.93	ug/L	89		SW846 8260B
	10.0	9.88	ug/L	99	10	SW846 8260B
Benzene	10.0	9.45	ug/L	95		SW846 8260B
	10.0	10.4	ug/L	104	9.9	SW846 8260B
Trichloroethene	10.0	8.91	ug/L	89		SW846 8260B
	10.0	9.57	ug/L	96	7.1	SW846 8260B
4-Methyl-2-pentanone	10.0	14.2 a	ug/L	142		SW846 8260B
	10.0	10.8 p	ug/L	108	27	SW846 8260B
1,1,2-Trichloroethane	10.0	9.25	ug/L	92		SW846 8260B
	10.0	9.96	ug/L	100	7.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J27701AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G190000-645 J27701AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**8.80**	**ug/L**	**88**		**SW846 8260B**
	10.0	**9.96**	**ug/L**	**100**	**12**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**54.5**	**ug/L**	**109**		**SW846 8260B**
	50.0	**53.8**	**ug/L**	**108**	**1.4**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**8.56**	**ug/L**	**86**		**SW846 8260B**
	10.0	**9.91**	**ug/L**	**99**	**15**	**SW846 8260B**
1-Butanol	**100**	**88.6**	**ug/L**	**89**		**SW846 8260B**
	100	**93.4**	**ug/L**	**93**	**5.3**	**SW846 8260B**
Toluene	**10.0**	**9.16**	**ug/L**	**92**		**SW846 8260B**
	10.0	**10.2**	**ug/L**	**102**	**11**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	90	(84 - 117)
	95	(84 - 117)
1,2-Dichloroethane-d4	89	(72 - 124)
	94	(72 - 124)
4-Bromofluorobenzene	88	(80 - 121)
	94	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

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 #...: SL701 **Work Order #...:** J278A1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7G190000-651 J278A1AD-LCSD
Prep Date.....: 07/18/07 **Analysis Date..:** 07/18/07
Prep Batch #...: 7200651
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,2-Dichloroethene	**10.0**	**8.87**	**ug/L**	**89**		**SW846 8260B**
	10.0	**8.69**	**ug/L**	**87**	**2.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(85 - 121)
	98	(85 - 121)
Dibromofluoromethane	91	(84 - 117)
	96	(84 - 117)
1,2-Dichloroethane-d4	90	(72 - 124)
	95	(72 - 124)
4-Bromofluorobenzene	92	(80 - 121)
	91	(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 #...: SL701 **Work Order #...:** J15291AK-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F300110-002 J15291AL-MSD
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/09/07 **Analysis Date..:** 07/09/07
Prep Batch #...: 7193359
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	8.57	ug/L	86		SW846 8260B
	ND	10.0	8.33	ug/L	83	2.9	SW846 8260B
Ethylbenzene	ND	10.0	9.43	ug/L	94		SW846 8260B
	ND	10.0	9.53	ug/L	95	0.98	SW846 8260B
1,4-Dioxane	ND	200	190	ug/L	95		SW846 8260B
	ND	200	192	ug/L	96	0.94	SW846 8260B
Vinyl chloride	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	9.98	ug/L	100	0.36	SW846 8260B
Acetone	ND	10.0	7.88	ug/L	79		SW846 8260B
	ND	10.0	8.78	ug/L	88	11	SW846 8260B
Methylene chloride	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	8.01	ug/L	80	11	SW846 8260B
Carbon disulfide	ND	10.0	6.56	ug/L	66		SW846 8260B
	ND	10.0	6.30	ug/L	63	4.0	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.51	ug/L	95		SW846 8260B
	ND	10.0	9.06	ug/L	91	4.8	SW846 8260B
2-Butanone	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.6	ug/L	116	9.1	SW846 8260B
Chloroform	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.1	ug/L	101	0.29	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.84	ug/L	98	2.3	SW846 8260B
Propionitrile	ND	50.0	55.0	ug/L	110		SW846 8260B
	ND	50.0	51.7	ug/L	103	6.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.44	ug/L	94		SW846 8260B
	ND	10.0	9.35	ug/L	93	1.0	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.3	ug/L	103	1.1	SW846 8260B
Carbon tetrachloride	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.6	ug/L	106	0.85	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.19	SW846 8260B
Benzene	ND	10.0	9.72	ug/L	97		SW846 8260B
	ND	10.0	9.27	ug/L	93	4.7	SW846 8260B
Trichloroethene	1.2	10.0	11.6	ug/L	104		SW846 8260B
	1.2	10.0	11.5	ug/L	103	0.69	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.81	ug/L	98		SW846 8260B
	ND	10.0	9.71	ug/L	97	1.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.15	ug/L	92		SW846 8260B
	ND	10.0	8.92	ug/L	89	2.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J15291AK-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F300110-002 J15291AL-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.86**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**10.1**	**ug/L**	**101**	**2.5**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**48.9**	**ug/L**	**98**		**SW846 8260B**
	ND	**50.0**	**48.7**	**ug/L**	**97**	**0.43**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.34**	**ug/L**	**93**		**SW846 8260B**
	ND	**10.0**	**9.20**	**ug/L**	**92**	**1.6**	**SW846 8260B**
1-Butanol	**ND**	**100**	**98.0**	**ug/L**	**98**		**SW846 8260B**
	ND	**100**	**93.2**	**ug/L**	**93**	**5.1**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.83**	**ug/L**	**88**		**SW846 8260B**
	ND	**10.0**	**8.63**	**ug/L**	**86**	**2.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	86	(69 - 119)
	84	(69 - 119)
Dibromofluoromethane	104	(74 - 134)
	102	(74 - 134)
1,2-Dichloroethane-d4	100	(72 - 128)
	99	(72 - 128)
4-Bromofluorobenzene	75	(71 - 115)
	77	(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 #...: SL701 **Work Order #...:** J2MH71AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7G110184-015 J2MH71AE-MSD
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199289
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.08	ug/L	91		SW846 8260B
	ND	10.0	8.98	ug/L	90	1.0	SW846 8260B
Ethylbenzene	ND	10.0	9.19	ug/L	92		SW846 8260B
	ND	10.0	9.12	ug/L	91	0.84	SW846 8260B
1,4-Dioxane	ND	200	220	ug/L	110		SW846 8260B
	ND	200	226	ug/L	113	2.6	SW846 8260B
Vinyl chloride	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.7	ug/L	117	4.0	SW846 8260B
Acetone	ND	10.0	12.4	ug/L	124		SW846 8260B
	ND	10.0	13.4	ug/L	134	8.3	SW846 8260B
Methylene chloride	ND	10.0	9.05	ug/L	90		SW846 8260B
	ND	10.0	9.25	ug/L	93	2.2	SW846 8260B
Carbon disulfide	ND	10.0	17.4	ug/L	174		SW846 8260B
		Qualifiers:	a,N				
	ND	10.0	17.4	ug/L	174	0.34	SW846 8260B
		Qualifiers:	a,N				
1,1-Dichloroethane	ND	10.0	9.88	ug/L	99		SW846 8260B
	ND	10.0	9.83	ug/L	98	0.56	SW846 8260B
2-Butanone	ND	10.0	12.5	ug/L	125		SW846 8260B
	ND	10.0	13.8	ug/L	138	10	SW846 8260B
Chloroform	ND	10.0	9.76	ug/L	98		SW846 8260B
	ND	10.0	9.59	ug/L	96	1.8	SW846 8260B
Propionitrile	ND	50.0	58.8	ug/L	118		SW846 8260B
	ND	50.0	52.3	ug/L	105	12	SW846 8260B
trans-1,2-Dichloroethene	0.42	10.0	9.47	ug/L	91		SW846 8260B
	0.42	10.0	9.48	ug/L	91	0.08	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.84	ug/L	88		SW846 8260B
	ND	10.0	9.02	ug/L	90	2.0	SW846 8260B
Carbon tetrachloride	ND	10.0	8.68	ug/L	87		SW846 8260B
	ND	10.0	8.56	ug/L	86	1.4	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.93	ug/L	99		SW846 8260B
	ND	10.0	10.4	ug/L	104	4.1	SW846 8260B
Benzene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.3	ug/L	103	1.5	SW846 8260B
Trichloroethene	2.7	10.0	11.7	ug/L	90		SW846 8260B
	2.7	10.0	12.0	ug/L	93	1.9	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	15.5	ug/L	155		SW846 8260B
		Qualifiers:	a,N				
	ND	10.0	15.4	ug/L	154	0.64	SW846 8260B
		Qualifiers:	a,N				

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL701 **Work Order #...:** J2MH71AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7G110184-015 J2MH71AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**9.49**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**9.45**	**ug/L**	**95**	**0.35**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**8.60**	**ug/L**	**86**		**SW846 8260B**
	ND	**10.0**	**8.62**	**ug/L**	**86**	**0.19**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**59.8**	**ug/L**	**120**		**SW846 8260B**
	ND	**50.0**	**63.2**	**ug/L**	**126**	**5.5**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.31**	**ug/L**	**83**		**SW846 8260B**
	ND	**10.0**	**8.41**	**ug/L**	**84**	**1.1**	**SW846 8260B**
1-Butanol	**ND**	**100**	**89.1**	**ug/L**	**89**		**SW846 8260B**
	ND	**100**	**88.8**	**ug/L**	**89**	**0.32**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.06**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**8.98**	**ug/L**	**90**	**0.87**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(69 - 119)
	85	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
	93	(74 - 134)
1,2-Dichloroethane-d4	90	(72 - 128)
	94	(72 - 128)
4-Bromofluorobenzene	81	(71 - 115)
	84	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

N Estimated result. Analyte is a Tentatively Identified Compound (TIC).

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1NL61

GC/MS Semivolatiles

Lot-Sample #...: F7F300110-004 **Work Order #...:** J153M1AC **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/06/07 **Analysis Date..:** 07/10/07
Prep Batch #...: 7187311
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	**3.7 J**	**10**	**ug/L**	**1.1**
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	34	(23 - 49)
Phenol-d5	22	(14 - 38)
Nitrobenzene-d5	60	(47 - 85)
2-Fluorobiphenyl	56	(41 - 85)
2,4,6-Tribromophenol	78	(52 - 95)
Terphenyl-d14	77	(40 - 89)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL61

GC/MS Semivolatiles

Lot-Sample #: F7F300110-004 **Work Order #:** J153M1AC **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: B1NL65

GC/MS Semivolatiles

Lot-Sample #...: F7F300110-006 **Work Order #...:** J15301AC **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/06/07 **Analysis Date..:** 07/10/07
Prep Batch #...: 7187311
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	**4.3 J**	**10**	**ug/L**	**1.1**
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	37	(23 - 49)
Phenol-d5	25	(14 - 38)
Nitrobenzene-d5	64	(47 - 85)
2-Fluorobiphenyl	63	(41 - 85)
2,4,6-Tribromophenol	80	(52 - 95)
Terphenyl-d14	76	(40 - 89)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL65

GC/MS Semivolatiles

Lot-Sample #: F7F300110-006 **Work Order #:** J15301AC **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown		6.7	M	1.9723	ug/L
Unknown alkane		4.3	M	2.9713	ug/L
Heptane, 2,4-dimethyl-	2213-23-2	33	M	3.0514	ug/L
Unknown		4.4	M	3.4414	ug/L
Unknown alkane		23	M	3.5215	ug/L
Unknown alkane		7.8	M	5.012	ug/L
Unknown alkane		8.5	M	5.0494	ug/L
Unknown alkane		3.9	M	5.4127	ug/L
Unknown alkane		38	M	5.4661	ug/L
Unknown alkane		15	M	5.5195	ug/L
Unknown alkene		9.2	M	5.6744	ug/L
Unknown		7.9	M	5.7118	ug/L
Unknown alkane		5.9	M	5.8133	ug/L
Unknown alkane		26	M	5.8721	ug/L
Unknown alkane		10	M	5.9202	ug/L
Unknown alkane		5.0	M	5.9789	ug/L
Unknown alkane		6.3	M	7.4587	ug/L
Unknown alkane		4.6	M	7.8754	ug/L

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL701 **Work Order #...:** J2E031AA **Matrix.....:** WATER
MB Lot-Sample #: F7G060000-311

Prep Date.....: 07/06/07
Analysis Date..: 07/10/07 **Prep Batch #...:** 7187311
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Methylphenol & 4-Methylphenol	ND	20	ug/L	SW846 8270C
2-Picoline	ND	20	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
Benzothiazole	ND	10	ug/L	SW846 8270C
Tributyl phosphate	ND	10	ug/L	SW846 8270C
Tris(2-chloroethyl)phosph	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	43	(26 - 74)
Phenol-d5	30	(18 - 86)
Nitrobenzene-d5	68	(39 - 94)
2-Fluorobiphenyl	60	(42 - 95)
2,4,6-Tribromophenol	84	(49 - 96)
Terphenyl-d14	80	(31 - 104)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F7G060000-311 B **Work Order #:** J2E031AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL701 **Work Order #...:** J2E031AC **Matrix.....:** WATER
LCS Lot-Sample#: F7G060000-311
Prep Date.....: 07/06/07 **Analysis Date..:** 07/10/07
Prep Batch #...: 7187311
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	**100**	**56.8**	**ug/L**	**57**	**SW846 8270C**
Phenol	**100**	**29.8**	**ug/L**	**30**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**59.0**	**ug/L**	**59**	**SW846 8270C**
2-Methylphenol	**100**	**58.0**	**ug/L**	**58**	**SW846 8270C**
2-Nitrophenol	**100**	**77.7**	**ug/L**	**78**	**SW846 8270C**
2,4-Dichlorophenol	**100**	**81.0**	**ug/L**	**81**	**SW846 8270C**
Naphthalene	**100**	**65.5**	**ug/L**	**65**	**SW846 8270C**
Pentachlorophenol	**100**	**86.5**	**ug/L**	**86**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**100**	**79.7**	**ug/L**	**80**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	43	(26 - 67)
Phenol-d5	29	(19 - 45)
Nitrobenzene-d5	70	(45 - 96)
2-Fluorobiphenyl	71	(50 - 100)
2,4,6-Tribromophenol	95	(55 - 103)
Terphenyl-d14	84	(40 - 106)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL701 **Work Order #...:** J153M1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F300110-004 J153M1AM-MSD
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07
Prep Date.....: 07/06/07 **Analysis Date..:** 07/10/07
Prep Batch #...: 7187311
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Methylphenol & 4-Methylphenol	**ND**	**95.3**	**47.9**	**ug/L**	**50**		**SW846 8270C**
	ND	**95.7**	**51.2**	**ug/L**	**53**	**6.6**	**SW846 8270C**
Phenol	**ND**	**95.3**	**24.8**	**ug/L**	**26**		**SW846 8270C**
	ND	**95.7**	**26.3**	**ug/L**	**28**	**5.9**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**95.3**	**54.6**	**ug/L**	**57**		**SW846 8270C**
	ND	**95.7**	**59.3**	**ug/L**	**62**	**8.2**	**SW846 8270C**
2-Methylphenol	**ND**	**95.3**	**51.2**	**ug/L**	**54**		**SW846 8270C**
	ND	**95.7**	**54.0**	**ug/L**	**56**	**5.3**	**SW846 8270C**
2-Nitrophenol	**ND**	**95.3**	**69.1**	**ug/L**	**73**		**SW846 8270C**
	ND	**95.7**	**73.8**	**ug/L**	**77**	**6.6**	**SW846 8270C**
2,4-Dichlorophenol	**ND**	**95.3**	**71.1**	**ug/L**	**75**		**SW846 8270C**
	ND	**95.7**	**75.5**	**ug/L**	**79**	**6.0**	**SW846 8270C**
Naphthalene	**ND**	**95.3**	**60.4**	**ug/L**	**63**		**SW846 8270C**
	ND	**95.7**	**65.2**	**ug/L**	**68**	**7.7**	**SW846 8270C**
Pentachlorophenol	**ND**	**95.3**	**75.3**	**ug/L**	**79**		**SW846 8270C**
	ND	**95.7**	**79.1**	**ug/L**	**83**	**4.9**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**ND**	**95.3**	**74.4**	**ug/L**	**78**		**SW846 8270C**
	ND	**95.7**	**72.2**	**ug/L**	**75**	**3.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39	(26 - 74)
	40	(26 - 74)
Phenol-d5	25	(18 - 86)
	26	(18 - 86)
Nitrobenzene-d5	69	(39 - 94)
	72	(39 - 94)
2-Fluorobiphenyl	67	(42 - 95)
	73	(42 - 95)
2,4,6-Tribromophenol	83	(49 - 96)
	93	(49 - 96)
Terphenyl-d14	76	(31 - 104)
	79	(31 - 104)

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: B1NJD2

GC Semivolatiles

Lot-Sample #...: F7G070113-001 **Work Order #...:** J2GNX1AC **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/10/07 **Analysis Date..:** 07/11/07
Prep Batch #...: 7191175
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	0.50	mg/L	0.050

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	64	(16 - 150)

Fluor Hanford Inc

Client Sample ID: B1NWY1

GC Semivolatiles

Lot-Sample #...: F7G090174-001 **Work Order #...:** J2H611AC **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/10/07 **Analysis Date..:** 07/11/07
Prep Batch #...: 7191175
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Diesel Range - WTPH-D	ND	0.50	mg/L	0.050

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	60	(16 - 150)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL701 **Work Order #...:** J2J361AA **Matrix.....:** WATER
MB Lot-Sample #: F7G100000-175
Prep Date.....: 07/10/07
Analysis Date..: 07/11/07 **Prep Batch #...:** 7191175
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	65 *	(73 - 150)

NOTE(S):

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

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL701 **Work Order #...:** J2J361AC **Matrix.....:** WATER
LCS Lot-Sample#: F7G100000-175
Prep Date.....: 07/10/07 **Analysis Date..:** 07/11/07
Prep Batch #...: 7191175
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.33**	**mg/L**	**53**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	89	(73 - 150)

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 #...: SL701 **Work Order #...:** J2GNX1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F7G070113-001 J2GNX1AF-MSD
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/10/07 **Analysis Date..:** 07/11/07
Prep Batch #...: 7191175
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.39**	**1.29**	**mg/L**	**54**		**SW846 8015 MOD**
	ND	**2.38**	**1.40**	**mg/L**	**59**	**7.9**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	90	(16 - 150)
	101	(16 - 150)

NOTE(S):

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

Bold print denotes control parameters

VOLATILE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1NJD2

GC Volatiles

Lot-Sample #...: F7G070113-001 **Work Order #...:** J2GNX1AD **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199151
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	103	(85 - 115)

Fluor Hanford Inc

Client Sample ID: B1NWY1

GC Volatiles

Lot-Sample #...: F7G090174-001 **Work Order #...:** J2H611AD **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199151
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	106	(85 - 115)

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL701 **Work Order #...:** J23931AA **Matrix.....:** WATER
MB Lot-Sample #: F7G180000-151

Prep Date.....: 07/16/07
Analysis Date..: 07/16/07 **Prep Batch #...:** 7199151
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	102	(85 - 115)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL701 **Work Order #...:** J23931AC **Matrix.....:** WATER
LCS Lot-Sample#: F7G180000-151
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199151
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Volatile Petroleum Hydroc	**1.00**	**1.07**	**mg/L**	**107**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	121 *	(85 - 115)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL701 **Work Order #...:** J2GNX1AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F7G070113-001 J2GNX1AH-MSD
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07
Prep Date.....: 07/16/07 **Analysis Date..:** 07/16/07
Prep Batch #...: 7199151
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydroc	**ND**	**1.00**	**1.03**	**mg/L**	**103**		**SW846 8015 MOD**
	ND	**1.00**	**1.04**	**mg/L**	**104**	**0.96**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	122 *	(85 - 115)
	123 *	(85 - 115)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

METALS

Fluor Hanford Inc

Client Sample ID: B1NL32

DISSOLVED Metals

Lot-Sample #...: F7F300110-001 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7183294						
Antimony	ND D	120	ug/L	SW846 6010B	07/02-07/24/07	J15261AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**63.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15261AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**51100 C,D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15261AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/02-07/24/07	J15261AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	07/02-07/23/07	J15261AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**10300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15261AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6300**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J15261AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AR
		Dilution Factor: 2		MDL.....: 3.4		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1NL32

DISSOLVED Metals

Lot-Sample #...: F7F300110-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24800**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J15261AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**238 C,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15261AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/02-07/24/07	J15261AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/02-07/24/07	J15261AW
		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: B1NL60

DISSOLVED Metals

Lot-Sample #...: F7F300110-003 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7183294						
Antimony	ND D	120	ug/L	SW846 6010B	07/02-07/24/07	J153L1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**55.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	**2.2 B,D**	**10.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AD**
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J153L1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**57400 C,D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**6.3 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**4.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AH**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/02-07/24/07	J153L1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	07/02-07/23/07	J153L1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**15000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**5.5 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/02-07/24/07	J153L1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7100**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J153L1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J153L1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL60

DISSOLVED Metals

Lot-Sample #...: F7F300110-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**26300**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J153L1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**286 C,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**13.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	**77.6 D**	**40.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153L1AV**
		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: B1NL64

DISSOLVED Metals

Lot-Sample #...: F7F300110-005 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7183294						
Antimony	ND D	120	ug/L	SW846 6010B	07/02-07/24/07	J153V1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**56.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	**2.3 B,D**	**10.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AD**
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J153V1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**57300 C,D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**8.2 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/02-07/24/07	J153V1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/02-07/24/07	J153V1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	07/02-07/23/07	J153V1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**14900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**5.0 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/02-07/24/07	J153V1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7460**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J153V1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J153V1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL64

DISSOLVED Metals

Lot-Sample #...: F7F300110-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25700**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J153V1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**287 C,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**15.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	**82.3 D**	**40.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J153V1AV**
		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: B1NL67

DISSOLVED Metals

Lot-Sample #...: F7F300110-007 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7183294						
Antimony	ND D	120	ug/L	SW846 6010B	07/02-07/24/07	J15341AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**60.3 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15341AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**56600 C,D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15341AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/02-07/24/07	J15341AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	07/02-07/23/07	J15341AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**15000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15341AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AM
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7090**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J15341AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL67

DISSOLVED Metals

Lot-Sample #...: F7F300110-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25900**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/23/07**	**J15341AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**287 C,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15341AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**13.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J15341AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/02-07/24/07	J15341AV
		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: B1NN01

DISSOLVED Metals

Lot-Sample #...: F7G030337-001 **Matrix.....:** WATER
Date Sampled...: 07/02/07 **Date Received..:** 07/03/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7186385						
Antimony	ND D	120	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**20.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**21500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/05-07/25/07	J2AA41AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**7870 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**3.4 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AN**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	07/05-07/25/07	J2AA41AQ
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NN01

DISSOLVED Metals

Lot-Sample #...: F7G030337-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19100 D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/25/07**	**J2AA41AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**83.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**29.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA41AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA41AW
		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: B1NN67

DISSOLVED Metals

Lot-Sample #...: F7G030337-002 **Matrix.....:** WATER
Date Sampled...: 07/02/07 **Date Received..:** 07/03/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7186385						
Antimony	ND D	120	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**19.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**17900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/05-07/25/07	J2AA71AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**6330 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**1.9 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AN**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**3900 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/25/07**	**J2AA71AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NN67

DISSOLVED Metals

Lot-Sample #...: F7G030337-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/05-07/25/07**	**J2AA71AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**69.8 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**31.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/05-07/26/07**	**J2AA71AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/05-07/26/07	J2AA71AW
		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: B1NX94

DISSOLVED Metals

Lot-Sample #...: F7G060253-001 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189033						
Arsenic	**3.0 B**	**10.0**	**ug/L**	**SW846 6020**	**07/08-08/07/07**	**J2FPV1AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NX99

DISSOLVED Metals

Lot-Sample #...: F7G060253-002 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189033						
Arsenic	**3.1 B**	**10.0**	**ug/L**	**SW846 6020**	**07/08-08/07/07**	**J2FPX1AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NXC6

DISSOLVED Metals

Lot-Sample #...: F7G060253-003 **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189033						
Arsenic	ND	10.0	ug/L	SW846 6020	07/08-08/07/07	J2FP21AC
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1NYJ7

DISSOLVED Metals

Lot-Sample #...: F7G060257-001 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**64.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**8.2 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FQ01AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17100 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**3.1 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9150 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ01AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYJ7

DISSOLVED Metals

Lot-Sample #...: F7G060257-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23600 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ01AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**264 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ01AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ01AV
		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: B1NYJ8

TOTAL Metals

Lot-Sample #...: F7G060257-002 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**64.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**9.1 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FQ41AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**8520 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ41AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYJ8

TOTAL Metals

Lot-Sample #...: F7G060257-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ41AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**261 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.8 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ41AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ41AW
		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: B1NYK2

DISSOLVED Metals

Lot-Sample #...: F7G060257-003 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**50.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**47400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**26.9 D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FQ81AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**4.1 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**8170 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ81AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYK2

DISSOLVED Metals

Lot-Sample #...: F7G060257-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FQ81AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**222 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FQ81AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FQ81AV
		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: B1NYK3

TOTAL Metals

Lot-Sample #...: F7G060257-004 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AJ
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**52.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1AK**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AL
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AM
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**48600 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1AN**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**26.7 D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1AP**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AQ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AR
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FRA1AT
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16200 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1AU**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AV
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1AW
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7540 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRA1AX**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1A0
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYK3

TOTAL Metals

Lot-Sample #...: F7G060257-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRA1A1**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**229 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1A2**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**21.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRA1A3**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRA1A4
		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: B1NYK6

DISSOLVED Metals

Lot-Sample #...: F7G060257-005 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**53.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**48000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**20.1 D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**7.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AH**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FRF1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**9.9 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7150 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRF1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYK6

DISSOLVED Metals

Lot-Sample #...: F7G060257-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20600 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRF1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**233 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**20.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRF1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRF1AV
		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: B1NYK7

TOTAL Metals

Lot-Sample #...: F7G060257-006 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**53.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**47800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**20.6 D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FRJ1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6640 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRJ1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYK7

TOTAL Metals

Lot-Sample #...: F7G060257-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FRJ1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**232 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**21.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FRJ1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FRJ1AW
		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: B1NYL0

DISSOLVED Metals

Lot-Sample #...: F7G060257-007 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**61.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**13.5 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FTP1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17200 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.0 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4260 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTP1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL0

DISSOLVED Metals

Lot-Sample #...: F7G060257-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22600 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTP1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**249 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**19.6 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTP1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTP1AV
		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: B1NYL1

TOTAL Metals

Lot-Sample #...: F7G060257-008 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**61.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AF
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**52700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**13.2 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AL
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FTQ1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AP
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7410 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTQ1AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AT
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL1

TOTAL Metals

Lot-Sample #...: F7G060257-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTQ1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**252 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTQ1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTQ1AX
		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: B1NYL4

DISSOLVED Metals

Lot-Sample #...: F7G060257-009 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**38.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**40900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**11.4 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FTW1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**4.0 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7580 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTW1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL4

DISSOLVED Metals

Lot-Sample #...: F7G060257-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FTW1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**258 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FTW1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FTW1AV
		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: B1NYL5

TOTAL Metals

Lot-Sample #...: F7G060257-010 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**37.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AF
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**39000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**21.7 D**	**20.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AL
		Dilution Factor: 2		MDL.....: 3.7		
Iron	**110 B,D**	**200**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FT21AM**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**15300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.5 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AP**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9120 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FT21AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AT
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL5

TOTAL Metals

Lot-Sample #...: F7G060257-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FT21AD**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**253 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT21AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AW
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT21AX
		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: B1NYL8

DISSOLVED Metals

Lot-Sample #...: F7G060257-011 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**67.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**55300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**6.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AH**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FT81AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**8.6 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**8810 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FT81AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL8

DISSOLVED Metals

Lot-Sample #...: F7G060257-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**26300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FT81AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**279 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**16.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FT81AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FT81AV
		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: B1NYL9

TOTAL Metals

Lot-Sample #...: F7G060257-012 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**70.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FVA1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AF
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**58800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FVA1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AL
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2FVA1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**18500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FVA1AN**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AP
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6180 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FVA1AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AT
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYL9

TOTAL Metals

Lot-Sample #...: F7G060257-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**26300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2FVA1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**296 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FVA1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**15.6 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2FVA1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2FVA1AX
		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: B1NJ48

DISSOLVED Metals

Lot-Sample #...: F7G070109-002 **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7189028						
Antimony	ND D	120	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**31.2 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2GNV1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**21500 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2GNV1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/08-07/25/07	J2GNV1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**4620 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2GNV1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**120 D**	**30.0**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2GNV1AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4960 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2GNV1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NJ48

DISSOLVED Metals

Lot-Sample #...: F7G070109-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**61400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/08-07/25/07**	**J2GNV1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**107 D**	**100**	**ug/L**	**SW846 6010B**	**07/08-07/26/07**	**J2GNV1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2GNV1AV
		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: B1NYM2

DISSOLVED Metals

Lot-Sample #...: F7G110184-004 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198253						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**72.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MGM1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**58200 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MGM1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/17-07/25/07	J2MGM1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**19700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MGM1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AM
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7740 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MGM1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYM2

DISSOLVED Metals

Lot-Sample #...: F7G110184-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MGM1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**293 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MGM1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MGM1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2MGM1AV
		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: B1NYM3

TOTAL Metals

Lot-Sample #...: F7G110184-005 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198243						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**72.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/27/07**	**J2MGP1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**58800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/27/07**	**J2MGP1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	07/17-07/25/07	J2MGP1AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**19900 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/27/07**	**J2MGP1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7190**	**5000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MGP1AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NYM3

TOTAL Metals

Lot-Sample #...: F7G110184-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21800**	**5000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MGP1AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**297 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/27/07**	**J2MGP1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**18.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/27/07**	**J2MGP1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/27/07	J2MGP1AW
		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: B1NY73

DISSOLVED Metals

Lot-Sample #...: F7G110184-006 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198253						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**70.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**58700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**5.6 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/17-07/25/07	J2MG01AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17600 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AM
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**10400 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MG01AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY73

DISSOLVED Metals

Lot-Sample #...: F7G110184-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MG01AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**328 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**22.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MG01AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2MG01AV
		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: B1NY75

DISSOLVED Metals

Lot-Sample #...: F7G110184-008 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198253						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**68.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHM1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**57700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHM1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	**41.4 B,D**	**200**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MHM1AL**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**17300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHM1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7390 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MHM1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY75

DISSOLVED Metals

Lot-Sample #...: F7G110184-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23800 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MHM1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**320 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHM1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**21.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHM1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHM1AW
		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: B1NY69

DISSOLVED Metals

Lot-Sample #...: F7G110184-009 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198253						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**72.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**69000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**5.2 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/17-07/25/07	J2MHQ1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**21000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AN
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6740 B,D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MHQ1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NY69

DISSOLVED Metals

Lot-Sample #...: F7G110184-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25000 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2MHQ1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**415 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**20.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2MHQ1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2MHQ1AW
		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: B1NL01

DISSOLVED Metals

Lot-Sample #...: F7G120212-001 **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7198253						
Antimony	ND D	120	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**54.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2QHG1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**46300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2QHG1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**5.1 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2QHG1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND D	200	ug/L	SW846 6010B	07/17-07/25/07	J2QHG1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**10300 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2QHG1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AM
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	07/17-07/25/07	J2QHG1AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NL01

DISSOLVED Metals

Lot-Sample #...: F7G120212-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19700 D**	**10000**	**ug/L**	**SW846 6010B**	**07/17-07/25/07**	**J2QHG1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**192 D**	**100**	**ug/L**	**SW846 6010B**	**07/17-07/26/07**	**J2QHG1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	07/17-07/26/07	J2QHG1AV
		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.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7G080000-028 **Prep Batch #...:** 7189028						
Antimony	ND	60.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A1
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1A9
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1CD
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1CG
		Dilution Factor: 1				

MB Lot-Sample #: F7G170000-243 **Prep Batch #...:** 7198243

Antimony	ND	60.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/17-07/25/07	J21NW1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J21NW1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/17-07/27/07	J21NW1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J21NW1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/17-07/26/07	J21NW1AV
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7G020000-294 **Prep Batch #...:** 7183294						
Antimony	ND	60.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AE
		Dilution Factor: 1				
Calcium	**1040 B**	**5000**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J17Q11AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/02-07/23/07	J17Q11AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AL
		Dilution Factor: 1				
Manganese	**5.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J17Q11AM**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/02-07/23/07	J17Q11AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/02-07/23/07	J17Q11AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	**2.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**07/02-07/24/07**	**J17Q11AT**
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/02-07/24/07	J17Q11AV
		Dilution Factor: 1				

MB Lot-Sample #: F7G050000-385 **Prep Batch #...:** 7186385

Antimony	ND	60.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/05-07/25/07	J2DDA1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	07/05-07/25/07	J2DDA1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/05-07/25/07	J2DDA1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/05-07/26/07	J2DDA1AV
		Dilution Factor: 1				

MB Lot-Sample #: F7G080000-028 **Prep Batch #...:** 7189028

Antimony	ND	60.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1AK
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	ND	5000	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/08-07/25/07	J2HCA1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/08-07/26/07	J2HCA1AV
		Dilution Factor: 1				

MB Lot-Sample #: F7G080000-033 **Prep Batch #...:** 7189033

Arsenic	ND	10.0	ug/L	SW846 6020	07/08-08/07/07	J2HCL1AA
		Dilution Factor: 1				

MB Lot-Sample #: F7G170000-253 **Prep Batch #...:** 7198253

Antimony	ND	60.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	07/17-07/26/07	J22C51AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AE
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J22C51AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	07/17-07/25/07	J22C51AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	07/17-07/26/07	J22C51AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J22C51AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	07/17-07/25/07	J22C51AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	07/17-07/26/07	J22C51AV
		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 #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7G080000-028 **Prep Batch #...:** 7189028							
Antimony	500	511	ug/L	102	SW846 6010B	07/08-07/26/07	J2HCA1C4
			Dilution Factor: 1				
Barium	500	517	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1C5
			Dilution Factor: 1				
Beryllium	500	541	ug/L	108	SW846 6010B	07/08-07/26/07	J2HCA1C6
			Dilution Factor: 1				
Cadmium	500	530	ug/L	106	SW846 6010B	07/08-07/26/07	J2HCA1C7
			Dilution Factor: 1				
Calcium	10000	11000	ug/L	110	SW846 6010B	07/08-07/26/07	J2HCA1C8
			Dilution Factor: 1				
Chromium	500	521	ug/L	104	SW846 6010B	07/08-07/26/07	J2HCA1C9
			Dilution Factor: 1				
Cobalt	500	506	ug/L	101	SW846 6010B	07/08-07/26/07	J2HCA1DA
			Dilution Factor: 1				
Copper	500	512	ug/L	102	SW846 6010B	07/08-07/26/07	J2HCA1DC
			Dilution Factor: 1				
Iron	500	564	ug/L	113	SW846 6010B	07/08-07/25/07	J2HCA1DD
			Dilution Factor: 1				
Magnesium	10000	11200	ug/L	112	SW846 6010B	07/08-07/26/07	J2HCA1DE
			Dilution Factor: 1				
Manganese	500	524	ug/L	105	SW846 6010B	07/08-07/26/07	J2HCA1DF
			Dilution Factor: 1				
Nickel	500	516	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1DG
			Dilution Factor: 1				
Potassium	10000	9750	ug/L	98	SW846 6010B	07/08-07/25/07	J2HCA1DH
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	07/08-07/26/07	J2HCA1DJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10400	ug/L	104	SW846 6010B	07/08-07/25/07	J2HCA1DK
			Dilution Factor: 1				
Strontium	500	545	ug/L	109	SW846 6010B	07/08-07/26/07	J2HCA1DL
			Dilution Factor: 1				
Vanadium	500	516	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1DM
			Dilution Factor: 1				
Zinc	500	555	ug/L	111	SW846 6010B	07/08-07/26/07	J2HCA1DN
			Dilution Factor: 1				
LCS Lot-Sample#: F7G170000-243 **Prep Batch #...:** 7198243							
Antimony	500	485	ug/L	97	SW846 6010B	07/17-07/26/07	J21NW1AW
			Dilution Factor: 1				
Barium	500	489	ug/L	98	SW846 6010B	07/17-07/26/07	J21NW1AX
			Dilution Factor: 1				
Beryllium	500	510	ug/L	102	SW846 6010B	07/17-07/26/07	J21NW1A0
			Dilution Factor: 1				
Cadmium	500	507	ug/L	101	SW846 6010B	07/17-07/26/07	J21NW1A1
			Dilution Factor: 1				
Calcium	10000	10600	ug/L	106	SW846 6010B	07/17-07/26/07	J21NW1A2
			Dilution Factor: 1				
Chromium	500	495	ug/L	99	SW846 6010B	07/17-07/26/07	J21NW1A3
			Dilution Factor: 1				
Cobalt	500	481	ug/L	96	SW846 6010B	07/17-07/26/07	J21NW1A4
			Dilution Factor: 1				
Copper	500	488	ug/L	98	SW846 6010B	07/17-07/26/07	J21NW1A5
			Dilution Factor: 1				
Iron	500	541	ug/L	108	SW846 6010B	07/17-07/25/07	J21NW1A6
			Dilution Factor: 1				
Magnesium	10000	10700	ug/L	107	SW846 6010B	07/17-07/26/07	J21NW1A7
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	498	ug/L	100	SW846 6010B	07/17-07/26/07	J21NW1A8
			Dilution Factor: 1				
Nickel	500	496	ug/L	99	SW846 6010B	07/17-07/26/07	J21NW1A9
			Dilution Factor: 1				
Potassium	10000	11400	ug/L	114	SW846 6010B	07/17-07/25/07	J21NW1CA
			Dilution Factor: 1				
Silver	125	122	ug/L	97	SW846 6010B	07/17-07/27/07	J21NW1CC
			Dilution Factor: 1				
Sodium	10000	10600	ug/L	106	SW846 6010B	07/17-07/25/07	J21NW1CD
			Dilution Factor: 1				
Strontium	500	530	ug/L	106	SW846 6010B	07/17-07/26/07	J21NW1CE
			Dilution Factor: 1				
Vanadium	500	491	ug/L	98	SW846 6010B	07/17-07/26/07	J21NW1CF
			Dilution Factor: 1				
Zinc	500	526	ug/L	105	SW846 6010B	07/17-07/26/07	J21NW1CG
			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 #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7G020000-294 **Prep Batch #...:** 7183294							
Antimony	500	506	ug/L	101	SW846 6010B	07/02-07/24/07	J17Q11AW
			Dilution Factor: 1				
Barium	500	509	ug/L	102	SW846 6010B	07/02-07/24/07	J17Q11AX
			Dilution Factor: 1				
Beryllium	500	533	ug/L	107	SW846 6010B	07/02-07/24/07	J17Q11A0
			Dilution Factor: 1				
Cadmium	500	514	ug/L	103	SW846 6010B	07/02-07/24/07	J17Q11A1
			Dilution Factor: 1				
Calcium	10000	10700	ug/L	107	SW846 6010B	07/02-07/24/07	J17Q11A2
			Dilution Factor: 1				
Chromium	500	507	ug/L	101	SW846 6010B	07/02-07/24/07	J17Q11A3
			Dilution Factor: 1				
Cobalt	500	493	ug/L	99	SW846 6010B	07/02-07/24/07	J17Q11A4
			Dilution Factor: 1				
Copper	500	501	ug/L	100	SW846 6010B	07/02-07/24/07	J17Q11A5
			Dilution Factor: 1				
Iron	500	546	ug/L	109	SW846 6010B	07/02-07/23/07	J17Q11A6
			Dilution Factor: 1				
Magnesium	10000	10700	ug/L	107	SW846 6010B	07/02-07/24/07	J17Q11A7
			Dilution Factor: 1				
Manganese	500	512	ug/L	102	SW846 6010B	07/02-07/24/07	J17Q11A8
			Dilution Factor: 1				
Nickel	500	501	ug/L	100	SW846 6010B	07/02-07/24/07	J17Q11A9
			Dilution Factor: 1				
Potassium	10000	11000	ug/L	110	SW846 6010B	07/02-07/23/07	J17Q11CA
			Dilution Factor: 1				
Silver	125	123	ug/L	99	SW846 6010B	07/02-07/24/07	J17Q11CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10800	ug/L	108	SW846 6010B	07/02-07/23/07	J17Q11CD
			Dilution Factor: 1				
Strontium	500	534	ug/L	107	SW846 6010B	07/02-07/24/07	J17Q11CE
			Dilution Factor: 1				
Vanadium	500	506	ug/L	101	SW846 6010B	07/02-07/24/07	J17Q11CF
			Dilution Factor: 1				
Zinc	500	543	ug/L	109	SW846 6010B	07/02-07/24/07	J17Q11CG
			Dilution Factor: 1				
LCS Lot-Sample#: F7G050000-385 **Prep Batch #...:** 7186385							
Antimony	500	491	ug/L	98	SW846 6010B	07/05-07/26/07	J2DDA1AW
			Dilution Factor: 1				
Barium	500	482	ug/L	96	SW846 6010B	07/05-07/26/07	J2DDA1AX
			Dilution Factor: 1				
Beryllium	500	505	ug/L	101	SW846 6010B	07/05-07/26/07	J2DDA1A0
			Dilution Factor: 1				
Cadmium	500	499	ug/L	100	SW846 6010B	07/05-07/26/07	J2DDA1A1
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	07/05-07/26/07	J2DDA1A2
			Dilution Factor: 1				
Chromium	500	491	ug/L	98	SW846 6010B	07/05-07/26/07	J2DDA1A3
			Dilution Factor: 1				
Cobalt	500	475	ug/L	95	SW846 6010B	07/05-07/26/07	J2DDA1A4
			Dilution Factor: 1				
Copper	500	482	ug/L	96	SW846 6010B	07/05-07/26/07	J2DDA1A5
			Dilution Factor: 1				
Iron	500	544	ug/L	109	SW846 6010B	07/05-07/25/07	J2DDA1A6
			Dilution Factor: 1				
Magnesium	10000	10600	ug/L	106	SW846 6010B	07/05-07/26/07	J2DDA1A7
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	492	ug/L	98	SW846 6010B	07/05-07/26/07	J2DDA1A8
			Dilution Factor: 1				
Nickel	500	488	ug/L	98	SW846 6010B	07/05-07/26/07	J2DDA1A9
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	07/05-07/25/07	J2DDA1CA
			Dilution Factor: 1				
Silver	125	121	ug/L	97	SW846 6010B	07/05-07/26/07	J2DDA1CC
			Dilution Factor: 1				
Sodium	10000	10600	ug/L	106	SW846 6010B	07/05-07/25/07	J2DDA1CD
			Dilution Factor: 1				
Strontium	500	517	ug/L	103	SW846 6010B	07/05-07/26/07	J2DDA1CE
			Dilution Factor: 1				
Vanadium	500	484	ug/L	97	SW846 6010B	07/05-07/26/07	J2DDA1CF
			Dilution Factor: 1				
Zinc	500	524	ug/L	105	SW846 6010B	07/05-07/26/07	J2DDA1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F7G080000-028 **Prep Batch #...:** 7189028							
Antimony	500	511	ug/L	102	SW846 6010B	07/08-07/26/07	J2HCA1CH
			Dilution Factor: 1				
Barium	500	517	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1CJ
			Dilution Factor: 1				
Beryllium	500	541	ug/L	108	SW846 6010B	07/08-07/26/07	J2HCA1CK
			Dilution Factor: 1				
Cadmium	500	530	ug/L	106	SW846 6010B	07/08-07/26/07	J2HCA1CL
			Dilution Factor: 1				
Calcium	10000	11000	ug/L	110	SW846 6010B	07/08-07/26/07	J2HCA1CM
			Dilution Factor: 1				
Chromium	500	521	ug/L	104	SW846 6010B	07/08-07/26/07	J2HCA1CN
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	506	ug/L	101	SW846 6010B	07/08-07/26/07	J2HCA1CP
			Dilution Factor: 1				
Copper	500	512	ug/L	102	SW846 6010B	07/08-07/26/07	J2HCA1CQ
			Dilution Factor: 1				
Iron	500	564	ug/L	113	SW846 6010B	07/08-07/25/07	J2HCA1CR
			Dilution Factor: 1				
Magnesium	10000	11200	ug/L	112	SW846 6010B	07/08-07/26/07	J2HCA1CT
			Dilution Factor: 1				
Manganese	500	524	ug/L	105	SW846 6010B	07/08-07/26/07	J2HCA1CU
			Dilution Factor: 1				
Nickel	500	516	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1CV
			Dilution Factor: 1				
Potassium	10000	9750	ug/L	98	SW846 6010B	07/08-07/25/07	J2HCA1CW
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	07/08-07/26/07	J2HCA1CX
			Dilution Factor: 1				
Sodium	10000	10400	ug/L	104	SW846 6010B	07/08-07/25/07	J2HCA1C0
			Dilution Factor: 1				
Strontium	500	545	ug/L	109	SW846 6010B	07/08-07/26/07	J2HCA1C1
			Dilution Factor: 1				
Vanadium	500	516	ug/L	103	SW846 6010B	07/08-07/26/07	J2HCA1C2
			Dilution Factor: 1				
Zinc	500	555	ug/L	111	SW846 6010B	07/08-07/26/07	J2HCA1C3
			Dilution Factor: 1				
LCS Lot-Sample#: F7G080000-033 **Prep Batch #...:** 7189033							
Arsenic	500	491	ug/L	98	SW846 6020	07/08-08/07/07	J2HCL1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7G170000-253 **Prep Batch #...:** 7198253							
Antimony	500	469	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A2
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	500	467	ug/L	93	SW846 6010B	07/17-07/26/07	J22C51A3
			Dilution Factor: 1				
Beryllium	500	486	ug/L	97	SW846 6010B	07/17-07/26/07	J22C51A4
			Dilution Factor: 1				
Cadmium	500	484	ug/L	97	SW846 6010B	07/17-07/26/07	J22C51A5
			Dilution Factor: 1				
Calcium	10000	10000	ug/L	100	SW846 6010B	07/17-07/26/07	J22C51A6
			Dilution Factor: 1				
Chromium	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A7
			Dilution Factor: 1				
Cobalt	500	456	ug/L	91	SW846 6010B	07/17-07/26/07	J22C51A8
			Dilution Factor: 1				
Copper	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51A9
			Dilution Factor: 1				
Iron	500	487	ug/L	97	SW846 6010B	07/17-07/25/07	J22C51CA
			Dilution Factor: 1				
Magnesium	10000	10100	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CC
			Dilution Factor: 1				
Manganese	500	474	ug/L	95	SW846 6010B	07/17-07/26/07	J22C51CD
			Dilution Factor: 1				
Nickel	500	468	ug/L	94	SW846 6010B	07/17-07/26/07	J22C51CE
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	07/17-07/25/07	J22C51CF
			Dilution Factor: 1				
Silver	125	120	ug/L	96	SW846 6010B	07/17-07/26/07	J22C51CG
			Dilution Factor: 1				
Sodium	10000	9900	ug/L	99	SW846 6010B	07/17-07/25/07	J22C51CH
			Dilution Factor: 1				
Strontium	500	504	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CJ
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	500	465	ug/L	93	SW846 6010B	07/17-07/26/07	J22C51CK
			Dilution Factor: 1				
Zinc	500	506	ug/L	101	SW846 6010B	07/17-07/26/07	J22C51CL
			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 #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G060257-002 **Prep Batch #...:** 7189028									
Antimony									
	ND	250	249 D	ug/L	100		SW846 6010B	07/08-07/26/07	J2FQ41A6
	ND	250	239 D	ug/L	96	4.2	SW846 6010B	07/08-07/26/07	J2FQ41A7
			Dilution Factor: 2						
Barium									
	64.1	1000	1070 D	ug/L	101		SW846 6010B	07/08-07/26/07	J2FQ41A8
	64.1	1000	1010 D	ug/L	95	5.2	SW846 6010B	07/08-07/26/07	J2FQ41A9
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.5 D	ug/L	106		SW846 6010B	07/08-07/26/07	J2FQ41CA
	ND	25.0	25.5 D	ug/L	102	4.2	SW846 6010B	07/08-07/26/07	J2FQ41CC
			Dilution Factor: 2						
Cadmium									
	ND	25.0	25.4 D	ug/L	102		SW846 6010B	07/08-07/26/07	J2FQ41CD
	ND	25.0	24.2 D	ug/L	97	5.0	SW846 6010B	07/08-07/26/07	J2FQ41CE
			Dilution Factor: 2						
Calcium									
	52300	25000	78300 D	ug/L	104		SW846 6010B	07/08-07/26/07	J2FQ41CF
	52300	25000	74700 D	ug/L	90	4.6	SW846 6010B	07/08-07/26/07	J2FQ41CG
			Dilution Factor: 2						
Chromium									
	9.1	100	110 D	ug/L	101		SW846 6010B	07/08-07/26/07	J2FQ41CH
	9.1	100	103 D	ug/L	94	6.5	SW846 6010B	07/08-07/26/07	J2FQ41CJ
			Dilution Factor: 2						
Cobalt									
	ND	250	242 D	ug/L	97		SW846 6010B	07/08-07/26/07	J2FQ41CK
	ND	250	232 D	ug/L	93	4.4	SW846 6010B	07/08-07/26/07	J2FQ41CL
			Dilution Factor: 2						
Copper									
	ND	125	121 D	ug/L	97		SW846 6010B	07/08-07/26/07	J2FQ41CM
	ND	125	113 D	ug/L	90	7.6	SW846 6010B	07/08-07/26/07	J2FQ41CN
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	572 D	ug/L	114		SW846 6010B	07/08-07/25/07	J2FQ41CP
	ND	500	565 D	ug/L	113	1.3	SW846 6010B	07/08-07/25/07	J2FQ41CQ
			Dilution Factor: 2						
Magnesium									
	16900	25000	43600 D	ug/L	107		SW846 6010B	07/08-07/26/07	J2FQ41CR
	16900	25000	41800 D	ug/L	99	4.3	SW846 6010B	07/08-07/26/07	J2FQ41CT
			Dilution Factor: 2						
Manganese									
	ND	250	253 D	ug/L	101		SW846 6010B	07/08-07/26/07	J2FQ41CU
	ND	250	242 D	ug/L	97	4.6	SW846 6010B	07/08-07/26/07	J2FQ41CV
			Dilution Factor: 2						
Nickel									
	ND	250	245 D	ug/L	98		SW846 6010B	07/08-07/26/07	J2FQ41CW
	ND	250	234 D	ug/L	94	4.4	SW846 6010B	07/08-07/26/07	J2FQ41CX
			Dilution Factor: 2						
Potassium									
	8520	25000	31500 D	ug/L	92		SW846 6010B	07/08-07/25/07	J2FQ41C0
	8520	25000	34600 D	ug/L	104	9.3	SW846 6010B	07/08-07/25/07	J2FQ41C1
			Dilution Factor: 2						
Silver									
	ND	25.0	24.6 D	ug/L	98		SW846 6010B	07/08-07/26/07	J2FQ41C2
	ND	25.0	24.0 D	ug/L	96	2.1	SW846 6010B	07/08-07/26/07	J2FQ41C3
			Dilution Factor: 2						
Sodium									
	23500	25000	48200 D	ug/L	99		SW846 6010B	07/08-07/25/07	J2FQ41C4
	23500	25000	48400 D	ug/L	99	0.42	SW846 6010B	07/08-07/25/07	J2FQ41C5
			Dilution Factor: 2						
Strontium									
	261	500	801 D	ug/L	108		SW846 6010B	07/08-07/26/07	J2FQ41C6
	261	500	760 D	ug/L	100	5.2	SW846 6010B	07/08-07/26/07	J2FQ41C7
			Dilution Factor: 2						
Vanadium									
	18.8	250	266 D	ug/L	99		SW846 6010B	07/08-07/26/07	J2FQ41C8
	18.8	250	254 D	ug/L	94	4.6	SW846 6010B	07/08-07/26/07	J2FQ41C9
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	278 D	ug/L	107		SW846 6010B	07/08-07/26/07	J2FQ41DA
	ND	250	264 D	ug/L	102	5.2	SW846 6010B	07/08-07/26/07	J2FQ41DC

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 #...: SL701 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7F300110-001 **Prep Batch #...:** 7183294									
Antimony									
	ND	250	248 D	ug/L	99		SW846 6010B	07/02-07/24/07	J15261AX
	ND	250	248 D	ug/L	99	0.09	SW846 6010B	07/02-07/24/07	J15261A0
			Dilution Factor: 2						
Barium									
	63.5	1000	1070 D	ug/L	101		SW846 6010B	07/02-07/24/07	J15261A1
	63.5	1000	1080 D	ug/L	102	0.71	SW846 6010B	07/02-07/24/07	J15261A2
			Dilution Factor: 2						
Beryllium									
	ND	25.0	27.0 D	ug/L	108		SW846 6010B	07/02-07/24/07	J15261A3
	ND	25.0	27.3 D	ug/L	109	1.3	SW846 6010B	07/02-07/24/07	J15261A4
			Dilution Factor: 2						
Cadmium									
	ND	25.0	25.0 D	ug/L	100		SW846 6010B	07/02-07/24/07	J15261A5
	ND	25.0	25.4 D	ug/L	101	1.4	SW846 6010B	07/02-07/24/07	J15261A6
			Dilution Factor: 2						
Calcium									
	51100	25000	76000 D	ug/L	100		SW846 6010B	07/02-07/24/07	J15261A7
	51100	25000	77100 D	ug/L	104	1.5	SW846 6010B	07/02-07/24/07	J15261A8
			Dilution Factor: 2						
Chromium									
	ND	100	105 D	ug/L	101		SW846 6010B	07/02-07/24/07	J15261A9
	ND	100	106 D	ug/L	103	1.3	SW846 6010B	07/02-07/24/07	J15261CA
			Dilution Factor: 2						
Cobalt									
	ND	250	242 D	ug/L	97		SW846 6010B	07/02-07/24/07	J15261CC
	ND	250	244 D	ug/L	98	1.2	SW846 6010B	07/02-07/24/07	J15261CD
			Dilution Factor: 2						
Copper									
	ND	125	121 D	ug/L	96		SW846 6010B	07/02-07/24/07	J15261CE
	ND	125	122 D	ug/L	98	1.4	SW846 6010B	07/02-07/24/07	J15261CF
			Dilution Factor: 2						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	551	ug/L	110		SW846 6010B	07/02-07/23/07	J15261CG
	ND	500	552	ug/L	110	0.31	SW846 6010B	07/02-07/23/07	J15261CH
			Dilution Factor: 1						
Magnesium									
	10300	25000	36200 D	ug/L	104		SW846 6010B	07/02-07/24/07	J15261CJ
	10300	25000	36800 D	ug/L	106	1.7	SW846 6010B	07/02-07/24/07	J15261CK
			Dilution Factor: 2						
Manganese									
	ND	250	252 D	ug/L	100		SW846 6010B	07/02-07/24/07	J15261CL
	ND	250	255 D	ug/L	102	1.4	SW846 6010B	07/02-07/24/07	J15261CM
			Dilution Factor: 2						
Nickel									
	ND	250	242 D	ug/L	97		SW846 6010B	07/02-07/24/07	J15261CN
	ND	250	246 D	ug/L	98	1.8	SW846 6010B	07/02-07/24/07	J15261CP
			Dilution Factor: 2						
Potassium									
	6300	25000	31200	ug/L	100		SW846 6010B	07/02-07/23/07	J15261CQ
	6300	25000	31800	ug/L	102	2.0	SW846 6010B	07/02-07/23/07	J15261CR
			Dilution Factor: 1						
Silver									
	ND	25.0	22.3 D	ug/L	89		SW846 6010B	07/02-07/24/07	J15261CT
	ND	25.0	23.9 D	ug/L	95	6.7	SW846 6010B	07/02-07/24/07	J15261CU
			Dilution Factor: 2						
Sodium									
	24800	25000	50300	ug/L	102		SW846 6010B	07/02-07/23/07	J15261CV
	24800	25000	50800	ug/L	104	0.88	SW846 6010B	07/02-07/23/07	J15261CW
			Dilution Factor: 1						
Strontium									
	238	500	763 D	ug/L	105		SW846 6010B	07/02-07/24/07	J15261CX
	238	500	770 D	ug/L	106	0.81	SW846 6010B	07/02-07/24/07	J15261C0
			Dilution Factor: 2						
Vanadium									
	ND	250	254 D	ug/L	99		SW846 6010B	07/02-07/24/07	J15261C1
	ND	250	259 D	ug/L	101	1.7	SW846 6010B	07/02-07/24/07	J15261C2
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL701 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	272 D	ug/L	109		SW846 6010B	07/02-07/24/07	J15261C3
	ND	250	278 D	ug/L	111	2.0	SW846 6010B	07/02-07/24/07	J15261C4

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 #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7G060253-001 **Prep Batch #...:** 7189033									
Arsenic									
	3.0	1000	961	ug/L	96		SW846 6020	07/08-08/07/07	J2FPV1AD
	3.0	1000	986	ug/L	98	2.5	SW846 6020	07/08-08/07/07	J2FPV1AE

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: B1NL33

General Chemistry

Lot-Sample #...: F7F300110-002 **Work Order #...:** J1529 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**18.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183082**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.38**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183083**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**5.1 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183086**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**44.9 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183084**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**122**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/03/07**	**7184043**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL61

General Chemistry

Lot-Sample #...: F7F300110-004 **Work Order #...:** J153M **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**16.6 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183082**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.34**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183083**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.8 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183086**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**61.1 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183084**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**134**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/03/07**	**7184043**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL65

General Chemistry

Lot-Sample #...: F7F300110-006 **Work Order #...:** J1530 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**15.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183082**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.39**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183083**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.7 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183086**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**61.4 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183084**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**135**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/03/07**	**7184043**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL68

General Chemistry

Lot-Sample #...: F7F300110-008 **Work Order #...:** J1535 **Matrix.....:** WATER
Date Sampled...: 06/29/07 **Date Received..:** 06/30/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**17.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183082**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.34**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183083**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.8 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183086**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**62.0 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/30/07**	**7183084**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**136**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/03/07**	**7184043**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NYJ8

General Chemistry

Lot-Sample #...: F7G060257-002 **Work Order #...:** J2FQ4 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**13.4 D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190067**
		Dilution Factor: 20		MDL.....: 0.40		
Fluoride	**0.41**	**0.10**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190068**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**11.3 D**	**0.40**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190071**
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	07/06/07	7190070
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**47.7 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190069**
		Dilution Factor: 20		MDL.....: 1.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	07/30/07	7212096
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NYK3

General Chemistry

Lot-Sample #...: F7G060257-004 **Work Order #...:** J2FRA **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**12.3 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190067**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.39**	**0.10**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190068**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**4.8 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190071**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	07/06/07	7190070
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**41.5 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**07/06/07**	**7190069**
		Dilution Factor: 10		MDL.....: 0.50		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**2.3 B,C**	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1NYK7

General Chemistry

Lot-Sample #...: F7G060257-006 **Work Order #...:** J2FRJ **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	07/30/07	7212096
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NYL1

General Chemistry

Lot-Sample #...: F7G060257-008 **Work Order #...:** J2FTQ **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**9.6 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

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

Fluor Hanford Inc

Client Sample ID: B1NYL5

General Chemistry

Lot-Sample #...: F7G060257-010 **Work Order #...:** J2FT2 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.8**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NYL9

General Chemistry

Lot-Sample #...: F7G060257-012 **Work Order #...:** J2FVA **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.5**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NYD6

General Chemistry

Lot-Sample #...: F7G060257-013 **Work Order #...:** J2FVF **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060

Dilution Factor: 1 MDL.....: 0.76

Fluor Hanford Inc

Client Sample ID: B1NYD7

General Chemistry

Lot-Sample #...: F7G060257-014 **Work Order #...:** J2FVN **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060

Dilution Factor: 1 MDL.....: 0.76

Fluor Hanford Inc

Client Sample ID: B1NYD8

General Chemistry

Lot-Sample #...: F7G060257-015 **Work Order #...:** J2FVP **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060

Dilution Factor: 1 MDL.....: 0.76

Fluor Hanford Inc

Client Sample ID: B1NYD9

General Chemistry

Lot-Sample #...: F7G060257-016 **Work Order #...:** J2FVQ **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060

Dilution Factor: 1 MDL.....: 0.76

Fluor Hanford Inc

Client Sample ID: B1NYH1

General Chemistry

Lot-Sample #...: F7G060257-017 **Work Order #...:** J2FVV **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.6 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

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

Fluor Hanford Inc

Client Sample ID: B1NYH2

General Chemistry

Lot-Sample #...: F7G060257-018 **Work Order #...:** J2FV2 **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**6.5 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

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

Fluor Hanford Inc

Client Sample ID: B1NYH3

General Chemistry

Lot-Sample #...: F7G060257-019 **Work Order #...:** J2FV4 **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.8 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

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

Fluor Hanford Inc

Client Sample ID: B1NYH4

General Chemistry

Lot-Sample #...: F7G060257-020 **Work Order #...:** J2FV5 **Matrix.....:** WATER
Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	07/30/07	7212096
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NJ46

General Chemistry

Lot-Sample #...: F7G070109-001 **Work Order #...:** J2GNJ **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**4.7 C,D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190073**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	ND N	0.10	mg/L	MCAWW 300.0A	07/07/07	7190074
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**2.1 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190077**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	**0.047 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190076**
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	**60.8 C,DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190191**
		Dilution Factor: 10		MDL.....: 1.6		
Sulfate	**8.0 N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190075**
		Dilution Factor: 1		MDL.....: 0.050		
Total Organic Carbon	**1.8**	**1.0**	**mg/L**	**SW846 9060**	**07/09/07**	**7188060**
		Dilution Factor: 1		MDL.....: 0.76		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

Fluor Hanford Inc

Client Sample ID: B1NJ49

General Chemistry

Lot-Sample #...: F7G070109-003 **Work Order #...:** J2GNW **Matrix.....:** WATER
Date Sampled...: 07/06/07 **Date Received..:** 07/07/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**7.1 C,D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190073**
	Dilution Factor: 10			MDL.....: 0.20		
Fluoride	**0.067 B,N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190074**
	Dilution Factor: 1			MDL.....: 0.025		
Nitrate	**1.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190077**
	Dilution Factor: 10			MDL.....: 0.040		
Nitrite	**0.079 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190076**
	Dilution Factor: 1			MDL.....: 0.0050		
Phosphate as P, Ortho	**38.2 C,DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190191**
	Dilution Factor: 10			MDL.....: 1.6		
Sulfate	**7.7 N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190075**
	Dilution Factor: 1			MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

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

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.

DN Result obtained from dilution; spike sample recovery outside control limits.

Fluor Hanford Inc

Client Sample ID: B1NYN5

General Chemistry

Lot-Sample #...: F7G110184-001 **Work Order #...:** J2MGG **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND N	50.0	ug/L	MCAWW 350.1	07/17/07	7198128

Dilution Factor: 1 MDL.....: 5.0

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NYM8

General Chemistry

Lot-Sample #...: F7G110184-002 **Work Order #...:** J2MGH **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND N	50.0	ug/L	MCAWW 350.1	07/17/07	7198128

Dilution Factor: 1 MDL.....: 5.0

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NYM9

General Chemistry

Lot-Sample #...: F7G110184-003 **Work Order #...:** J2MGL **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND N	50.0	ug/L	MCAWW 350.1	07/17/07	7198128

Dilution Factor: 1 MDL.....: 5.0

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NYM3

General Chemistry

Lot-Sample #...: F7G110184-005 **Work Order #...:** J2MGP **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**15.8**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NY74

General Chemistry

Lot-Sample #...: F7G110184-007 **Work Order #...:** J2MG3 **Matrix.....:** WATER
Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**14.0 C,D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/11/07**	**7193057**
	Dilution Factor: 10			MDL.....: 0.20		
Fluoride	**0.28**	**0.10**	**mg/L**	**MCAWW 300.0A**	**07/11/07**	**7193058**
	Dilution Factor: 1			MDL.....: 0.025		
Nitrate	**16.1 D**	**1.0**	**mg/L**	**MCAWW 300.0A**	**07/11/07**	**7193061**
	Dilution Factor: 50			MDL.....: 0.20		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	07/11/07	7193060
	Dilution Factor: 1			MDL.....: 0.0050		
Sulfate	**51.6 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**07/11/07**	**7193059**
	Dilution Factor: 10			MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NXX9

General Chemistry

Lot-Sample #...: F7G120208-001 **Work Order #...:** J2QGQ **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.3 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NXY0

General Chemistry

Lot-Sample #...: F7G120208-002 **Work Order #...:** J2QGR **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.9 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NXY1

General Chemistry

Lot-Sample #...: F7G120208-003 **Work Order #...:** J2QGV **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.5 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NXY2

General Chemistry

Lot-Sample #...: F7G120208-004 **Work Order #...:** J2QGW **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.1 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/31/07**	**7213127**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NL02

General Chemistry

Lot-Sample #...: F7G120212-002 **Work Order #...:** J2QHL **Matrix.....:** WATER
Date Sampled...: 07/11/07 **Date Received..:** 07/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**14.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/12/07**	**7194330**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.32**	**0.10**	**mg/L**	**MCAWW 300.0A**	**07/12/07**	**7194331**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**4.6 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/12/07**	**7194334**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	07/12/07	7194333
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**40.7 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**07/12/07**	**7194332**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**123**	**5.0**	**mg/L**	**MCAWW 310.1**	**07/20/07**	**7201154**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J17RJ1AA		MB Lot-Sample #:	F7G020000-082	
	ND	0.20	mg/L	MCAWW 300.0A	06/30/07	7183082
		Dilution Factor: 1				
Chloride		Work Order #: J2HGC1AA		MB Lot-Sample #:	F7G090000-067	
	ND	0.20	mg/L	MCAWW 300.0A	07/06/07	7190067
		Dilution Factor: 1				
Chloride		Work Order #: J2HNM1AA		MB Lot-Sample #:	F7G090000-073	
	0.023 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190073**
		Dilution Factor: 1				
Chloride		Work Order #: J2PGV1AA		MB Lot-Sample #:	F7G120000-057	
	0.022 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**07/11/07**	**7193057**
		Dilution Factor: 1				
Chloride		Work Order #: J20HP1AA		MB Lot-Sample #:	F7G130000-330	
	ND	0.20	mg/L	MCAWW 300.0A	07/12/07	7194330
		Dilution Factor: 1				
Fluoride		Work Order #: J17RK1AA		MB Lot-Sample #:	F7G020000-083	
	ND	0.10	mg/L	MCAWW 300.0A	06/30/07	7183083
		Dilution Factor: 1				
Fluoride		Work Order #: J2HGD1AA		MB Lot-Sample #:	F7G090000-068	
	ND	0.10	mg/L	MCAWW 300.0A	07/06/07	7190068
		Dilution Factor: 1				
Fluoride		Work Order #: J2HNP1AA		MB Lot-Sample #:	F7G090000-074	
	ND	0.10	mg/L	MCAWW 300.0A	07/07/07	7190074
		Dilution Factor: 1				
Fluoride		Work Order #: J2PGW1AA		MB Lot-Sample #:	F7G120000-058	
	ND	0.10	mg/L	MCAWW 300.0A	07/11/07	7193058
		Dilution Factor: 1				
Fluoride		Work Order #: J20H01AA		MB Lot-Sample #:	F7G130000-331	
	ND	0.10	mg/L	MCAWW 300.0A	07/12/07	7194331
		Dilution Factor: 1				
Nitrate		Work Order #: J17RN1AA		MB Lot-Sample #:	F7G020000-086	
	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183086
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate		Work Order #: J2HGH1AA		MB Lot-Sample #:	F7G090000-071	
	ND	0.020	mg/L	MCAWW 300.0A	07/06/07	7190071
		Dilution Factor: 1				
Nitrate		Work Order #: J2HNV1AA		MB Lot-Sample #:	F7G090000-077	
	ND	0.020	mg/L	MCAWW 300.0A	07/07/07	7190077
		Dilution Factor: 1				
Nitrate		Work Order #: J2PG21AA		MB Lot-Sample #:	F7G120000-061	
	ND	0.020	mg/L	MCAWW 300.0A	07/11/07	7193061
		Dilution Factor: 1				
Nitrate		Work Order #: J20JF1AA		MB Lot-Sample #:	F7G130000-334	
	ND	0.020	mg/L	MCAWW 300.0A	07/12/07	7194334
		Dilution Factor: 1				
Nitrite		Work Order #: J17RM1AA		MB Lot-Sample #:	F7G020000-085	
	ND	0.020	mg/L	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1				
Nitrite		Work Order #: J2HGF1AA		MB Lot-Sample #:	F7G090000-070	
	ND	0.020	mg/L	MCAWW 300.0A	07/06/07	7190070
		Dilution Factor: 1				
Nitrite		Work Order #: J2HNR1AA		MB Lot-Sample #:	F7G090000-076	
	ND	0.020	mg/L	MCAWW 300.0A	07/07/07	7190076
		Dilution Factor: 1				
Nitrite		Work Order #: J2PG11AA		MB Lot-Sample #:	F7G120000-060	
	ND	0.020	mg/L	MCAWW 300.0A	07/11/07	7193060
		Dilution Factor: 1				
Nitrite		Work Order #: J20H91AA		MB Lot-Sample #:	F7G130000-333	
	ND	0.020	mg/L	MCAWW 300.0A	07/12/07	7194333
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: J21F51AA		MB Lot-Sample #:	F7G170000-128	
	ND	50.0	ug/L	MCAWW 350.1	07/17/07	7198128
		Dilution Factor: 1				
Phosphate as P, Ortho		Work Order #: J2HNX1AA		MB Lot-Sample #:	F7G090000-191	
	0.19 B	**0.50**	**mg/L**	**MCAWW 300.0A**	**07/07/07**	**7190191**
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL701 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		Work Order #: J17RL1AA		MB Lot-Sample #:	F7G020000-084	
	ND	0.50	mg/L	MCAWW 300.0A	06/30/07	7183084
		Dilution Factor: 1				
Sulfate		Work Order #: J2HGE1AA		MB Lot-Sample #:	F7G090000-069	
	ND	0.50	mg/L	MCAWW 300.0A	07/06/07	7190069
		Dilution Factor: 1				
Sulfate		Work Order #: J2HNQ1AA		MB Lot-Sample #:	F7G090000-075	
	ND	0.50	mg/L	MCAWW 300.0A	07/07/07	7190075
		Dilution Factor: 1				
Sulfate		Work Order #: J2PG01AA		MB Lot-Sample #:	F7G120000-059	
	ND	0.50	mg/L	MCAWW 300.0A	07/11/07	7193059
		Dilution Factor: 1				
Sulfate		Work Order #: J20H71AA		MB Lot-Sample #:	F7G130000-332	
	ND	0.50	mg/L	MCAWW 300.0A	07/12/07	7194332
		Dilution Factor: 1				
Total Alkalinity		Work Order #: J18T91AA		MB Lot-Sample #:	F7G030000-043	
	ND	5.0	mg/L	MCAWW 310.1	07/03/07	7184043
		Dilution Factor: 1				
Total Alkalinity		Work Order #: J287F1AA		MB Lot-Sample #:	F7G200000-154	
	ND	5.0	mg/L	MCAWW 310.1	07/20/07	7201154
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J2JV61AA		MB Lot-Sample #:	F7G070000-060	
	ND	1.0	mg/L	SW846 9060	07/09/07	7188060
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J3HR01AA		MB Lot-Sample #:	F7G240000-281	
	ND	1.0	mg/L	SW846 9060	07/24/07	7205281
		Dilution Factor: 1				
TOX		Work Order #: J3WDR1AA		MB Lot-Sample #:	F7G310000-096	
	4.6 B	**5.0**	**ug/L**	**SW846 9020B**	**07/30/07**	**7212096**
		Dilution Factor: 1				
TOX		Work Order #: J30F61AA		MB Lot-Sample #:	F7H010000-127	
	ND	5.0	ug/L	SW846 9020B	07/31/07	7213127
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			WO#:J17RJ1AC-LCS/J17RJ1AD-LCSD			LCS Lot-Sample#: F7G020000-082		
	2.00	1.97	mg/L	98		MCAWW 300.0A	06/30/07	7183082
	2.00	1.94	mg/L	97	1.5	MCAWW 300.0A	06/30/07	7183082
			Dilution Factor: 1					
Chloride			WO#:J2HGC1AC-LCS/J2HGC1AD-LCSD			LCS Lot-Sample#: F7G090000-067		
	2.00	2.02	mg/L	101		MCAWW 300.0A	07/06/07	7190067
	2.00	1.99	mg/L	100	1.4	MCAWW 300.0A	07/06/07	7190067
			Dilution Factor: 1					
Chloride			WO#:J2HNM1AC-LCS/J2HNM1AD-LCSD			LCS Lot-Sample#: F7G090000-073		
	2.00	1.98	mg/L	99		MCAWW 300.0A	07/07/07	7190073
	2.00	2.05	mg/L	102	3.4	MCAWW 300.0A	07/07/07	7190073
			Dilution Factor: 1					
Chloride			WO#:J2PGV1AC-LCS/J2PGV1AD-LCSD			LCS Lot-Sample#: F7G120000-057		
	2.00	1.94	mg/L	97		MCAWW 300.0A	07/11/07	7193057
	2.00	1.92	mg/L	96	0.82	MCAWW 300.0A	07/11/07	7193057
			Dilution Factor: 1					
Chloride			WO#:J20HP1AC-LCS/J20HP1AD-LCSD			LCS Lot-Sample#: F7G130000-330		
	2.00	1.90	mg/L	95		MCAWW 300.0A	07/12/07	7194330
	2.00	1.97	mg/L	98	3.4	MCAWW 300.0A	07/12/07	7194330
			Dilution Factor: 1					
Fluoride			WO#:J17RK1AC-LCS/J17RK1AD-LCSD			LCS Lot-Sample#: F7G020000-083		
	1.00	1.00	mg/L	100		MCAWW 300.0A	06/30/07	7183083
	1.00	0.960	mg/L	96	4.1	MCAWW 300.0A	06/30/07	7183083
			Dilution Factor: 1					
Fluoride			WO#:J2HGD1AC-LCS/J2HGD1AD-LCSD			LCS Lot-Sample#: F7G090000-068		
	1.00	0.986	mg/L	99		MCAWW 300.0A	07/06/07	7190068
	1.00	0.974	mg/L	97	1.3	MCAWW 300.0A	07/06/07	7190068
			Dilution Factor: 1					
Fluoride			WO#:J2HNP1AC-LCS/J2HNP1AD-LCSD			LCS Lot-Sample#: F7G090000-074		
	1.00	0.996	mg/L	100		MCAWW 300.0A	07/07/07	7190074
	1.00	0.984	mg/L	98	1.2	MCAWW 300.0A	07/07/07	7190074
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Fluoride		WO#:J2PGW1AC-LCS/J2PGW1AD-LCSD				LCS Lot-Sample#: F7G120000-058		
	1.00	0.974	mg/L	97		MCAWW 300.0A	07/11/07	7193058
	1.00	0.958	mg/L	96	1.6	MCAWW 300.0A	07/11/07	7193058
		Dilution Factor: 1						
Fluoride		WO#:J20H01AC-LCS/J20H01AD-LCSD				LCS Lot-Sample#: F7G130000-331		
	1.00	0.945	mg/L	95		MCAWW 300.0A	07/12/07	7194331
	1.00	1.02	mg/L	102	7.7	MCAWW 300.0A	07/12/07	7194331
		Dilution Factor: 1						
Nitrate		WO#:J17RN1AC-LCS/J17RN1AD-LCSD				LCS Lot-Sample#: F7G020000-086		
	0.400	0.394	mg/L	99		MCAWW 300.0A	06/30/07	7183086
	0.400	0.388	mg/L	97	1.6	MCAWW 300.0A	06/30/07	7183086
		Dilution Factor: 1						
Nitrate		WO#:J2HGH1AC-LCS/J2HGH1AD-LCSD				LCS Lot-Sample#: F7G090000-071		
	0.400	0.412	mg/L	103		MCAWW 300.0A	07/06/07	7190071
	0.400	0.412	mg/L	103	0.05	MCAWW 300.0A	07/06/07	7190071
		Dilution Factor: 1						
Nitrate		WO#:J2HNV1AC-LCS/J2HNV1AD-LCSD				LCS Lot-Sample#: F7G090000-077		
	0.400	0.415	mg/L	104		MCAWW 300.0A	07/07/07	7190077
	0.400	0.417	mg/L	104	0.63	MCAWW 300.0A	07/07/07	7190077
		Dilution Factor: 1						
Nitrate		WO#:J2PG21AC-LCS/J2PG21AD-LCSD				LCS Lot-Sample#: F7G120000-061		
	0.400	0.398	mg/L	99		MCAWW 300.0A	07/11/07	7193061
	0.400	0.387	mg/L	97	2.7	MCAWW 300.0A	07/11/07	7193061
		Dilution Factor: 1						
Nitrate		WO#:J20JF1AC-LCS/J20JF1AD-LCSD				LCS Lot-Sample#: F7G130000-334		
	0.400	0.391	mg/L	98		MCAWW 300.0A	07/12/07	7194334
	0.400	0.400	mg/L	100	2.2	MCAWW 300.0A	07/12/07	7194334
		Dilution Factor: 1						
Nitrite		WO#:J17RM1AC-LCS/J17RM1AD-LCSD				LCS Lot-Sample#: F7G020000-085		
	0.160	0.158	mg/L	99		MCAWW 300.0A	06/30/07	7183085
	0.160	0.171	mg/L	107	7.7	MCAWW 300.0A	06/30/07	7183085
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrite		WO#:J2HGF1AC-LCS/J2HGF1AD-LCSD				LCS Lot-Sample#: F7G090000-070		
	0.160	0.175	mg/L	109		MCAWW 300.0A	07/06/07	7190070
	0.160	0.155	mg/L	97	12	MCAWW 300.0A	07/06/07	7190070
		Dilution Factor: 1						
Nitrite		WO#:J2HNR1AC-LCS/J2HNR1AD-LCSD				LCS Lot-Sample#: F7G090000-076		
	0.160	0.165	mg/L	103		MCAWW 300.0A	07/07/07	7190076
	0.160	0.159	mg/L	100	3.4	MCAWW 300.0A	07/07/07	7190076
		Dilution Factor: 1						
Nitrite		WO#:J2PG11AC-LCS/J2PG11AD-LCSD				LCS Lot-Sample#: F7G120000-060		
	0.160	0.150	mg/L	94		MCAWW 300.0A	07/11/07	7193060
	0.160	0.166	mg/L	104	9.8	MCAWW 300.0A	07/11/07	7193060
		Dilution Factor: 1						
Nitrite		WO#:J20H91AC-LCS/J20H91AD-LCSD				LCS Lot-Sample#: F7G130000-333		
	0.160	0.153	mg/L	96		MCAWW 300.0A	07/12/07	7194333
	0.160	0.157	mg/L	98	2.4	MCAWW 300.0A	07/12/07	7194333
		Dilution Factor: 1						
Nitrogen, as Ammonia		WO#:J21F51AC-LCS/J21F51AD-LCSD				LCS Lot-Sample#: F7G170000-128		
	400	416	ug/L	104		MCAWW 350.1	07/17-07/20/07	7198128
	400	414	ug/L	103	0.56	MCAWW 350.1	07/17-07/20/07	7198128
		Dilution Factor: 1						
Phosphate as P, Ortho		WO#:J2HNX1AC-LCS/J2HNX1AD-LCSD				LCS Lot-Sample#: F7G090000-191		
	8.00	8.27	mg/L	103		MCAWW 300.0A	07/07/07	7190191
	8.00	8.35	mg/L	104	0.88	MCAWW 300.0A	07/07/07	7190191
		Dilution Factor: 1						
Sulfate		WO#:J17RL1AC-LCS/J17RL1AD-LCSD				LCS Lot-Sample#: F7G020000-084		
	8.00	7.77	mg/L	97		MCAWW 300.0A	06/30/07	7183084
	8.00	7.72	mg/L	97	0.66	MCAWW 300.0A	06/30/07	7183084
		Dilution Factor: 1						
Sulfate		WO#:J2HGE1AC-LCS/J2HGE1AD-LCSD				LCS Lot-Sample#: F7G090000-069		
	8.00	8.01	mg/L	100		MCAWW 300.0A	07/06/07	7190069
	8.00	8.04	mg/L	100	0.29	MCAWW 300.0A	07/06/07	7190069
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		WO#:J2HNQ1AC-LCS/J2HNQ1AD-LCSD				LCS Lot-Sample#: F7G090000-075		
	8.00	8.02	mg/L	100		MCAWW 300.0A	07/07/07	7190075
	8.00	8.00	mg/L	100	0.27	MCAWW 300.0A	07/07/07	7190075
		Dilution Factor: 1						
Sulfate		WO#:J2PG01AC-LCS/J2PG01AD-LCSD				LCS Lot-Sample#: F7G120000-059		
	8.00	7.70	mg/L	96		MCAWW 300.0A	07/11/07	7193059
	8.00	7.50	mg/L	94	2.6	MCAWW 300.0A	07/11/07	7193059
		Dilution Factor: 1						
Sulfate		WO#:J20H71AC-LCS/J20H71AD-LCSD				LCS Lot-Sample#: F7G130000-332		
	8.00	7.54	mg/L	94		MCAWW 300.0A	07/12/07	7194332
	8.00	7.59	mg/L	95	0.78	MCAWW 300.0A	07/12/07	7194332
		Dilution Factor: 1						
Total Alkalinity		WO#:J18T91AC-LCS/J18T91AD-LCSD				LCS Lot-Sample#: F7G030000-043		
	200	199	mg/L	100		MCAWW 310.1	07/03/07	7184043
	200	199	mg/L	100	0.0	MCAWW 310.1	07/03/07	7184043
		Dilution Factor: 1						
Total Alkalinity		WO#:J287F1AC-LCS/J287F1AD-LCSD				LCS Lot-Sample#: F7G200000-154		
	200	199	mg/L	100		MCAWW 310.1	07/20/07	7201154
	200	200	mg/L	100	0.50	MCAWW 310.1	07/20/07	7201154
		Dilution Factor: 1						
Total Organic Carbon		WO#:J2JV61AC-LCS/J2JV61AD-LCSD				LCS Lot-Sample#: F7G070000-060		
	6.00	6.06	mg/L	101		SW846 9060	07/09/07	7188060
	6.00	6.14	mg/L	102	1.4	SW846 9060	07/09/07	7188060
		Dilution Factor: 1						
Total Organic Carbon		WO#:J3HR01AC-LCS/J3HR01AD-LCSD				LCS Lot-Sample#: F7G240000-281		
	6.00	6.14	mg/L	102		SW846 9060	07/24/07	7205281
	6.00	6.13	mg/L	102	0.22	SW846 9060	07/24/07	7205281
		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 #...: SL701 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #: J3WDR1AC		LCS Lot-Sample#: F7G310000-096		
	100	113	ug/L	113	SW846 9020B	07/30/07	7212096
			Dilution Factor: 1				
TOX			Work Order #: J30F61AC		LCS Lot-Sample#: F7H010000-127		
	100	114	ug/L	114	SW846 9020B	07/31/07	7213127
			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 #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		J2GNJ1AK	MS Lot-Sample #:		F7G070109-001
	4.7	20.0	24.9 DC	mg/L	101	MCAWW 300.0A	07/07/07	7190073
			Dilution Factor: 10					
Fluoride			Work Order #...:		J2GNJ1AL	MS Lot-Sample #:		F7G070109-001
	ND	2.00	2.38 N	mg/L	119	MCAWW 300.0A	07/07/07	7190074
			Dilution Factor: 1					
Nitrate			Work Order #...:		J2GNJ1AP	MS Lot-Sample #:		F7G070109-001
	2.1	4.00	6.13 D	mg/L	102	MCAWW 300.0A	07/07/07	7190077
			Dilution Factor: 10					
Nitrite			Work Order #...:		J2GNJ1AN	MS Lot-Sample #:		F7G070109-001
	0.047	0.100	0.216 N	mg/L	169	MCAWW 300.0A	07/07/07	7190076
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		J2MGG1AE	MS Lot-Sample #:		F7G110184-001
	ND	500	559 N	ug/L	112	MCAWW 350.1	07/17/07	7198128
			Dilution Factor: 1					
Phosphate as P, Ortho			Work Order #...:		J2GNJ1AQ	MS Lot-Sample #:		F7G070109-001
	60.8	40.0	95.8 N,DC	mg/L	87	MCAWW 300.0A	07/07/07	7190191
			Dilution Factor: 10					
Sulfate			Work Order #...:		J2GNJ1AM	MS Lot-Sample #:		F7G070109-001
	8.0	4.00	12.9 N	mg/L	123	MCAWW 300.0A	07/07/07	7190075
			Dilution Factor: 1					
Total Alkalinity			Work Order #...:		J119G1D0	MS Lot-Sample #:		F7F280308-001
	97.0	100	194	mg/L	97	MCAWW 310.1	07/03/07	7184043
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J2FQ41DD	MS Lot-Sample #:		F7G060257-002
	ND	5.00	5.34	mg/L	107	SW846 9060	07/09/07	7188060
			Dilution Factor: 1					
TOX			Work Order #...:		J2FV41AD	MS Lot-Sample #:		F7G060257-019
	5.8	100	109 C	ug/L	103	SW846 9020B	07/30/07	7212096
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL701 **Matrix.....:** WATER
Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

NOTE(S):

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F300110 **Work Order #...:** J119G-SMP J119G-DUP **Matrix.....:** WATER

Date Sampled...: 06/27/07 **Date Received..:** 06/28/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	F7F280308-001	
	97.0	96.0	mg/L	1.0	(0-20)	MCAWW 310.1	07/03/07	7184043

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F300110 **Work Order #...:** J2FQ4-SMP J2FQ4-DUP **Matrix.....:** WATER

Date Sampled...: 07/05/07 **Date Received..:** 07/06/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F7G060257-002	
	ND	ND	mg/L	0	(0-20)	SW846 9060	07/09/07	7188060

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F300110 **Work Order #...:** J2GNJ-SMP J2GNJ-DUP **Matrix.....:** WATER

Date Sampled...: 07/06/07 **Date Received..:** 07/07/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7G070109-001	
	4.7 C,D	4.4 D, C	mg/L	6.8	(0-20)	MCAWW 300.0A	07/07/07	7190073
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7G070109-001	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	07/07/07	7190074
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7G070109-001	
	8.0 N	8.4 N	mg/L	5.5	(0-20)	MCAWW 300.0A	07/07/07	7190075
			Dilution Factor: 1					
Nitrite						SD Lot-Sample #:	F7G070109-001	
	0.047 N	0.049 N	mg/L	3.7	(0-20)	MCAWW 300.0A	07/07/07	7190076
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7G070109-001	
	2.1 D	2.0 D	mg/L	1.9	(0-20)	MCAWW 300.0A	07/07/07	7190077
			Dilution Factor: 10					
Phosphate as P, Ortho						SD Lot-Sample #:	F7G070109-001	
	60.8 C,DN	57.8 DCN	mg/L	5.2	(0-20)	MCAWW 300.0A	07/07/07	7190191
			Dilution Factor: 10					

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

DCN Result from dilution; analyted detected in blank; spike recovery outside limits.

DN Result obtained from dilution; spike sample recovery outside control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F300110 **Work Order #...:** J2MGG-SMP J2MGG-DUP **Matrix.....:** WATER

Date Sampled...: 07/10/07 **Date Received..:** 07/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F7G110184-001	
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	07/17/07	7198128

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F300110 **Work Order #...:** J2FV4-SMP J2FV4-DUP **Matrix.....:** WATER

Date Sampled...: 07/03/07 **Date Received..:** 07/06/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F7G060257-019	
	5.8 C	5.2 C	ug/L	11	(0-20)	SW846 9020B	07/30/07	7212096

Dilution Factor: 1

NOTE(S):

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

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

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