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ANALYTICAL REPORT

W07-006

Lot #: F7F210221
SDG #: SL698

Steve Trent

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

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TESTAMERICA LABORATORIES, INC. (FKA STL)

James M. Klyce
for
Mike Franks
Project Manager

July 30, 2007

Leaders in Environmental Testing

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CASE NARRATIVE

Fluor Hanford Inc.
P.O. Box 1000
Richland, Washington 99352
July 30, 2007
Attention: Steve Trent

SDG	:	SL698
Number of Samples	:	70
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	July 5, 2007

II. Introduction

Between June 21, 2007 and June 23, 2007, seventy (70) 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

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July 30, 2007
SDG: SL698

V. Comments

General

The following SAFs are associated with this SDG: W07-006, S07-006, S07-003, I07-048, G07-006.

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.

Volatiles

The MS/MSD RPDs for two compounds are not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.

The MSD surrogate recovery for Dibromofluoromethane is outside the QC limit. The associated spiked compound recoveries are within the QC limits.

The MSD was injected out of BFB clock due to a computer error. The sample was "desorb ready" and was analyzed when the instrument restarted the next day.

Batch:
7177296
Affected Samples:

F7F210223 (3): B1NKT0	F7F210223 (11): B1NKY4
F7F210223 (7): B1NKW4	F7F210223 (13): B1NL10
F7F210223 (9): B1NKX2	F7F210223 (15): B1NL14

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

Batch:
7180312
Affected Samples:

F7F210235 (1): B1MM65	F7F220157 (12): B1NL45
F7F220157 (2): B1NKX6	F7F220157 (14): B1NL37
F7F220157 (4): B1NL17	F7F220157 (16): B1NL41
F7F220157 (6): B1NL06	F7F220173 (2): B1NT06
F7F220157 (8): B1NKM8	F7F220175 (1): B1MM66
F7F220157 (10): B1NL49	F7F230133 (1): B1MM67

Headspace was noted upon receipt in one vial for each of the two referenced samples. Additional vials were received without headspace. The analyses were performed on the vials without headspace. Please refer to included IRF 07-062.

Batch:
7180312

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Affected Samples:
F7F220173 (2): B1NT06 F7F220157 (12): B1NL45

Extractable Petroleum Hydrocarbons

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:
F7F230132 (1): B1NJC7 F7F250128 (15): B1NJ78

Volatile Petroleum Hydrocarbons

The Method Blank and associated sample's surrogate recovery is outside the lower QC limit. The sample was reanalyzed inside holding time with similar results. This anomaly is due to an artificially low bias of the surrogate in clean matrices due to calibration technique. Only the results of the original analysis are reported.
Affected Samples:
F7F230132 (1): B1NJC7

ICP Metals

Batch: 7176284 Water
The associated samples were analyzed at a dilution due to the high concentrations of the interfering analytes Calcium and Sodium. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7F220157 (3): B1NL16 F7F220157 (13): B1NL36
F7F220157 (5): B1NL05 F7F220157 (15): B1NL40
F7F220157 (7): B1NKM7 F7F250128 (10): B1NJ58
F7F220157 (9): B1NL48 F7F250128 (12): B1NJ63

Batch: 7172301
The associated samples were analyzed at a dilution due to the high concentrations of the interfering analyte Calcium. The reporting limit has been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7F210221 (1): B1NN47 F7F210223 (2): B1NKR9

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 7173047 and Nitrite in batch 7173049 is attributed to matrix interference.

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SDG: SL698

Affected Samples:

F7F210223 (3): B1NKT0
F7F210223 (5): B1NKW8
F7F210223 (7): B1NKW4
F7F210223 (9): B1NKX2
F7F210223 (11): B1NKY4
F7F210223 (13): B1NL10
F7F210223 (15): B1NL14

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 Nitrite in batch 7176220 is attributed to matrix interference.

Affected Samples:

F7F220157 (2): B1NKX6
F7F220157 (4): B1NL17
F7F220157 (6): B1NL06
F7F220157 (8): B1NKM8
F7F220157 (10): B1NL49
F7F220157 (12): B1NL45
F7F220157 (14): B1NL37
F7F220157 (16): B1NL41
F7F220173 (2): B1NT06

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 Nitrite in batch 7176314 and Orthophosphate in batch 7176433 is attributed to matrix interference.

Affected Samples:

F7F250128 (2): B1NJ27
F7F250128 (4): B1NJ31
F7F250128 (6): B1NJ36
F7F250128 (7): B1NJ42
F7F250128 (9): B1NJ54
F7F250128 (11): B1NJ59
F7F250128 (13): B1NJ64
F7F250128 (15): B1NJ78
F7F250128 (17): B1NJ83

The associated sample for Nitrate in batch 7186057 was originally analyzed within holding, but it needed further dilution. The dilution was performed outside of holding time. Please refer to included IRF 07-073.

Affected Samples:

F7F250128 (13): B1NJ64

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

Alkalinity
ICP-MS Metals
Total Organic Carbon
Total Organic Halogens

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Fluor Hanford Inc.
July 30, 2007
SDG: SL698

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:

Jan M. Klemis
for
Mike Franks
St. Louis Project Manager

STL – St Louis ISSUE RESOLUTION FORM
FOR CONTRACT 615 WITH BHI/WMH/PNNL

FLUOR HANFORD TRACKING NUMBER: 07-062

Date: July 5 2007 SAF Nos. W07-006, S07-006

SDG: **SL698** LOGIN No.: **F7F220173-002,F7F220157-12** TEST: 8260 VOCs

Sample No.(s) B1NT06, B1NL45

Submitted By: Brian O'Donnell Submitted To: Heidi Hampt

Phone No. 314-298-8566 x206 Phone No. 509-376-4319

Fax No. 314-298-8757 Fax No. 866-252-5816

ISSUE	PROPOSED RESOLUTION
Headspace was noted upon receipt in one vial for each of the two referenced samples. Additional volume was received with the samples without headspace.	1)Perform the VOA analyses from sample containers provided without headspace.

BHI/WMH/PNNL COMMENTS
Accept proposed resolution.

Heidi Hampt for Steve Trent 7/10/07
Signature and Date

XC: Ron Butler

STL – St Louis ISSUE RESOLUTION FORM
FOR CONTRACT 615 WITH BHI/WMH/PNNL

FLUOR HANFORD TRACKING NUMBER: 07-073

Date: July 26, 2007 SAF Nos. **G06-006**

SDG: **SL698** LOGIN No.: **F7F250128-013** TEST: **Nitrate**

Sample No.(s) **B1NJ64**

Submitted By: Brian O'Donnell Submitted To: Heidi Hampt

Phone No. 314-298-8566 x206 Phone No. 509-376-4319

Fax No. 314-298-8757 Fax No. 866-252-5816

ISSUE	PROPOSED RESOLUTION
The listed sample for Nitrate was originally analyzed within holding time, but it needed further dilution. The dilution was performed outside of holding time.	Report results and note holding time excursion in case narrative.

BHI/WMH/PNNL COMMENTS
Accept proposed resolution.

Heidi Hampt 7/26/07
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL698

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
Phosphate as P, Ortho	MCAWW 300.0A	MCAWW 300.0A
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

SL698 : F7F210221

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1GW9	001	B1NN47	06/20/07	11:36
J1GXJ	002	B1NN91	06/20/07	12:02
J1GXM	003	B1NN92	06/20/07	12:02
J1GXP	004	B1NN93	06/20/07	12:02
J1GXR	005	B1NN94	06/20/07	12:02
J1GX3	006	B1NNB2	06/20/07	10:13
J1GX6	007	B1NNB3	06/20/07	10:13
J1GX9	008	B1NNB4	06/20/07	10:13
J1G0A	009	B1NNB5	06/20/07	10:13
J1G0K	010	B1NNC0	06/20/07	09:29

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F210223

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1G1R	001	B1NKJ6	06/20/07	12:56
J1G11	002	B1NKR9	06/20/07	13:50
J1G12	003	B1NKT0	06/20/07	13:50
J1G2E	004	B1NKW7	06/20/07	10:45
J1G2G	005	B1NKW8	06/20/07	10:45
J1G2N	006	B1NKW3	06/20/07	12:23
J1G2Q	007	B1NKW4	06/20/07	12:23
J1G21	008	B1NKX1	06/20/07	09:53
J1G25	009	B1NKX2	06/20/07	09:53
J1G3D	010	B1NKY3	06/20/07	11:53
J1G3F	011	B1NKY4	06/20/07	11:53
J1G3L	012	B1NL09	06/20/07	10:22
J1G3P	013	B1NL10	06/20/07	10:22
J1G31	014	B1NL13	06/20/07	08:10
J1G33	015	B1NL14	06/20/07	08:10

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F210235

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1G37	001	B1MM65	06/20/07	09:53

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F220157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1KHF	001	B1NKX5	06/21/07	11:01
J1KHG	002	B1NKX6	06/21/07	11:01
J1KHX	003	B1NL16	06/21/07	11:47
J1KH0	004	B1NL17	06/21/07	11:47
J1KH9	005	B1NL05	06/21/07	13:09
J1KJD	006	B1NL06	06/21/07	13:09
J1KJH	007	B1NKM7	06/21/07	09:43
J1KJL	008	B1NKM8	06/21/07	09:43
J1KJR	009	B1NL48	06/21/07	13:07
J1KJV	010	B1NL49	06/21/07	13:07
J1KJX	011	B1NL44	06/21/07	12:12
J1KJ4	012	B1NL45	06/21/07	12:12
J1KJ6	013	B1NL36	06/21/07	09:43
J1KJ8	014	B1NL37	06/21/07	09:43
J1KKA	015	B1NL40	06/21/07	10:58
J1KKC	016	B1NL41	06/21/07	10:58

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F220173

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1KNL	001	B1NT05	06/21/07	12:27
J1KNM	002	B1NT06	06/21/07	12:27

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F220175

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1KPJ	001	B1MM66	06/21/07	09:43

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F230129

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1NFX	001	B1NKD1	06/22/07	08:59
J1NF0	002	B1NKD5	06/22/07	07:10

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F230131

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1NF7	001	B1NLR3	06/22/07	12:46
J1NF8	002	B1NLR4	06/22/07	12:46
J1NF9	003	B1NLR5	06/22/07	12:46
J1NGA	004	B1NLR6	06/22/07	12:46

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F230132

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1NGD	001	B1NJC7	06/22/07	13:17

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F230133

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1NGF	001	B1MM67	06/22/07	13:17

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(Continued on next page)

SAMPLE SUMMARY

SL698 : F7F250128

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1P1G	001	B1NJ26	06/22/07	09:06
J1P1J	002	B1NJ27	06/22/07	09:06
J1P2M	003	B1NJ30	06/22/07	08:00
J1P2P	004	B1NJ31	06/22/07	08:00
J1P2Q	005	B1NJ35	06/22/07	11:30
J1P2T	006	B1NJ36	06/22/07	11:30
J1P20	007	B1NJ42	06/22/07	13:17
J1P22	008	B1NJ53	06/22/07	12:00
J1P24	009	B1NJ54	06/22/07	12:00
J1P25	010	B1NJ58	06/22/07	10:30
J1P26	011	B1NJ59	06/22/07	10:30
J1P27	012	B1NJ63	06/22/07	11:20
J1P28	013	B1NJ64	06/22/07	11:20
J1P29	014	B1NJ77	06/22/07	12:09
J1P3C	015	B1NJ78	06/22/07	12:09
J1P3L	016	B1NJ82	06/22/07	08:55
J1P3N	017	B1NJ83	06/22/07	08:55

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SDG# 51698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-006-392

Collector: Fluor Hanford F. M. HALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-006	Sampling Origin: Hanford Site	Purchase Order/Charge Code: K7
Project Title: RCRA, JUNE 2007	HMF-N-506-7	Ice Chest No.: ~~5602~~ SMB-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996-6190-5867
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
B1NN47 (F)		W	6/20/7	1136	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NN48		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Received By
Fluor Hanford F. M. HALL (Print) (Sign) JUN 20 2007 1430	FED EX (Print) (Sign) JUN 20 2007 1430
FedX 06.21.07 0900	B-Ai 6/21/07 0900

Matrix *

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

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

SDG# 51698

STL ST. LOUIS

SDG# 51698

STL ST. LOUIS

FLUOR HANFORD
51698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-006-444

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	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-506 9	Ice Chest No.: SWS-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 79966190 5867
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
B1NN91		W	6-20-07	1202	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NN91		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NN92		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NN92		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NN93		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NN93		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NN94		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NN94		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NN97		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 20 2007 1400	FED Ex		06.20.07	1400
Fed Ex		06.21.07	0900	B. [illegible]			6/21/07 0900

Matrix *

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

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

22 OF 263

SDG# SIG50

STL ST. LOUIS

FLUOR HANFORD
SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-006-450

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	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-506 9	Ice Chest No.: SWS-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6190 5867
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
B1NNB2		W	6/20/07	1013	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NNB2		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NNB3		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NNB3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NNB4		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NNB4		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NNB5		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NNB5		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NNB7		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 20 2007	FED EX		06.20.07	1400
Fed Ex			06.21.07 0900				6/21/07 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

23 OF 263

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD
SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-006-456

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	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-506 9	Ice Chest No.: SWS-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6190 5867
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
B1NNC0		W	6-20-07	0929	1x20-mL P	Activity Scan	None
B1NNC0		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool 4C
B1NNC0		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
Fluor Hanford R. T. SICKLE			1400 JUN 20 2007	FED EX		06-14-07	1400
Fed X		06.21.07	0980			06-26-07	6/21/07 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

24 OF 263

Track Shipments
Detailed Results

Quick Help

Tracking number	799661905867	**Reference**	SWS-1
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jun 20, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 21, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	73.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 21, 2007	8:52 AM	**Delivered**	Earth City, MO	
	6:54 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:46 AM	At local FedEx facility	EARTH CITY, MO	
	5:23 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 20, 2007	5:16 PM	Left origin	PASCO, WA	
	4:10 PM	Picked up	PASCO, WA	
	4:07 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): FTF210221
- 1832 - 223
235

Condition Upon Receipt Form

Client: Hanford
Quote No: 75638, 75634, 74337
COC/RFA No: See below
Initiated By: BA
Date: 6/21/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7982 0193 8903
2. 7996 6190 5867
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. S07-006-152, 194, 200, 188, 218, 242, 243, ~~3~~ 60 S07-003-375
2. S07-006-21, W07-006-392, 444, 450, 456

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 06.26.07

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# S1C08

STL ST. LOUIS

FLUOR HANFORD
54698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-21

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.: SWS-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996-6190-5867
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
B1NKJ6 (F)		W	6/20/7	1236	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NKJ7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford F. M. HALL	JUN 20 2007 1430	FED EX	JUN 20 2007 1430
Fed X	06.21.07 0900	B-N	6/21/07 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

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD
SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-152

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.: Slick-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 1982 0193 8903
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
B1NKR9 (F)		W	6/20/07	1350	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKT0		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKT0		W			1x20-mL P	Activity Scan	None
B1NKT0		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKT0		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

L. Wall 6/20/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON		D.R. Brewington	JUN 20 2007 1430	FEDEX		06.20.07	1430
Relinquished By: FedX		06.21.07	0900	Received By: B-Dil		6/21/07	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

SDC#

STL ST. LOUIS

FLUOR HANFORD SLW8

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-006-194**

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.** SLICK-1 **Temp.** 8 & 03
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982-0793-08
Protocol SURV	**Priority:** 45 Days	**Offsite Property No.** DAS 6-20-07

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
B1NKW7 (F)		W	6/20/07	1045	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKW8		W	↓	↓	1x20-mL P	Activity Scan	None
B1NKW8		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKW8		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wall 6/20/07

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
~~Fluor Hanford~~ D. R. BREWINGTON	DR Brewington	JUN 2 0 2007 1430	FEDEX	JV ~~06-14~~	06.20.07 1430
Relinquished By		Date/Time	Received By		Date/Time
FedX		06.21.07 0900			6/21/07 0900
Relinquished By		Date/Time	Received By		Date/Time
Relinquished By		Date/Time	Received By		Date/Time

06.26.07

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

29 OF 263

58105

FLUOR HANFORD

9L698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-188

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.** Slick-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 0793 8903
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
B1NKW3 (F)		W	6/20/07	1223	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKW4		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKW4		W			1x20-mL P	Activity Scan	None
B1NKW4		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKW4		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wells 6/20/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 20 2007 1430	FEDEX	06.20.07		1430
Relinquished By			Date/Time	Received By			Date/Time
Fed X	06.24.07		0900			6/21/07	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

SDG# S1G98

STL ST. LOUIS

00025263

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-200

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.: Slick-1 Temp. 8903
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7582 0793 ~~0890~~
Protocol: SURV	Priority: 45 Days	Offsite Property No. DRW 6-20-07

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
B1NKX1 (F)		W	6/20/07	0953	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKX2		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKX2		W			1x20-mL P	Activity Scan	None
B1NKX2		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKX2		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

D. R. Wade 6/20/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON		D.R. Brewington	JUN 2 0 2007 1430	FEDEX		06.20.07	1430
Relinquished By			Date/Time	Received By			Date/Time
Fedex			06.21.07 0900	[illegible]			6/21/07 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

0105263

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD
SL698
Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-218

Page 1 of 1

Collector: K. B. HULSE	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 8	Ice Chest No.: Slick-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7982 0793 8903
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
B1NKY3 (F)		W	6/20/07	1153	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKY4		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKY4		W			1x20-mL P	Activity Scan	None
B1NKY4		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKY4		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 K. B. HULSE		KBHulse	JUN 20 2007 1430	FED EX			06.20.07 1430
FedX			06.21.07 0900	B-Q-T			6/21/07 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

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-006-242**

Page 1 of 1

Collector Fluor Hanford K. B. HULSE	**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-506-8	**Ice Chest No.** Slick-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 0293 8903
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
B1NL09 (F)		W	6/20/07	1022	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL10		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL10		W			1x20-mL P	Activity Scan	None
B1NL10		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL10		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 K. B. HULSE		JB Hulse	JUN 20 2007 1430	FED EX			06.20.07 1430
Relinquished By			Date/Time	Received By			Date/Time
FedX			06.21.07 0950	B-Pil			6/21/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG# 51208

STL ST. LOUIS

FLUOR HANFORD SL697

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-006-243**

Page 1 of 1

Collector Fluor Hanford K. B. HULSE	**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-506-8	**Ice Chest No.** SLICK-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7982 0793 8903
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
B1NL13 (F)		W	6/20/07	08:10	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL14		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL14		W			1x20-mL P	Activity Scan	None
B1NL14		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL14		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford K. B. HULSE	K B Hulse	JUN 20 2007 1430	FED EX			06.20.07 1430
Fed X 06.21.07 0900			B-Line			6/21/07 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

34 OCT 2 63

Track Shipments
Detailed Results

Quick Help

Tracking number	799661905867	**Reference**	SWS-1
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jun 20, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 21, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	73.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 21, 2007	8:52 AM	**Delivered**	Earth City, MO	
	6:54 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:46 AM	At local FedEx facility	EARTH CITY, MO	
	5:23 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 20, 2007	5:16 PM	Left origin	PASCO, WA	
	4:10 PM	Picked up	PASCO, WA	
	4:07 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	798201938903	**Reference**	SLICK 1
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jun 20, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 21, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	68.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 21, 2007	8:52 AM	**Delivered**	Earth City, MO	
	8:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:47 AM	At local FedEx facility	EARTH CITY, MO	
	5:23 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 20, 2007	5:16 PM	Left origin	PASCO, WA	
	4:18 PM	Package data transmitted to FedEx		
	4:10 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:

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

Submit

STL

- 1832 -

Lot #(s): FTF210221, 223, 235

Condition Upon Receipt Form

Client: Hanford
Quote No: 75430, 75434, 74337
COC/RFA No: See below
Initiated By: BA
Date: 4/21/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7982 0193 8903
2. 7996 4190 5867
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. S07-006-152, 194, 200, 188, 218, 242, 243, ~~3~~ 4 S07-003-375
2. S07-006-21, W07-006-392, 444, 450, 456

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: 06.26.07

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# STL 58

STL ST. LOUIS

PNNL 35698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-003-375

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: S07-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. MARCH 2007	Logbook: HNF-N-506-6	Ice Chest No.: Slick-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7982 0193 8203
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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1MM65		W	6/20/07	0953	1x20-mL P	Activity Scan	None
B1MM65		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

R. Wall 6/20/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D. R. Brewington	JUN 20 2007	1430	FEDEX			06.20.07 1430
Fed X			06.21.07 0900	B-			6/21/07 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

SDG OF 263

Track Shipments
Detailed Results

Quick Help

Tracking number	798201938903	**Reference**	SLICK 1
Signed for by	J.CLARK	**Destination**	Earth City, MO
Ship date	Jun 20, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 21, 2007 8:52 AM	**Service type**	Priority Overnight
		Weight	68.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 21, 2007	8:52 AM	**Delivered**	Earth City, MO	
	6:52 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:47 AM	At local FedEx facility	EARTH CITY, MO	
	5:23 AM	At dest sort facility	BERKELEY, MO	
	4:06 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 20, 2007	5:16 PM	Left origin	PASCO, WA	
	4:18 PM	Package data transmitted to FedEx		
	4:10 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): FTF210221
- 1832 - 223
235

Condition Upon Receipt Form

Client: Hanford
Quote No: 75630, 75634, 74337
COC/RFA No: See below
Initiated By: BA
Date: 6/21/07
Time: 0900

Shipping Information

Shipper Name: FE
Multiple Packages Y N

Shipping # (s):*

1. 7982 0193 8903
2. 7996 6190 5867
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

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. S07-006-152, 194, 200, 188, 218, 242, 243, ~~3~~ 60 S07-003-375
2. S07-006-21, W07-006-392, 444, 450, 456

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: 06.26.07

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 # SL698

STL ST. LOUIS

FLUOR HANFORD 5L698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

CWR 1755

C.O.C. # S07-006-206

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.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6270 9418
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
B1NKX5 (F)		W	6/21/07	1101	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKX6		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKX6		W			1x20-mL P	Activity Scan	None
B1NKX6		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKX6		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wells 6/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 21 2007 1430	FEDEX			06.21.07 1430
Fed X			06.22.07 0900	Angela Burnson			6-22-07 9:00

Matrix *

S = Soil		DS = Drum Solid	
SR = 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

9 6 3 0 2 0 1

SDG# SL698

FLUOR HANFORD
SL698
Fluor Hanford
D. R. BREWINGTON

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-248

Page 1 of 1

Collector	**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.** ERC-02-803 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7996 6270 9418
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
B1NL16 (F)		W	6/21/07	1147	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL17		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL17		W			1x20-mL P	Activity Scan	None
B1NL17		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL17		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wells 06/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 21 2007 1430	FEDEX			06.21.07 1430
Fed X			06.22.07 0900	Angela Burnoon			6-22-07 9:00

Matrix *

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

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

STL ST. LOUIS

02263

FLUOR HANFORD 5L698

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-236

Page 1 of 1

Collector: 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.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6270 9418
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
B1NL05 (F)		W	6/21/07	1309	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL06		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL06		W			1x20-mL P	Activity Scan	None
B1NL06		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL06		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

DR Wall 6/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington	JUN 21 2007	1430	FEDEX		06.21.07	1430
Relinquished By: FedEx			06.22.07 0900	Received By: Angela Burnson			6-22-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG # SL698

STL ST. LOUIS

03 08 93

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-006-104**

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.** ERC-02-803 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7996 6270 9418
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
B1NKM7 (F)		W	6/21/07	0943	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NKM8		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NKM8		W			1x20-mL P	Activity Scan	None
B1NKM8		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NKM8		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wall 6/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~Fluor Hanford~~ D. R. BREWINGTON			JUN 21 2007 1430	FEDEX			06.21.07 1430
Relinquished By			Date/Time	Received By			Date/Time
FedEx			06.22.07 0900	Angela Benson			6-22-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-302

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.: GRP 07-012 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6267 9080
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
B1NL48 (F)		W	6-21-07	1307	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL49		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL49		W			1x20-mL P	Activity Scan	None
B1NL49		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL49		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 F. M. HALL			JUN 21 2007	FED EX		06.21.07	1400
Relinquished By: FedEx			06.22.07 09 00	Received By: Angela Dunson			6-22-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

SDG# 5063

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD 5L698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-006-290**

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.** GRP 03-012 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7996 6267 8080
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
B1NL44 (F)		W	6-21-07	1212	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL45		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL45		W			1x20-mL P	Activity Scan	None
B1NL45		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL45		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 F. M. HALL			JUN 21 2007 1400	FED EX			06.21.07 1400
Fed X			06.22.07 0900	Angela Burnson			6-22-07 9:00

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

9 0 2 6 3

SDG# SL698

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-278

STL ST. LOUIS

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.: GRP 03-012 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6267 8080
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
B1NL36 (F)		W	6-21-07	0943	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL37		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL37		W			1x20-mL P	Activity Scan	None
B1NL37		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL37		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 F. M. HALL		JUN 21 2007	1400	FED EX		06.21.07	1400
FedEx		06.22.07	0900	Angela Bunson			6-22-07 9:00

Matrix *

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

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

0263

FLUOR HANFORD

SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-284

48 of 263

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.: GRP 03-012 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6267 9080
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
B1NL40 (F)		W	6-21-07	1058	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NL41		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NL41		W			1x20-mL P	Activity Scan	None
B1NL41		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NL41		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 F. M. HALL	JUN 21 2007 1400	FED EX	06.21.07 1400
Fed X	06.22.07 0900	Angela Buson	6-22-07 9:00

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# SL698

Track Shipments
Detailed Results

Quick Help

Tracking number	799662678080	**Reference**	grp03-012
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jun 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 22, 2007 9:06 AM	**Service type**	Priority Overnight
		Weight	65.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 22, 2007	9:06 AM	**Delivered**	Earth City, MO	
	7:04 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:59 AM	At local FedEx facility	EARTH CITY, MO	
	6:18 AM	At dest sort facility	BERKELEY, MO	
	3:49 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 21, 2007	5:31 PM	Left origin	PASCO, WA	
	4:09 PM	Picked up	PASCO, WA	
	3:41 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	799662709418	**Reference**	erc-02-803
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jun 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 22, 2007 9:06 AM	**Service type**	Priority Overnight
		Weight	69.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 22, 2007	9:06 AM	**Delivered**	Earth City, MO	
	6:54 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:49 AM	At local FedEx facility	EARTH CITY, MO	
	6:18 AM	At dest sort facility	BERKELEY, MO	
	3:49 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 21, 2007	5:31 PM	Left origin	PASCO, WA	
	4:09 PM	Picked up	PASCO, WA	
	3:58 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): F7F220157
- 1755 - 173
173

Condition Upon Receipt Form

Client: Flour Hanford COC/RFA No: See Below Date: 6-22-07
Quote No: 75634, 75638, 74337 Initiated By: AB Time: 9:00

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*
1. 7996 6270 9418
2. 7996 6270 8080
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 8
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: COC# - W07-0016
S07-0016 - 236, 248, 206, 104, 302, 290, 278
S07-003
JW
07-26-07

Headspace - BIN T016 (1XV.a0)
BIN L45 (1XV.a0)

Corrective Action:
☑ Client Contact Name: Heide Hampt Informed by: Brian Blanell IRF-email
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 06.26.07

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# SL698

STL ST. LOUIS

FLUOR HANFORD 54698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

CUR 1755

C.O.C. # W07-006-482

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	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	Logbook: HNF-N-506-6	Ice Chest No.: ERC-02-803 Temp.: 9418
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7996 6270 9418
Protocol: RCRA	Priority: 45 Days	Offsite Property No.: RW 6/21/07

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NT05 (F)		W	6/21/07	1227	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NT06		W	↓	↓	1x20-mL P	Activity Scan	None
B1NT06		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C
B1NT06		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NT06		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

R. Wall 6/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 21 2007 1430	FEDEX			06.21.07 1430
Relinquished By			Date/Time	Received By			Date/Time
FedX			06.22.07 0900	Angela Burson			6-22-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

2 of 2 63

Track Shipments
Detailed Results

Quick Help

Tracking number	799662709418	**Reference**	erc-02-803
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jun 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 22, 2007 9:06 AM	**Service type**	Priority Overnight
		Weight	69.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 22, 2007	9:06 AM	**Delivered**	Earth City, MO	
	6:54 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:49 AM	At local FedEx facility	EARTH CITY, MO	
	6:18 AM	At dest sort facility	BERKELEY, MO	
	3:49 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 21, 2007	5:31 PM	Left origin	PASCO, WA	
	4:09 PM	Picked up	PASCO, WA	
	3:58 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): F7F220157
- 1755 - 173
173

Condition Upon Receipt Form

Client: Flour Hanford COC/RFA No: See Below Date: 6-22-07
Quote No: 75634, 75638, 74337 Initiated By: AB Time: 9:00

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7996 6270 9418
2. 7996 6270 8080
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

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: COC# - W07-006 - 482 JR 06-26-07
S07-0016
S07-003

Headspace - BIN T016 (1xV.a0)
BIN L45 (1xV.a0)

Corrective Action:
☒ Client Contact Name: Heidi Hungst Informed by: Brian O'Donnell RFEMAIL
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 06.26.07

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.

SDS# SL698

STL ST. LOUIS

PNNL SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

CUR1755

C.O.C. # S07-003-376

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: S07-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, MARCH 2007	logbook: 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.: 7996 6270 9418
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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1MM66		W	6/21/07	0943	1x20-mL P	Activity Scan	None
B1MM66		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

L. Wade 6/21/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 21 2007 1430	FEDEX			06.21.07 1430
Relinquished By: FedX			06.22.07 0900	Received By: Angela Burson			6-22-07 9:00
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

DOE 0563

Track Shipments
Detailed Results

Quick Help

Tracking number	799662709418	**Reference**	erc-02-803
Signed for by	S.WILSON	**Destination**	Earth City, MO
Ship date	Jun 21, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 22, 2007 9:06 AM	**Service type**	Priority Overnight
		Weight	69.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 22, 2007	9:06 AM	**Delivered**	Earth City, MO	
	6:54 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:49 AM	At local FedEx facility	EARTH CITY, MO	
	6:18 AM	At dest sort facility	BERKELEY, MO	
	3:49 AM	Departed FedEx location	MEMPHIS, TN	
	12:51 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 21, 2007	5:31 PM	Left origin	PASCO, WA	
	4:09 PM	Picked up	PASCO, WA	
	3:58 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): F7F220157
- 1755 - 173
173

Condition Upon Receipt Form

Client: Flour Hanford COC/RFA No: See Below Date: 6-22-07
Quote No: 75634, 75638, 71537 Initiated By: AB Time: 9:00

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7996 6270 9418
2. 7996 6270 8080
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 8
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: COC# - W07-0006
S07-0006
S07-003-376
JW
07-25-07
JW

Headspace - BIN T06 (1x V.a0)
BIN L45 (1x V.a0)

Corrective Action:

☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 06.26.07

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# SL698

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-50

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 9	Ice Chest No.: GRP 03 -006 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925049918258
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
B1NKD1 (F)		W	6-22-07	0859	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NKD2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By: Fluor Hanford R. T. SICKLE Print Sign	Date/Time: JUN 22 2007	Received By Print Sign	Date/Time
Relinquished By: FEDEX	Date/Time	Received By: B-A-1	Date/Time: 6/23/07 0830
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# SL698 0263

CWL 1761

FLUOR HANFORD

SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-51

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 9	Ice Chest No.: GRP 03-006 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925099918258
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
B1NKD5 (F)		W	6-22-07	0710	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NKD6		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 22 2007 1400	FED EX			
FEDEX				B-N			6/23/07 0830

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# SL698

STL ST. LOUIS

0063

Track Shipments
Detailed Results

Quick Help

Tracking number	792509918258	**Reference**	grp03-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	66.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:14 PM	Picked up	PASCO, WA	
	3:43 PM	Package data transmitted to FedEx		

Signature proof | E-mail this | 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): F7F230129- F7F250129
- 1761 - 131-
132-
133-

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 6/23/07
Quote No: 75634, 75638, 75711, 74337, 75710 Initiated By: DD Time: 0830

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*

1. 7913 2870 0129	6.	1. 3	6.
2. 7925 0991 8258	7.	2. 3	7.
3.	8.	3.	8.
4.	9.	4.	9.
5.	10.	5.	10.

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1.	Y (N)	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 DD 6/23	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. I07-048-3, S07-003-377, G07-006-28, 34, 60, 100
2. G07-006-20, 21, 48, 74, 92, W07-006-176, S07-~~006~~ 006-51, 56
DD 6/23

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 6-27-07

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 revH.doc

SDF# STL 08 5698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-006-176**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**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-506 9	**Ice Chest No.** GRP 03-006 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925099918258
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
B1NLR3		W	6-22-07	1246	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NLR4		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NLR5		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NLR6		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NLT4		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 22 2007 1400	FED Ex	
FEDEX		B-N	6/23/07 0830

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

2 of 63

Track Shipments
Detailed Results

Quick Help

Tracking number	792509918258	**Reference**	grp03-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	66.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:14 PM	Picked up	PASCO, WA	
	3:43 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): F7F230129- 131- 132- 133- F7F250128

- 1761 -

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 6/23/07

Quote No: 75634, 75638, 75711, 74337, 75710 Initiated By: DD Time: 0830

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*

1. 7913 2870 0129
2. 7925 0941 8258
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 DD 6/23	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. F07-048-3, S07-003-377, G07-006-28, 36, 60, 100
2. G07-006-20, 21, 68, 74, 92, W07-006-174, S07-~~005~~ 006-51, 56
DD 6/23

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: 6-27-07

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.

SDF# SL698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-048-3**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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-506-6 p260	**Ice Chest No.** FRC-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913 2870 0129
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
B1NJC7		W	6-22-07	1317	1x20-mL P	Activity Scan	None
B1NJC7		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool 4C
B1NJC7		W			4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		JUN 22 2007 1400	FED EX			
Relinquished By	FEDEX		Date/Time	Received By	B-2-1		Date/Time 6/23/07 0830
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

0502663

Track Shipments
Detailed Results

Quick Help

Tracking number	791328700129	**Reference**	erc-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	53.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:12 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

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

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STL ST. LOUIS

STL

Lot #(s): F7F230129- F7F250128
- 1761 - 131-
132-
133-

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 6/23/07
Quote No: 75634, 75638, 75711, 74357, 75710 Initiated By: DD Time: 0830

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*
1. 7913 2870 0129
2. 7925 0991 8258
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 DD 6/23	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. F07-046-3, S07-003-377, G07-006-28, 36, 60, 100
2. G07-006-20, 21, 48, 74, 92, W07-006-174, S07-~~005~~ 006-51, 56
DD 6/23

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 6-27-07

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# SL698

PNNL SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-003-377

Page 1 of 1

STL ST. LOUIS

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: S07-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, MARCH 2007	HNF-N-506 6 pg 60	Ice Chest No.: ERL-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 2870 0129
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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1MM67		W	6-22-07	1317	1x20-mL P	Activity Scan	None
B1MM67		W	6-22-07	1317	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D. R. Brewington		JUN 22 2007 1400	FedEx			
Relinquished By: FEDEX			Date/Time	Received By: B-L			Date/Time: 6/23/07 0830
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

0026263

Track Shipments
Detailed Results

Quick Help

Tracking number	791328700129	**Reference**	erc-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	53.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:12 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): F7F230129- F7F250128
- 1761 - 131-
132-
133-

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 6/23/07
Quote No: 75634, 75638, 75711, 74357, 75710 Initiated By: DD Time: 0830

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*
1. 7913 2870 0129
2. 7925 0991 8258
3.
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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 DD 6/23	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. F07-048-3, S07-003-377, G07-006-28, 34, 60, 100
2. G07-006-20, 21, 48, 74, 92, W07-006-174, S07-~~006~~ 006-51, 56
DD 6/23

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: 6-27-07

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# SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-20**

Collector Fluor Hanford F. M. HALL	**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-506-7	**Ice Chest No.** GRP0B006 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925-0991-8258
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
B1NJ26 (F)		W	6/22/7	0906	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ27		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ27		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			JUN 22 2007 1430	FED EX			JUN 22 2007
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-R-C			6/23/07 0830
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

N693

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # G07-006-21

Page 1 of 1

Collector: Fluor Hanford F.M. HALL	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-506-7	Ice Chest No.: GRP03006 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925-0991-8258
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
B1NJ30 (F)		W	6/22/7	0800	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ31		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ31		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F.M. HALL			JUN 22 2007 1430	FEDEX			JUN 22 2007
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				[illegible]			6/23/07 0830
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

0563

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-28**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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.** ERC-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 2913 2870 0129
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
B1NJ35 (F)		W	6-22-07	1130	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ36		W			1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ36		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON			JUN 2 2 2007 1400	Fed Ex			JUN 2 2 2007
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-Nil			6/23/07 0830
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 SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-36**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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 pg 60	**Ice Chest No.** ERC-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913 2870 0129
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
B1NJ42		W	6-22-07	1317	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ42		W	6-22-07	1317	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford D. R. BREWINGTON	D.R. Brewington	JUN 22 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				8-D			6/23/07 0830
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 953

SDG# SL6908

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-68**

Page 1 of 1

Collector: Fluor Hanford F. M. HALL	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: INR2-RB, JUNE 2007	HNF-N-506-7	Ice Chest No.: GRP03006 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7925-0991-8258
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
B1NJ58 (F)		W	6/22/7	1030	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ59		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ59		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL		JUN 22 2007	1430	FED EX		JUN 22 2007	
Relinquished By			Date/Time	Received By			Date/Time
PERX				B-A-C			6/23/07 0830
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 SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-60**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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	HWF-N-5066	**Ice Chest No.** FRC1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 2913 2870 0129
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
B1NJ53 (F)		W	6-22-07	1200	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ54		W			1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ54		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON		JUN 2 2 2007	1400	Fed Ex		JUN 2 2 2007	
Fluor Hanford D. R. BREWINGTON		FEDEX		B-Air		6/23/07	0830
Fluor Hanford D. R. BREWINGTON		6-22-07					

Matrix *

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

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

SDG 0053

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-76**

Page 1 of 1

Collector Fluor Hanford F. M. HALL	**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-506-7	**Ice Chest No.** GRP03006 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925-0991-8258
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
B1NJ63 (F)		W	6/22/7	1120	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ64		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ64		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford F. M. HALL			JUN 22 2007/1430	FED EX		JUN 22 2007	
Relinquished By			Date/Time	Received By			Date/Time
FEDEX				B-2-C			6/23/07 0830
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

9263

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-92**

Page 1 of 1

Collector J.G. Hogan	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. G07-006 Fluor Hanford	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 1NR2-RB, JUNE 2007	HNF-N-506 8 Pg 58	**Ice Chest No.** GRP-03-006 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7923 0991 8258
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
B1NJ77 (F)		W	6/22/07	1209	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ78		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ78		W			1x20-mL P	Activity Scan	None
B1NJ78		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool 4C
B1NJ78		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool 4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
J.G. Hogan / [signature]	JUN 2 2 2007 1430	FedEx	
Fluor Hanford / [signature]		[signature]	6/23/07 0830

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

0563

SDG# SL698

STL ST. LOUIS

FLUOR HANFORD SL698

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **G07-006-100**

Page 1 of 1

Collector Fluor Hanford D. R. BREWINGTON	**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.** EIRC-1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 2913 2870 0129
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
B1NJ82 (F)		W	6-22-07	0855	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NJ83		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 + Phosphate (6)	Cool 4C
B1NJ83		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		JUN 22 2007 1400	Fed Ex			
Relinquished By			JUN 22 2007 Date/Time	Received By			Date/Time
				8-2			6/23/07 0830
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

TOTAL P.03

Track Shipments
Detailed Results

Quick Help

Tracking number	792509918258	**Reference**	grp03-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	66.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:14 PM	Picked up	PASCO, WA	
	3:43 PM	Package data transmitted to FedEx		

Signature proof | Email this | 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	791328700129	**Reference**	erc-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Jun 22, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Jun 23, 2007 8:28 AM	**Service type**	Priority Overnight
		Weight	53.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Jun 23, 2007	8:28 AM	**Delivered**	Earth City, MO	
	7:16 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:11 AM	At local FedEx facility	EARTH CITY, MO	
	5:28 AM	At dest sort facility	BERKELEY, MO	
	4:02 AM	Departed FedEx location	MEMPHIS, TN	
	12:34 AM	Arrived at FedEx location	MEMPHIS, TN	
Jun 22, 2007	5:11 PM	Left origin	PASCO, WA	
	4:12 PM	Package data transmitted to FedEx		

Signature proof | E-mail this | 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): F7F230129- 131- 132- 133- F7F250128

- 1761 -

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 6/23/07

Quote No: 75634, 75638, 75711, 74337, 75710 Initiated By: DD Time: 0830

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7913 2870 0129
2. 7925 0991 8258
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 DD 6/23	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. F07-048-3, S07-003-377, G07-006-28, 34, 60, 100

2. G07-006-20, 21, 68, 74, 92, W07-006-174, S07-~~005~~ 006-51, 56 DD 6/23

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

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

Project Management Review: Date: 6-27-07

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

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1NKT0

GC/MS Volatiles

Lot-Sample #...: F7F210223-003 **Work Order #...:** J1G121AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.12 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	84	(73 - 137)
4-Bromofluorobenzene	91	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NKT0

GC/MS Volatiles

Lot-Sample #: F7F210223-003 **Work Order #:** J1G121AC **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: B1NKW4

GC/MS Volatiles

Lot-Sample #...: F7F210223-007 **Work Order #...:** J1G2Q1AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
cis-1,2-Dichloroethene	**0.14 J**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.70 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 117)
Dibromofluoromethane	86	(82 - 130)
1,2-Dichloroethane-d4	85	(73 - 137)
4-Bromofluorobenzene	96	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NKW4

GC/MS Volatiles

Lot-Sample #: F7F210223-007 **Work Order #:** J1G2Q1AC **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: B1NKX2

GC/MS Volatiles

Lot-Sample #...: F7F210223-009 **Work Order #...:** J1G251AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
cis-1,2-Dichloroethene	**0.64 J**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	**0.12 J**	**1.0**	**ug/L**	**0.016**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**4.3**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(76 - 117)
Dibromofluoromethane	87	(82 - 130)
1,2-Dichloroethane-d4	83	(73 - 137)
4-Bromofluorobenzene	93	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NKX2

GC/MS Volatiles

Lot-Sample #: F7F210223-009 **Work Order #:** J1G251AC **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: B1NKY4

GC/MS Volatiles

Lot-Sample #...: F7F210223-011 **Work Order #...:** J1G3F1AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**1.3**	**1.0**	**ug/L**	**0.048**
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**1.1**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(76 - 117)
Dibromofluoromethane	89	(82 - 130)
1,2-Dichloroethane-d4	86	(73 - 137)
4-Bromofluorobenzene	93	(75 - 114)

Fluor Hanford Inc

B1NKY4

GC/MS Volatiles

Lot-Sample #: F7F210223-011 **Work Order #:** J1G3F1AC **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: B1NL10

GC/MS Volatiles

Lot-Sample #...: F7F210223-013 **Work Order #...:** J1G3P1AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.41 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(76 - 117)
Dibromofluoromethane	87	(82 - 130)
1,2-Dichloroethane-d4	87	(73 - 137)
4-Bromofluorobenzene	92	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL10

GC/MS Volatiles

Lot-Sample #: F7F210223-013 **Work Order #:** J1G3P1AC **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: B1NL14

GC/MS Volatiles

Lot-Sample #...: F7F210223-015 **Work Order #...:** J1G331AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
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	**1.1**	**1.0**	**ug/L**	**0.60**
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(76 - 117)
Dibromofluoromethane	87	(82 - 130)
1,2-Dichloroethane-d4	88	(73 - 137)
4-Bromofluorobenzene	91	(75 - 114)

Fluor Hanford Inc

B1NL14

GC/MS Volatiles

Lot-Sample #: F7F210223-015 **Work Order #:** J1G331AC **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: B1MM65

GC/MS Volatiles

Lot-Sample #...: F7F210235-001 **Work Order #...:** J1G371AC **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	**0.98 J**	**2.0**	**ug/L**	**0.80**
Methylene chloride	**4.9**	**1.0**	**ug/L**	**0.60**
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	84	(73 - 137)
4-Bromofluorobenzene	94	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1MM65

GC/MS Volatiles

Lot-Sample #: F7F210235-001 **Work Order #:** J1G371AC **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: B1NKX6

GC/MS Volatiles

Lot-Sample #...: F7F220157-002 **Work Order #...:** J1KHG1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
cis-1,2-Dichloroethene	**0.22 J**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**1.3**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	80	(73 - 137)
4-Bromofluorobenzene	94	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NKX6

GC/MS Volatiles

Lot-Sample #: F7F220157-002 **Work Order #:** J1KHG1AC **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: B1NL17

GC/MS Volatiles

Lot-Sample #...: F7F220157-004 **Work Order #...:** J1KH01AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.58 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	87	(73 - 137)
4-Bromofluorobenzene	91	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL17

GC/MS Volatiles

Lot-Sample #: F7F220157-004 **Work Order #:** J1KH01AC **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: B1NL06

GC/MS Volatiles

Lot-Sample #...: F7F220157-006 **Work Order #...:** J1KJD1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.58 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	88	(82 - 130)
1,2-Dichloroethane-d4	88	(73 - 137)
4-Bromofluorobenzene	93	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL06

GC/MS Volatiles

Lot-Sample #: F7F220157-006 **Work Order #:** J1KJD1AC **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: B1NKM8

GC/MS Volatiles

Lot-Sample #...: F7F220157-008 **Work Order #...:** J1KJL1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(76 - 117)
Dibromofluoromethane	86	(82 - 130)
1,2-Dichloroethane-d4	84	(73 - 137)
4-Bromofluorobenzene	91	(75 - 114)

Fluor Hanford Inc

B1NKMB

GC/MS Volatiles

Lot-Sample #: F7F220157-008 **Work Order #:** J1KJL1AC **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: B1NL49

GC/MS Volatiles

Lot-Sample #...: F7F220157-010 **Work Order #...:** J1KJV1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	**0.16 J**	**1.0**	**ug/L**	**0.039**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**0.42 J**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(76 - 117)
Dibromofluoromethane	89	(82 - 130)
1,2-Dichloroethane-d4	87	(73 - 137)
4-Bromofluorobenzene	95	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL49

GC/MS Volatiles

Lot-Sample #: F7F220157-010 **Work Order #:** J1KJV1AC **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: B1NL45

GC/MS Volatiles

Lot-Sample #...: F7F220157-012 **Work Order #...:** J1KJ41AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
cis-1,2-Dichloroethene	**0.10 J**	**1.0**	**ug/L**	**0.048**
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**1.1**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	87	(82 - 130)
1,2-Dichloroethane-d4	88	(73 - 137)
4-Bromofluorobenzene	93	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL45

GC/MS Volatiles

Lot-Sample #: F7F220157-012 **Work Order #:** J1KJ41AC **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: B1NL37

GC/MS Volatiles

Lot-Sample #...: F7F220157-014 **Work Order #...:** J1KJ81AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.60 J**	**1.0**	**ug/L**	**0.048**
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**3.4**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	88	(82 - 130)
1,2-Dichloroethane-d4	88	(73 - 137)
4-Bromofluorobenzene	93	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL37

GC/MS Volatiles

Lot-Sample #: F7F220157-014 **Work Order #:** J1KJ81AC **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: B1NL41

GC/MS Volatiles

Lot-Sample #...: F7F220157-016 **Work Order #...:** J1KKC1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.20 J**	**1.0**	**ug/L**	**0.048**
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	**1.2**	**1.0**	**ug/L**	**0.037**
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(76 - 117)
Dibromofluoromethane	89	(82 - 130)
1,2-Dichloroethane-d4	87	(73 - 137)
4-Bromofluorobenzene	95	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NL41

GC/MS Volatiles

Lot-Sample #: F7F220157-016 **Work Order #:** J1KKC1AC **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: B1NT06

GC/MS Volatiles

Lot-Sample #...: F7F220173-002 **Work Order #...:** J1KNM1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
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	0.60
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	88	(73 - 137)
4-Bromofluorobenzene	92	(75 - 114)

Fluor Hanford Inc

B1NT06

GC/MS Volatiles

Lot-Sample #: F7F220173-002 **Work Order #:** J1KNM1AC **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: B1MM66

GC/MS Volatiles

Lot-Sample #...: F7F220175-001 **Work Order #...:** J1KPJ1AC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**2.2**	**1.0**	**ug/L**	**0.60**
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(76 - 117)
Dibromofluoromethane	86	(82 - 130)
1,2-Dichloroethane-d4	85	(73 - 137)
4-Bromofluorobenzene	95	(75 - 114)

Fluor Hanford Inc

B1MM66

GC/MS Volatiles

Lot-Sample #: F7F220175-001 **Work Order #:** J1KPJ1AC **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: B1MM67

GC/MS Volatiles

Lot-Sample #...: F7F230133-001 **Work Order #...:** J1NGF1AC **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	**0.61 J**	**1.0**	**ug/L**	**0.60**
Carbon disulfide	ND	1.0	ug/L	0.031
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	0.048
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	0.016
1,1,1-Trichloroethane	ND	1.0	ug/L	0.035
Carbon tetrachloride	ND	1.0	ug/L	0.039
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.064
Trichloroethene	ND	1.0	ug/L	0.037
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	0.13
1,4-Dichlorobenzene	ND	1.0	ug/L	0.047
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.025

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(76 - 117)
Dibromofluoromethane	87	(82 - 130)
1,2-Dichloroethane-d4	87	(73 - 137)
4-Bromofluorobenzene	94	(75 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1MM67

GC/MS Volatiles

Lot-Sample #: F7F230133-001 **Work Order #:** J1NGF1AC **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 #...: SL698 **Work Order #...:** J1TTQ1AA **Matrix.....:** WATER
MB Lot-Sample #: F7F260000-296

Prep Date.....: 06/25/07
Analysis Date..: 06/25/07 **Prep Batch #...:** 7177296
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	99	(76 - 117)
Dibromofluoromethane	83	(82 - 130)
1,2-Dichloroethane-d4	79	(73 - 137)
4-Bromofluorobenzene	95	(75 - 114)

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 #: F7F260000-296 B **Work Order #:** J1TTQ1AA **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 #...: SL698 **Work Order #...:** J14CM1AA **Matrix.....:** WATER
MB Lot-Sample #: F7F290000-312

Prep Date.....: 06/26/07
Analysis Date..: 06/26/07 **Prep Batch #...:** 7180312
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	97	(76 - 117)
Dibromofluoromethane	85	(82 - 130)
1,2-Dichloroethane-d4	82	(73 - 137)
4-Bromofluorobenzene	94	(75 - 114)

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 #: F7F290000-312 B **Work Order #:** J14CM1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J1TTQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7F260000-296 J1TTQ1AD-LCSD
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.28	ug/L	93		SW846 8260B
	10.0	9.50	ug/L	95	2.4	SW846 8260B
Ethylbenzene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.5	ug/L	105	0.19	SW846 8260B
1,4-Dioxane	200	206	ug/L	103		SW846 8260B
	200	187	ug/L	94	9.5	SW846 8260B
Vinyl chloride	10.0	10.3	ug/L	103		SW846 8260B
	10.0	11.3	ug/L	113	8.9	SW846 8260B
Acetone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	9.10	ug/L	91	14	SW846 8260B
Methylene chloride	10.0	9.22	ug/L	92		SW846 8260B
	10.0	8.62	ug/L	86	6.8	SW846 8260B
Carbon disulfide	10.0	8.20	ug/L	82		SW846 8260B
	10.0	8.06	ug/L	81	1.8	SW846 8260B
1,1-Dichloroethane	10.0	9.17	ug/L	92		SW846 8260B
	10.0	8.89	ug/L	89	3.0	SW846 8260B
2-Butanone	10.0	8.24	ug/L	82		SW846 8260B
	10.0	9.31	ug/L	93	12	SW846 8260B
Chloroform	10.0	8.93	ug/L	89		SW846 8260B
	10.0	8.58	ug/L	86	4.0	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.50	ug/L	95	2.1	SW846 8260B
Propionitrile	50.0	49.3	ug/L	99		SW846 8260B
	50.0	49.3	ug/L	99	0.060	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.80	ug/L	98		SW846 8260B
	10.0	9.78	ug/L	98	0.29	SW846 8260B
1,1,1-Trichloroethane	10.0	9.16	ug/L	92		SW846 8260B
	10.0	9.02	ug/L	90	1.6	SW846 8260B
Carbon tetrachloride	10.0	9.06	ug/L	91		SW846 8260B
	10.0	8.92	ug/L	89	1.5	SW846 8260B
1,2-Dichloroethane	10.0	8.77	ug/L	88		SW846 8260B
	10.0	8.44	ug/L	84	3.9	SW846 8260B
Benzene	10.0	9.65	ug/L	96		SW846 8260B
	10.0	9.40	ug/L	94	2.6	SW846 8260B
Trichloroethene	10.0	8.98	ug/L	90		SW846 8260B
	10.0	8.80	ug/L	88	2.0	SW846 8260B
4-Methyl-2-pentanone	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.0	ug/L	100	9.9	SW846 8260B
1,1,2-Trichloroethane	10.0	8.89	ug/L	89		SW846 8260B
	10.0	8.60	ug/L	86	3.3	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J1TTQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7F260000-296 J1TTQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.04**	**ug/L**	**90**		**SW846 8260B**
	10.0	**9.17**	**ug/L**	**92**	**1.4**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**58.4**	**ug/L**	**117**		**SW846 8260B**
	50.0	**53.1**	**ug/L**	**106**	**9.6**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.61**	**ug/L**	**96**		**SW846 8260B**
	10.0	**9.30**	**ug/L**	**93**	**3.3**	**SW846 8260B**
1-Butanol	**100**	**108**	**ug/L**	**108**		**SW846 8260B**
	100	**83.1 p**	**ug/L**	**83**	**26**	**SW846 8260B**
Toluene	**10.0**	**10.0**	**ug/L**	**100**		**SW846 8260B**
	10.0	**9.94**	**ug/L**	**99**	**0.57**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(90 - 118)
	108	(90 - 118)
Dibromofluoromethane	93	(83 - 125)
	94	(83 - 125)
1,2-Dichloroethane-d4	91	(75 - 135)
	86	(75 - 135)
4-Bromofluorobenzene	111	(78 - 119)
	107	(78 - 119)

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 #...: SL698 **Work Order #...:** J14CM1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7F290000-312 J14CM1AD-LCSD
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.48	ug/L	95	7.8	SW846 8260B
Ethylbenzene	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.2	ug/L	102	7.8	SW846 8260B
1,4-Dioxane	200	192	ug/L	96		SW846 8260B
	200	169	ug/L	85	13	SW846 8260B
Vinyl chloride	10.0	9.93	ug/L	99		SW846 8260B
	10.0	10.9	ug/L	109	9.0	SW846 8260B
Acetone	10.0	8.93	ug/L	89		SW846 8260B
	10.0	10.3	ug/L	103	14	SW846 8260B
Methylene chloride	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.1	ug/L	101	3.0	SW846 8260B
Carbon disulfide	10.0	9.86	ug/L	99		SW846 8260B
	10.0	8.30	ug/L	83	17	SW846 8260B
1,1-Dichloroethane	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.27	ug/L	93	4.1	SW846 8260B
2-Butanone	10.0	8.87	ug/L	89		SW846 8260B
	10.0	8.27	ug/L	83	7.0	SW846 8260B
Chloroform	10.0	9.44	ug/L	94		SW846 8260B
	10.0	8.84	ug/L	88	6.6	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.54	ug/L	95		SW846 8260B
	10.0	9.43	ug/L	94	1.2	SW846 8260B
Propionitrile	50.0	46.2	ug/L	92		SW846 8260B
	50.0	43.3	ug/L	87	6.5	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.50	ug/L	95	6.8	SW846 8260B
1,1,1-Trichloroethane	10.0	9.74	ug/L	97		SW846 8260B
	10.0	9.18	ug/L	92	6.0	SW846 8260B
Carbon tetrachloride	10.0	9.80	ug/L	98		SW846 8260B
	10.0	9.09	ug/L	91	7.4	SW846 8260B
1,2-Dichloroethane	10.0	9.68	ug/L	97		SW846 8260B
	10.0	8.84	ug/L	88	9.1	SW846 8260B
Benzene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.41	ug/L	94	8.5	SW846 8260B
Trichloroethene	10.0	9.53	ug/L	95		SW846 8260B
	10.0	8.82	ug/L	88	7.8	SW846 8260B
4-Methyl-2-pentanone	10.0	9.26	ug/L	93		SW846 8260B
	10.0	9.10	ug/L	91	1.7	SW846 8260B
1,1,2-Trichloroethane	10.0	9.39	ug/L	94		SW846 8260B
	10.0	8.94	ug/L	89	4.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J14CM1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7F290000-312 J14CM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.56**	**ug/L**	**96**		**SW846 8260B**
	10.0	**8.86**	**ug/L**	**89**	**7.6**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**53.9**	**ug/L**	**108**		**SW846 8260B**
	50.0	**48.1**	**ug/L**	**96**	**11**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	10.0	**9.15**	**ug/L**	**92**	**9.5**	**SW846 8260B**
1-Butanol	**100**	**102**	**ug/L**	**102**		**SW846 8260B**
	100	**94.7**	**ug/L**	**95**	**7.8**	**SW846 8260B**
Toluene	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	10.0	**9.86**	**ug/L**	**99**	**7.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(90 - 118)
	106	(90 - 118)
Dibromofluoromethane	90	(83 - 125)
	92	(83 - 125)
1,2-Dichloroethane-d4	91	(75 - 135)
	92	(75 - 135)
4-Bromofluorobenzene	107	(78 - 119)
	107	(78 - 119)

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 #...: SL698 **Work Order #...:** J1G121AK-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F210223-003 J1G121AL-MSD
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7177296
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	7.14	ug/L	71		SW846 8260B
	ND	10.0	7.81	ug/L	78	9.0	SW846 8260B
Ethylbenzene	ND	10.0	8.85	ug/L	88		SW846 8260B
	ND	10.0	8.84	ug/L	88	0.11	SW846 8260B
1,4-Dioxane	ND	200	142	ug/L	71		SW846 8260B
	ND	200	183	ug/L	91 p	25	SW846 8260B
Vinyl chloride	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	11.5	ug/L	115	14	SW846 8260B
Acetone	ND	10.0	7.05	ug/L	71		SW846 8260B
	ND	10.0	13.0	ug/L	130 p	59	SW846 8260B
Methylene chloride	ND	10.0	7.44	ug/L	74		SW846 8260B
	ND	10.0	7.89	ug/L	79	5.8	SW846 8260B
Carbon disulfide	ND	10.0	6.70	ug/L	67		SW846 8260B
	ND	10.0	7.18	ug/L	72	6.9	SW846 8260B
1,1-Dichloroethane	ND	10.0	8.34	ug/L	83		SW846 8260B
	ND	10.0	8.12	ug/L	81	2.6	SW846 8260B
2-Butanone	ND	10.0	7.92	ug/L	79		SW846 8260B
	ND	10.0	8.31	ug/L	83	4.8	SW846 8260B
Chloroform	ND	10.0	8.07	ug/L	81		SW846 8260B
	ND	10.0	7.52	ug/L	75	7.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	8.52	ug/L	85		SW846 8260B
	ND	10.0	8.47	ug/L	85	0.62	SW846 8260B
Propionitrile	ND	50.0	43.1	ug/L	86		SW846 8260B
	ND	50.0	42.1	ug/L	84	2.3	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.73	ug/L	87		SW846 8260B
	ND	10.0	8.83	ug/L	88	1.1	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.33	ug/L	83		SW846 8260B
	ND	10.0	8.26	ug/L	83	0.89	SW846 8260B
Carbon tetrachloride	ND	10.0	8.23	ug/L	82		SW846 8260B
	ND	10.0	8.02	ug/L	80	2.6	SW846 8260B
1,2-Dichloroethane	ND	10.0	8.23	ug/L	82		SW846 8260B
	ND	10.0	7.82	ug/L	78	5.1	SW846 8260B
Benzene	ND	10.0	8.52	ug/L	85		SW846 8260B
	ND	10.0	8.76	ug/L	88	2.8	SW846 8260B
Trichloroethene	0.12	10.0	8.26	ug/L	81		SW846 8260B
	0.12	10.0	8.24	ug/L	81	0.25	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	6.94	ug/L	69		SW846 8260B
	ND	10.0	6.98	ug/L	70	0.58	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	7.50	ug/L	75		SW846 8260B
	ND	10.0	7.41	ug/L	74	1.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J1G121AK-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F210223-003 J1G121AL-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**7.76**	**ug/L**	**78**		**SW846 8260B**
	ND	**10.0**	**7.71**	**ug/L**	**77**	**0.71**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**46.6**	**ug/L**	**93**		**SW846 8260B**
	ND	**50.0**	**48.7**	**ug/L**	**97**	**4.3**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.06**	**ug/L**	**81**		**SW846 8260B**
	ND	**10.0**	**8.05**	**ug/L**	**80**	**0.09**	**SW846 8260B**
1-Butanol	**ND**	**100**	**75.5**	**ug/L**	**76**		**SW846 8260B**
	ND	**100**	**83.5**	**ug/L**	**83**	**10**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.55**	**ug/L**	**86**		**SW846 8260B**
	ND	**10.0**	**8.66**	**ug/L**	**87**	**1.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(76 - 117)
	92	(76 - 117)
Dibromofluoromethane	84	(82 - 130)
	80 *	(82 - 130)
1,2-Dichloroethane-d4	84	(73 - 137)
	78	(73 - 137)
4-Bromofluorobenzene	89	(75 - 114)
	92	(75 - 114)

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.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J1KHG1AM-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F220157-002 J1KHG1AN-MSD
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07
Prep Date.....: 06/26/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7180312
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	7.43	ug/L	74		SW846 8260B
	ND	10.0	7.66	ug/L	77	3.0	SW846 8260B
Ethylbenzene	ND	10.0	9.22	ug/L	92		SW846 8260B
	ND	10.0	9.28	ug/L	93	0.68	SW846 8260B
1,4-Dioxane	ND	200	153	ug/L	76		SW846 8260B
	ND	200	168	ug/L	84	9.6	SW846 8260B
Vinyl chloride	ND	10.0	9.98	ug/L	100		SW846 8260B
	ND	10.0	10.5	ug/L	105	4.8	SW846 8260B
Acetone	ND	10.0	8.36	ug/L	84		SW846 8260B
	ND	10.0	7.66	ug/L	77	8.7	SW846 8260B
Methylene chloride	ND	10.0	7.73	ug/L	77		SW846 8260B
	ND	10.0	7.65	ug/L	77	1.0	SW846 8260B
Carbon disulfide	ND	10.0	6.69	ug/L	67		SW846 8260B
	ND	10.0	6.84	ug/L	68	2.1	SW846 8260B
1,1-Dichloroethane	ND	10.0	8.47	ug/L	85		SW846 8260B
	ND	10.0	8.42	ug/L	84	0.58	SW846 8260B
2-Butanone	ND	10.0	7.58	ug/L	76		SW846 8260B
	ND	10.0	8.45	ug/L	84	11	SW846 8260B
Chloroform	ND	10.0	8.32	ug/L	83		SW846 8260B
	ND	10.0	8.23	ug/L	82	1.0	SW846 8260B
cis-1,2-Dichloroethene	0.22	10.0	9.00	ug/L	88		SW846 8260B
	0.22	10.0	9.04	ug/L	88	0.41	SW846 8260B
Propionitrile	ND	50.0	42.8	ug/L	86		SW846 8260B
	ND	50.0	44.9	ug/L	90	4.8	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.00	ug/L	90		SW846 8260B
	ND	10.0	9.02	ug/L	90	0.22	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	8.69	ug/L	87		SW846 8260B
	ND	10.0	8.42	ug/L	84	3.2	SW846 8260B
Carbon tetrachloride	ND	10.0	8.50	ug/L	85		SW846 8260B
	ND	10.0	8.40	ug/L	84	1.2	SW846 8260B
1,2-Dichloroethane	ND	10.0	8.37	ug/L	84		SW846 8260B
	ND	10.0	8.18	ug/L	82	2.2	SW846 8260B
Benzene	ND	10.0	8.84	ug/L	88		SW846 8260B
	ND	10.0	8.90	ug/L	89	0.72	SW846 8260B
Trichloroethene	1.3	10.0	9.87	ug/L	85		SW846 8260B
	1.3	10.0	9.73	ug/L	84	1.4	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.06	ug/L	81		SW846 8260B
	ND	10.0	7.79	ug/L	78	3.3	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	7.86	ug/L	79		SW846 8260B
	ND	10.0	7.75	ug/L	78	1.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL698 **Work Order #...:** J1KHG1AM-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F220157-002 J1KHG1AN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**7.84**	**ug/L**	**78**		**SW846 8260B**
	ND	**10.0**	**8.09**	**ug/L**	**81**	**3.0**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**45.4**	**ug/L**	**91**		**SW846 8260B**
	ND	**50.0**	**50.5**	**ug/L**	**101**	**11**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.06**	**ug/L**	**81**		**SW846 8260B**
	ND	**10.0**	**8.32**	**ug/L**	**83**	**3.2**	**SW846 8260B**
1-Butanol	**ND**	**100**	**71.9**	**ug/L**	**72**		**SW846 8260B**
	ND	**100**	**92.9**	**ug/L**	**93 p**	**26**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.85**	**ug/L**	**88**		**SW846 8260B**
	ND	**10.0**	**8.83**	**ug/L**	**88**	**0.26**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(76 - 117)
	92	(76 - 117)
Dibromofluoromethane	86	(82 - 130)
	84	(82 - 130)
1,2-Dichloroethane-d4	83	(73 - 137)
	81	(73 - 137)
4-Bromofluorobenzene	86	(75 - 114)
	91	(75 - 114)

NOTE(S):

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

Bold print denotes control parameters

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

VOLATILE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1NJC7

GC Volatiles

Lot-Sample #...: F7F230132-001 **Work Order #...:** J1NGD1AD **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7176244
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH - Gasoline Range - WTPH-G	ND	0.10	mg/L	0.0095

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	76 *	(85 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL698 **Work Order #...:** J1P7J1AA **Matrix.....:** WATER
MB Lot-Sample #: F7F250000-244

Prep Date.....: 06/25/07
Analysis Date..: 06/25/07 **Prep Batch #...:** 7176244
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH - Gasoline Range - WT	ND	0.10	mg/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	78 *	(85 - 115)

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 Volatiles

Client Lot #...: SL698 **Work Order #...:** J1P7J1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7F250000-244
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7176244
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Gasoline Range - WT	**1.00**	**0.846**	**mg/L**	**85**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	87	(85 - 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 Volatiles

Client Lot #...: SL698 **Work Order #...:** J1NGD1AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F230132-001 J1NGD1AH-MSD
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/25/07
Prep Batch #...: 7176244
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Gasoline Range - WT	**ND**	**1.00**	**0.820**	**mg/L**	**82**		**SW846 8015 MOD**
	ND	**1.00**	**0.847**	**mg/L**	**85**	**3.3**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	91	(85 - 115)
	93	(85 - 115)

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: B1NJC7

GC Semivolatiles

Lot-Sample #...: F7F230132-001 **Work Order #...:** J1NGD1AC **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/29/07 **Analysis Date..:** 07/02/07
Prep Batch #...: 7180130
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	53	(16 - 150)

Fluor Hanford Inc

Client Sample ID: B1NJ78

GC Semivolatiles

Lot-Sample #...: F7F250128-015 **Work Order #...:** J1P3C1AC **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/29/07 **Analysis Date..:** 07/03/07
Prep Batch #...: 7180130
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	55	(16 - 150)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL698 **Work Order #...:** J13DP1AA **Matrix.....:** WATER
MB Lot-Sample #: F7F290000-130

Prep Date.....: 06/29/07
Analysis Date..: 07/02/07 **Prep Batch #...:** 7180130
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	66 *	(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 #...: SL698 **Work Order #...:** J13DP1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7F290000-130
Prep Date.....: 06/29/07 **Analysis Date..:** 07/02/07
Prep Batch #...: 7180130
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.46**	**mg/L**	**58**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	85	(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 #...: SL698 **Work Order #...:** J1NGD1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F7F230132-001 J1NGD1AF-MSD
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07
Prep Date.....: 06/29/07 **Analysis Date..:** 07/02/07
Prep Batch #...: 7180130
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.37**	**1.47**	**mg/L**	**62**		**SW846 8015 MOD**
	ND	**2.37**	**1.24**	**mg/L**	**52**	**17**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	86	(16 - 150)
	75	(16 - 150)

NOTE(S):

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

Bold print denotes control parameters

METALS

Fluor Hanford Inc

Client Sample ID: B1NN47

DISSOLVED Metals

Lot-Sample #...: F7F210221-001 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND D	120	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**33.3 B,D**	**400**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AE
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**30100 D**	**10000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AK
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1GW91AL
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**10900 C,D**	**10000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**15.3 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AN**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**2930 B**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1GW91AQ**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NN47

DISSOLVED Metals

Lot-Sample #...: F7F210221-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**30300**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1GW91AT**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**117 D**	**100**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**28.5 B,D**	**100**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1GW91AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1GW91AW
		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: B1NKJ6

DISSOLVED Metals

Lot-Sample #...: F7F210223-001 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172307						
Arsenic	**9.5 B**	**10.0**	**ug/L**	**SW846 6020**	**06/21-07/25/07**	**J1G1R1AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NKR9

DISSOLVED Metals

Lot-Sample #...: F7F210223-002 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND D	120	ug/L	SW846 6010B	06/21-07/19/07	J1G111AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**51.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G111AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AD
		Dilution Factor: 2		MDL.....: 1.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**56000 D**	**10000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G111AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	06/21-07/19/07	J1G111AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AJ
		Dilution Factor: 2		MDL.....: 3.7		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G111AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**14700 C,D**	**10000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G111AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**16.6 B,C,D**	**30.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G111AM**
		Dilution Factor: 2		MDL.....: 1.7		
Nickel	ND D	80.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6360**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G111AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND D	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NKR9

DISSOLVED Metals

Lot-Sample #...: F7F210223-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25700**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G111AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**241 D**	**100**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G111AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	06/21-07/19/07	J1G111AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G111AV
		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: B1NKW7

DISSOLVED Metals

Lot-Sample #...: F7F210223-004 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**29.2 B**	**200**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2E1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**25900**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2E1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G2E1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**6060 C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2E1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**8.2 B,C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2E1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2140 B**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G2E1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKW7

DISSOLVED Metals

Lot-Sample #...: F7F210223-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12200**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G2E1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**104**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2E1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2E1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NKW3

DISSOLVED Metals

Lot-Sample #...: F7F210223-006 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.0 B**	**200**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**30600**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**2.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G2N1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**11300 C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**106 C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5350**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G2N1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKW3

DISSOLVED Metals

Lot-Sample #...: F7F210223-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24400**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G2N1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**180**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G2N1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G2N1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NKX1

DISSOLVED Metals

Lot-Sample #...: F7F210223-008 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**42.9 B**	**200**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**47200**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**3.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**168**	**100**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G211AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**10900 C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**9.0 B,C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2910 B**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G211AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKX1

DISSOLVED Metals

Lot-Sample #...: F7F210223-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20600**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G211AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**203**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G211AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G211AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NKY3

DISSOLVED Metals

Lot-Sample #...: F7F210223-010 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**47.6 B**	**200**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**55100**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**5.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G3D1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12600 C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**8.6 B,C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**6100**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G3D1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKY3

DISSOLVED Metals

Lot-Sample #...: F7F210223-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21700**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G3D1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**216**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**7.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3D1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3D1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NL09

DISSOLVED Metals

Lot-Sample #...: F7F210223-012 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**16.5 B**	**200**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	**0.58 B**	**5.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AD**
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**35400**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**6.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**23.0 B**	**100**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G3L1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**10500 C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**46.5 C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5580**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G3L1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL09

DISSOLVED Metals

Lot-Sample #...: F7F210223-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**18600**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/17/07**	**J1G3L1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**165**	**50.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G3L1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	**10.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G3L1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NL13

DISSOLVED Metals

Lot-Sample #...: F7F210223-014 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	ND	200	ug/L	SW846 6010B	06/21-07/19/07	J1G311AC
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	ND	5000	ug/L	SW846 6010B	06/21-07/19/07	J1G311AF
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G311AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**356 B,C**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G311AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**8.8 B,C**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G311AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	06/21-07/17/07	J1G311AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL13

DISSOLVED Metals

Lot-Sample #...: F7F210223-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	06/21-07/17/07	J1G311AR
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G311AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

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: B1NKX5

DISSOLVED Metals

Lot-Sample #...: F7F220157-001 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**38.6 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**31700**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**2.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KHF1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**6890**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**2.1 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2700 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KHF1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKX5

DISSOLVED Metals

Lot-Sample #...: F7F220157-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**14900**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KHF1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**132**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHF1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHF1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NL16

DISSOLVED Metals

Lot-Sample #...: F7F220157-003 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**61.9 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHX1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**53200 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KHX1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHX1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KHX1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHX1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5230**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KHX1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL16

DISSOLVED Metals

Lot-Sample #...: F7F220157-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25900**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KHX1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**219 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KHX1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**7.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KHX1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KHX1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL05

DISSOLVED Metals

Lot-Sample #...: F7F220157-005 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**50.8 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KH91AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**56900 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KH91AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**2.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KH91AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KH91AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KH91AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5080**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KH91AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL05

DISSOLVED Metals

Lot-Sample #...: F7F220157-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23900**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KH91AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**224 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KH91AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**8.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KH91AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KH91AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NKM7

DISSOLVED Metals

Lot-Sample #...: F7F220157-007 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**54.5 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJH1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**56900 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJH1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**2.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJH1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KJH1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**13400**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJH1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**2.1 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJH1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5350**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJH1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NKM7

DISSOLVED Metals

Lot-Sample #...: F7F220157-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**24400**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJH1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**242 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJH1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**9.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJH1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJH1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL48

DISSOLVED Metals

Lot-Sample #...: F7F220157-009 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**52.8 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJR1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**57300 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJR1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KJR1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJR1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**6380**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJR1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL48

DISSOLVED Metals

Lot-Sample #...: F7F220157-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23200**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJR1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**239 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJR1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**9.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJR1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJR1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL44

DISSOLVED Metals

Lot-Sample #...: F7F220157-011 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**57.8 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJX1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**45000**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJX1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**92.9 B**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJX1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**9610**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJX1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**4.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJX1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4600 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJX1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL44

DISSOLVED Metals

Lot-Sample #...: F7F220157-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21800**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJX1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**199**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJX1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJX1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NL36

DISSOLVED Metals

Lot-Sample #...: F7F220157-013 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**47.1 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**55300 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJ61AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**5.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**3.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KJ61AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**11200**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**6.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5270**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJ61AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL36

DISSOLVED Metals

Lot-Sample #...: F7F220157-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19700**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KJ61AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**203 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KJ61AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**7.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KJ61AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KJ61AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NL40

DISSOLVED Metals

Lot-Sample #...: F7F220157-015 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**52.9 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KKA1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**53500 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KKA1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**3.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KKA1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1KKA1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**10600**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KKA1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**4450 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KKA1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NL40

DISSOLVED Metals

Lot-Sample #...: F7F220157-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23300**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KKA1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**221 D**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1KKA1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**6.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KKA1AU**
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KKA1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NT05

DISSOLVED Metals

Lot-Sample #...: F7F220173-001 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.9 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KNL1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**22100**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KNL1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**197**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KNL1AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**7880**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KNL1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**242**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KNL1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**5090**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KNL1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NT05

DISSOLVED Metals

Lot-Sample #...: F7F220173-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**40100**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1KNL1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**131**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1KNL1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1KNL1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NKD1

DISSOLVED Metals

Lot-Sample #...: F7F230129-001 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176283						
Arsenic	**2.8 B**	**10.0**	**ug/L**	**SW846 6020**	**06/25-07/25/07**	**J1NFX1AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NKD5

DISSOLVED Metals

Lot-Sample #...: F7F230129-002 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176283						
Arsenic	ND	10.0	ug/L	SW846 6020	06/25-07/25/07	J1NF01AC
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1NJ26

DISSOLVED Metals

Lot-Sample #...: F7F250128-001 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**32.5 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P1G1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**46900**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P1G1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P1G1AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1P1G1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**13000**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P1G1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2610 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P1G1AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ26

DISSOLVED Metals

Lot-Sample #...: F7F250128-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**6540**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P1G1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**314**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P1G1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1P1G1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NJ30

DISSOLVED Metals

Lot-Sample #...: F7F250128-003 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	ND	200	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AC
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	ND	5000	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AF
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1P2M1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	ND	5000	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AL
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1P2M1AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ30

DISSOLVED Metals

Lot-Sample #...: F7F250128-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1P2M1AR
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2M1AV
		Dilution Factor: 1		MDL.....: 9.6		

Fluor Hanford Inc

Client Sample ID: B1NJ35

DISSOLVED Metals

Lot-Sample #...: F7F250128-005 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**37.4 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**23800**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**6.8 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1P2Q1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**4640 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**8.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1P2Q1AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ35

DISSOLVED Metals

Lot-Sample #...: F7F250128-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**4040 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P2Q1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**97.4**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P2Q1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1P2Q1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NJ53

DISSOLVED Metals

Lot-Sample #...: F7F250128-008 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**26.7 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**15200**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	**2.5 B**	**25.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AJ**
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**41.8 B**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P221AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**3290 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**540**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**1820 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P221AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ53

DISSOLVED Metals

Lot-Sample #...: F7F250128-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**93200**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P221AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**77.4**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P221AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/19/07	J1P221AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NJ58

DISSOLVED Metals

Lot-Sample #...: F7F250128-010 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**13.7 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**7360**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**4.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**50.8 B**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P251AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**1570 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**249**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND D	10000	ug/L	SW846 6010B	06/25-07/18/07	J1P251AP
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ58

DISSOLVED Metals

Lot-Sample #...: F7F250128-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**128000 D**	**10000**	**ug/L**	**SW846 6010B**	**06/25-07/18/07**	**J1P251AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**39.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P251AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/19/07	J1P251AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NJ63

DISSOLVED Metals

Lot-Sample #...: F7F250128-012 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**109 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**109000 D**	**25000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**7.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	**5.0 B**	**25.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AJ**
		Dilution Factor: 1		MDL.....: 1.8		
Iron	**338**	**100**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P271AK**
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**7.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	**2400 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P271AP**
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ63

DISSOLVED Metals

Lot-Sample #...: F7F250128-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**5450**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P271AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**370 D**	**250**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P271AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	**29.1**	**20.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P271AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NJ77

DISSOLVED Metals

Lot-Sample #...: F7F250128-014 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**24.2 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P291AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**20800**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P291AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P291AG**
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AH
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1P291AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**4680 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P291AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AM
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1P291AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ77

DISSOLVED Metals

Lot-Sample #...: F7F250128-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**3330 B**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P291AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**90.2**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P291AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/19/07	J1P291AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NJ82

DISSOLVED Metals

Lot-Sample #...: F7F250128-016 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**32.7 B**	**200**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AD
		Dilution Factor: 1		MDL.....: 0.57		
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AE
		Dilution Factor: 1		MDL.....: 3.5		
Calcium	**30600**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AF**
		Dilution Factor: 1		MDL.....: 100		
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AG
		Dilution Factor: 1		MDL.....: 2.5		
Cobalt	**7.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AH**
		Dilution Factor: 1		MDL.....: 2.0		
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AJ
		Dilution Factor: 1		MDL.....: 1.8		
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1P3L1AK
		Dilution Factor: 1		MDL.....: 18.6		
Magnesium	**5340**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AL**
		Dilution Factor: 1		MDL.....: 128		
Manganese	**10.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AM**
		Dilution Factor: 1		MDL.....: 0.86		
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AN
		Dilution Factor: 1		MDL.....: 4.6		
Potassium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1P3L1AP
		Dilution Factor: 1		MDL.....: 1630		
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AQ
		Dilution Factor: 1		MDL.....: 1.7		

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Fluor Hanford Inc

Client Sample ID: B1NJ82

DISSOLVED Metals

Lot-Sample #...: F7F250128-016 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**5680**	**5000**	**ug/L**	**SW846 6010B**	**06/25-07/17/07**	**J1P3L1AR**
		Dilution Factor: 1		MDL.....: 78.5		
Strontium	**116**	**50.0**	**ug/L**	**SW846 6010B**	**06/25-07/19/07**	**J1P3L1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AU
		Dilution Factor: 1		MDL.....: 6.1		
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/19/07	J1P3L1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7F210000-301 **Prep Batch #...:** 7172301						
Antimony	ND	60.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/21-07/17/07	J1G7F1AK
		Dilution Factor: 1				
Magnesium	**191 B**	**5000**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G7F1AL**
		Dilution Factor: 1				
Manganese	**4.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**06/21-07/19/07**	**J1G7F1AM**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/21-07/17/07	J1G7F1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/21-07/17/07	J1G7F1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/21-07/19/07	J1G7F1AV
		Dilution Factor: 1				
MB Lot-Sample #: F7F210000-307 **Prep Batch #...:** 7172307						
Arsenic	ND	10.0	ug/L	SW846 6020	06/21-07/25/07	J1G781AA
		Dilution Factor: 1				
MB Lot-Sample #: F7F250000-283 **Prep Batch #...:** 7176283						
Arsenic	ND	10.0	ug/L	SW846 6020	06/25-07/25/07	J1QAN1AA
		Dilution Factor: 1				
MB Lot-Sample #: F7F250000-284 **Prep Batch #...:** 7176284						
Antimony	ND	60.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AJ
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	ND	100	ug/L	SW846 6010B	06/25-07/17/07	J1QAR1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1QAR1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/25-07/17/07	J1QAR1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/25-07/18/07	J1QAR1AV
		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

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7F210000-301 **Prep Batch #...:** 7172301							
Antimony	500	495	ug/L	99	SW846 6010B	06/21-07/19/07	J1G7F1AW
			Dilution Factor: 1				
Barium	500	480	ug/L	96	SW846 6010B	06/21-07/19/07	J1G7F1AX
			Dilution Factor: 1				
Beryllium	500	511	ug/L	102	SW846 6010B	06/21-07/19/07	J1G7F1A0
			Dilution Factor: 1				
Cadmium	500	522	ug/L	104	SW846 6010B	06/21-07/19/07	J1G7F1A1
			Dilution Factor: 1				
Calcium	10000	10400	ug/L	104	SW846 6010B	06/21-07/19/07	J1G7F1A2
			Dilution Factor: 1				
Chromium	500	505	ug/L	101	SW846 6010B	06/21-07/19/07	J1G7F1A3
			Dilution Factor: 1				
Cobalt	500	498	ug/L	100	SW846 6010B	06/21-07/19/07	J1G7F1A4
			Dilution Factor: 1				
Copper	500	479	ug/L	96	SW846 6010B	06/21-07/19/07	J1G7F1A5
			Dilution Factor: 1				
Iron	500	533	ug/L	107	SW846 6010B	06/21-07/17/07	J1G7F1A6
			Dilution Factor: 1				
Magnesium	10000	10900	ug/L	109	SW846 6010B	06/21-07/19/07	J1G7F1A7
			Dilution Factor: 1				
Manganese	500	510	ug/L	102	SW846 6010B	06/21-07/19/07	J1G7F1A8
			Dilution Factor: 1				
Nickel	500	494	ug/L	99	SW846 6010B	06/21-07/19/07	J1G7F1A9
			Dilution Factor: 1				
Potassium	10000	9570	ug/L	96	SW846 6010B	06/21-07/17/07	J1G7F1CA
			Dilution Factor: 1				
Silver	125	123	ug/L	98	SW846 6010B	06/21-07/19/07	J1G7F1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10700	ug/L	107	SW846 6010B	06/21-07/17/07	J1G7F1CD
			Dilution Factor: 1				
Strontium	500	497	ug/L	99	SW846 6010B	06/21-07/19/07	J1G7F1CE
			Dilution Factor: 1				
Vanadium	500	499	ug/L	100	SW846 6010B	06/21-07/19/07	J1G7F1CF
			Dilution Factor: 1				
Zinc	500	529	ug/L	106	SW846 6010B	06/21-07/19/07	J1G7F1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F7F210000-307 **Prep Batch #...:** 7172307							
Arsenic	500	507	ug/L	101	SW846 6020	06/21-07/25/07	J1G781AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7F250000-283 **Prep Batch #...:** 7176283							
Arsenic	500	520	ug/L	104	SW846 6020	06/25-07/25/07	J1QAN1AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7F250000-284 **Prep Batch #...:** 7176284							
Antimony	500	527	ug/L	105	SW846 6010B	06/25-07/18/07	J1QAR1AW
			Dilution Factor: 1				
Barium	500	524	ug/L	105	SW846 6010B	06/25-07/18/07	J1QAR1AX
			Dilution Factor: 1				
Beryllium	500	553	ug/L	111	SW846 6010B	06/25-07/18/07	J1QAR1A0
			Dilution Factor: 1				
Cadmium	500	539	ug/L	108	SW846 6010B	06/25-07/18/07	J1QAR1A1
			Dilution Factor: 1				
Calcium	10000	11000	ug/L	110	SW846 6010B	06/25-07/18/07	J1QAR1A2
			Dilution Factor: 1				
Chromium	500	531	ug/L	106	SW846 6010B	06/25-07/18/07	J1QAR1A3
			Dilution Factor: 1				
Cobalt	500	524	ug/L	105	SW846 6010B	06/25-07/18/07	J1QAR1A4
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	500	515	ug/L	103	SW846 6010B	06/25-07/18/07	J1QAR1A5
			Dilution Factor: 1				
Iron	500	537	ug/L	107	SW846 6010B	06/25-07/17/07	J1QAR1A6
			Dilution Factor: 1				
Magnesium	10000	11100	ug/L	111	SW846 6010B	06/25-07/18/07	J1QAR1A7
			Dilution Factor: 1				
Manganese	500	537	ug/L	107	SW846 6010B	06/25-07/18/07	J1QAR1A8
			Dilution Factor: 1				
Nickel	500	521	ug/L	104	SW846 6010B	06/25-07/18/07	J1QAR1A9
			Dilution Factor: 1				
Potassium	10000	10300	ug/L	103	SW846 6010B	06/25-07/17/07	J1QAR1CA
			Dilution Factor: 1				
Silver	125	129	ug/L	103	SW846 6010B	06/25-07/18/07	J1QAR1CC
			Dilution Factor: 1				
Sodium	10000	10800	ug/L	108	SW846 6010B	06/25-07/17/07	J1QAR1CD
			Dilution Factor: 1				
Strontium	500	537	ug/L	107	SW846 6010B	06/25-07/18/07	J1QAR1CE
			Dilution Factor: 1				
Vanadium	500	525	ug/L	105	SW846 6010B	06/25-07/18/07	J1QAR1CF
			Dilution Factor: 1				
Zinc	500	567	ug/L	113	SW846 6010B	06/25-07/18/07	J1QAR1CG
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

MS Lot-Sample #: F7F210221-001 **Prep Batch #...:** 7172301

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	250 D	ug/L	100		SW846 6010B	06/21-07/19/07	J1GW91AX
	ND	250	258 D	ug/L	103	3.2	SW846 6010B	06/21-07/19/07	J1GW91A0
			Dilution Factor: 2						
Barium									
	33.3	1000	980 D	ug/L	95		SW846 6010B	06/21-07/19/07	J1GW91A1
	33.3	1000	981 D	ug/L	95	0.12	SW846 6010B	06/21-07/19/07	J1GW91A2
			Dilution Factor: 2						
Beryllium									
	ND	25.0	26.6 D	ug/L	103		SW846 6010B	06/21-07/19/07	J1GW91A3
	ND	25.0	26.7 D	ug/L	104	0.30	SW846 6010B	06/21-07/19/07	J1GW91A4
			Dilution Factor: 2						
Cadmium									
	ND	25.0	26.4 D	ug/L	105		SW846 6010B	06/21-07/19/07	J1GW91A5
	ND	25.0	26.9 D	ug/L	108	2.2	SW846 6010B	06/21-07/19/07	J1GW91A6
			Dilution Factor: 2						
Calcium									
	30100	25000	55200 D	ug/L	101		SW846 6010B	06/21-07/19/07	J1GW91A7
	30100	25000	55400 D	ug/L	101	0.37	SW846 6010B	06/21-07/19/07	J1GW91A8
			Dilution Factor: 2						
Chromium									
	ND	100	105 D	ug/L	102		SW846 6010B	06/21-07/19/07	J1GW91A9
	ND	100	107 D	ug/L	103	1.2	SW846 6010B	06/21-07/19/07	J1GW91CA
			Dilution Factor: 2						
Cobalt									
	ND	250	248 D	ug/L	99		SW846 6010B	06/21-07/19/07	J1GW91CC
	ND	250	250 D	ug/L	100	0.54	SW846 6010B	06/21-07/19/07	J1GW91CD
			Dilution Factor: 2						
Copper									
	ND	125	116 D	ug/L	93		SW846 6010B	06/21-07/19/07	J1GW91CE
	ND	125	118 D	ug/L	95	2.1	SW846 6010B	06/21-07/19/07	J1GW91CF
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	525	ug/L	105		SW846 6010B	06/21-07/17/07	J1GW91CG
	ND	500	527	ug/L	105	0.29	SW846 6010B	06/21-07/17/07	J1GW91CH
			Dilution Factor: 1						
Magnesium									
	10900	25000	37600 D	ug/L	107		SW846 6010B	06/21-07/19/07	J1GW91CJ
	10900	25000	37600 D	ug/L	107	0.13	SW846 6010B	06/21-07/19/07	J1GW91CK
			Dilution Factor: 2						
Manganese									
	15.3	250	266 D	ug/L	100		SW846 6010B	06/21-07/19/07	J1GW91CL
	15.3	250	266 D	ug/L	100	0.09	SW846 6010B	06/21-07/19/07	J1GW91CM
			Dilution Factor: 2						
Nickel									
	ND	250	248 D	ug/L	99		SW846 6010B	06/21-07/19/07	J1GW91CN
	ND	250	248 D	ug/L	99	0.15	SW846 6010B	06/21-07/19/07	J1GW91CP
			Dilution Factor: 2						
Potassium									
	2930	25000	29300	ug/L	106		SW846 6010B	06/21-07/17/07	J1GW91CQ
	2930	25000	30000	ug/L	108	2.2	SW846 6010B	06/21-07/17/07	J1GW91CR
			Dilution Factor: 1						
Silver									
	ND	25.0	23.7 D	ug/L	95		SW846 6010B	06/21-07/19/07	J1GW91CT
	ND	25.0	26.0 D	ug/L	104	9.3	SW846 6010B	06/21-07/19/07	J1GW91CU
			Dilution Factor: 2						
Sodium									
	30300	25000	55200	ug/L	99		SW846 6010B	06/21-07/17/07	J1GW91CV
	30300	25000	55600	ug/L	101	0.76	SW846 6010B	06/21-07/17/07	J1GW91CW
			Dilution Factor: 1						
Strontium									
	117	500	614 D	ug/L	99		SW846 6010B	06/21-07/19/07	J1GW91CX
	117	500	614 D	ug/L	100	0.13	SW846 6010B	06/21-07/19/07	J1GW91C0
			Dilution Factor: 2						
Vanadium									
	28.5	250	279 D	ug/L	100		SW846 6010B	06/21-07/19/07	J1GW91C1
	28.5	250	280 D	ug/L	100	0.27	SW846 6010B	06/21-07/19/07	J1GW91C2
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	276 D	ug/L	110		SW846 6010B	06/21-07/19/07	J1GW91C3
	ND	250	280 D	ug/L	112	1.6	SW846 6010B	06/21-07/19/07	J1GW91C4

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 #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7F210223-001 **Prep Batch #...:** 7172307									
Arsenic									
	9.5	1000	998	ug/L	99		SW846 6020	06/21-07/25/07	J1G1R1AD
	9.5	1000	1020	ug/L	101	2.4	SW846 6020	06/21-07/25/07	J1G1R1AE

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7F230129-001 **Prep Batch #...:** 7176283									
Arsenic									
	2.8	1000	999	ug/L	100		SW846 6020	06/25-07/25/07	J1NFX1AD
	2.8	1000	987	ug/L	98	1.2	SW846 6020	06/25-07/25/07	J1NFX1AE

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7F250128-014 **Prep Batch #...:** 7176284									
Antimony									
	ND	250	262	ug/L	105		SW846 6010B	06/25-07/19/07	J1P291AW
	ND	250	262	ug/L	105	0.15	SW846 6010B	06/25-07/19/07	J1P291AX
			Dilution Factor: 1						
Barium									
	24.2	1000	1070	ug/L	104		SW846 6010B	06/25-07/19/07	J1P291A0
	24.2	1000	1070	ug/L	105	0.55	SW846 6010B	06/25-07/19/07	J1P291A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.6	ug/L	110		SW846 6010B	06/25-07/19/07	J1P291A2
	ND	25.0	27.6	ug/L	111	0.21	SW846 6010B	06/25-07/19/07	J1P291A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	26.0	ug/L	104		SW846 6010B	06/25-07/19/07	J1P291A4
	ND	25.0	26.0	ug/L	104	0.23	SW846 6010B	06/25-07/19/07	J1P291A5
			Dilution Factor: 1						
Calcium									
	20800	25000	47300	ug/L	106		SW846 6010B	06/25-07/19/07	J1P291A6
	20800	25000	47500	ug/L	107	0.30	SW846 6010B	06/25-07/19/07	J1P291A7
			Dilution Factor: 1						
Chromium									
	3.2	100	109	ug/L	106		SW846 6010B	06/25-07/19/07	J1P291A8
	3.2	100	110	ug/L	106	0.43	SW846 6010B	06/25-07/19/07	J1P291A9
			Dilution Factor: 1						
Cobalt									
	ND	250	259	ug/L	103		SW846 6010B	06/25-07/19/07	J1P291CA
	ND	250	259	ug/L	104	0.28	SW846 6010B	06/25-07/19/07	J1P291CC
			Dilution Factor: 1						
Copper									
	ND	125	130	ug/L	104		SW846 6010B	06/25-07/19/07	J1P291CD
	ND	125	130	ug/L	104	0.54	SW846 6010B	06/25-07/19/07	J1P291CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	533	ug/L	107		SW846 6010B	06/25-07/17/07	J1P291CF
	ND	500	531	ug/L	106	0.36	SW846 6010B	06/25-07/17/07	J1P291CG
			Dilution Factor: 1						
Magnesium									
	4680	25000	32000	ug/L	109		SW846 6010B	06/25-07/19/07	J1P291CH
	4680	25000	32000	ug/L	109	0.18	SW846 6010B	06/25-07/19/07	J1P291CJ
			Dilution Factor: 1						
Manganese									
	ND	250	265	ug/L	106		SW846 6010B	06/25-07/19/07	J1P291CK
	ND	250	265	ug/L	106	0.26	SW846 6010B	06/25-07/19/07	J1P291CL
			Dilution Factor: 1						
Nickel									
	ND	250	256	ug/L	102		SW846 6010B	06/25-07/19/07	J1P291CM
	ND	250	256	ug/L	103	0.10	SW846 6010B	06/25-07/19/07	J1P291CN
			Dilution Factor: 1						
Potassium									
	ND	25000	26100	ug/L	104		SW846 6010B	06/25-07/17/07	J1P291CP
	ND	25000	26400	ug/L	106	1.2	SW846 6010B	06/25-07/17/07	J1P291CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	26.0	ug/L	104		SW846 6010B	06/25-07/19/07	J1P291CR
	ND	25.0	25.6	ug/L	102	1.4	SW846 6010B	06/25-07/19/07	J1P291CT
			Dilution Factor: 1						
Sodium									
	3330	25000	30000	ug/L	107		SW846 6010B	06/25-07/17/07	J1P291CU
	3330	25000	29700	ug/L	106	0.77	SW846 6010B	06/25-07/17/07	J1P291CV
			Dilution Factor: 1						
Strontium									
	90.2	500	615	ug/L	105		SW846 6010B	06/25-07/19/07	J1P291CW
	90.2	500	618	ug/L	106	0.51	SW846 6010B	06/25-07/19/07	J1P291CX
			Dilution Factor: 1						
Vanadium									
	ND	250	261	ug/L	105		SW846 6010B	06/25-07/19/07	J1P291C0
	ND	250	263	ug/L	105	0.48	SW846 6010B	06/25-07/19/07	J1P291C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	283	ug/L	113		SW846 6010B	06/25-07/19/07	J1P291C2
	ND	250	281	ug/L	112	0.77	SW846 6010B	06/25-07/19/07	J1P291C3

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: B1NN91

General Chemistry

Lot-Sample #...: F7F210221-002 **Work Order #...:** J1GXJ **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**3.8 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/10/07**	**7192115**
		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: B1NN92

General Chemistry

Lot-Sample #...: F7F210221-003 **Work Order #...:** J1GXM **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**2.9 B**	**5.0**	**ug/L**	**SW846 9020B**	**07/10/07**	**7192115**
		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: B1NN93

General Chemistry

Lot-Sample #...: F7F210221-004 **Work Order #...:** J1GXP **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	07/10/07	7192115
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NN94

General Chemistry

Lot-Sample #...: F7F210221-005 **Work Order #...:** J1GXR **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	07/10/07	7192115
		Dilution Factor: 1		MDL.....: 2.2		

Fluor Hanford Inc

Client Sample ID: B1NNB2

General Chemistry

Lot-Sample #...: F7F210221-006 **Work Order #...:** J1GX3 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**8.7 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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: B1NNB3

General Chemistry

Lot-Sample #...: F7F210221-007 **Work Order #...:** J1GX6 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.5 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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: B1NNB4

General Chemistry

Lot-Sample #...: F7F210221-008 **Work Order #...:** J1GX9 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.8 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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: B1NNB5

General Chemistry

Lot-Sample #...: F7F210221-009 **Work Order #...:** J1G0A **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**5.6 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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: B1NNC0

General Chemistry

Lot-Sample #...: F7F210221-010 **Work Order #...:** J1G0K **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.9 C**	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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: B1NKT0

General Chemistry

Lot-Sample #...: F7F210223-003 **Work Order #...:** J1G12 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**20.2 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.35 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.8 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**56.9 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**122**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NKW8

General Chemistry

Lot-Sample #...: F7F210223-005 **Work Order #...:** J1G2G **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**4.2**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	**0.33 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.1 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**19.5**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 1		MDL.....: 0.050		
Total Alkalinity	**83.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1NKW4

General Chemistry

Lot-Sample #...: F7F210223-007 **Work Order #...:** J1G2Q **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**11.6 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.55 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**2.7 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**23.4 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**145**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NKX2

General Chemistry

Lot-Sample #...: F7F210223-009 **Work Order #...:** J1G25 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**12.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.32 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**4.9 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**42.0 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**124**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NKY4

General Chemistry

Lot-Sample #...: F7F210223-011 **Work Order #...:** J1G3F **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**19.5 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.33 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**5.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**45.3 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**135**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL10

General Chemistry

Lot-Sample #...: F7F210223-013 **Work Order #...:** J1G3P **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**17.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173046**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.23 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173047**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**2.2 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173050**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**26.6 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/21/07**	**7173048**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**107**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL14

General Chemistry

Lot-Sample #...: F7F210223-015 **Work Order #...:** J1G33 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	ND	0.20	mg/L	MCAWW 300.0A	06/21/07	7173046
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	ND N	0.10	mg/L	MCAWW 300.0A	06/21/07	7173047
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	ND	0.020	mg/L	MCAWW 300.0A	06/21/07	7173050
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	ND	0.50	mg/L	MCAWW 300.0A	06/21/07	7173048
		Dilution Factor: 1		MDL.....: 0.050		
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	06/27/07	7178071
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NKX6

General Chemistry

Lot-Sample #...: F7F220157-002 **Work Order #...:** J1KHG **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**6.9 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.36**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**2.1 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**22.8 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**100**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL17

General Chemistry

Lot-Sample #...: F7F220157-004 **Work Order #...:** J1KH0 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**21.1 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.35**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**5.9 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**52.3 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**126**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL06

General Chemistry

Lot-Sample #...: F7F220157-006 **Work Order #...:** J1KJD **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**21.9 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.34**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**5.7 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**52.7 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**133**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NKM8

General Chemistry

Lot-Sample #...: F7F220157-008 **Work Order #...:** J1KJL **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**17.8 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.35**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**6.7 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**55.7 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**125**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL49

General Chemistry

Lot-Sample #...: F7F220157-010 **Work Order #...:** J1KJV **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**18.1 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.30**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**7.2 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**35.9 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**142**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL45

General Chemistry

Lot-Sample #...: F7F220157-012 **Work Order #...:** J1KJ4 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**14.8 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.40**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**4.2 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**39.6 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**109**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL37

General Chemistry

Lot-Sample #...: F7F220157-014 **Work Order #...:** J1KJ8 **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**18.3 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.30**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**7.2 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**36.7 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**130**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NL41

General Chemistry

Lot-Sample #...: F7F220157-016 **Work Order #...:** J1KKC **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**18.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.44**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**5.3 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176221**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**42.8 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**120**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NT06

General Chemistry

Lot-Sample #...: F7F220173-002 **Work Order #...:** J1KNM **Matrix.....:** WATER
Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**7.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176217**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.70**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176218**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	ND	0.020	mg/L	MCAWW 300.0A	06/22/07	7176221
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	**3.3**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/22/07**	**7176219**
		Dilution Factor: 1		MDL.....: 0.050		
Total Alkalinity	**141**	**5.0**	**mg/L**	**MCAWW 310.1**	**06/27/07**	**7178071**
		Dilution Factor: 1		MDL.....: 0.85		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NLR3

General Chemistry

Lot-Sample #...: F7F230131-001 **Work Order #...:** J1NF7 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319

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

Fluor Hanford Inc

Client Sample ID: B1NLR4

General Chemistry

Lot-Sample #...: F7F230131-002 **Work Order #...:** J1NF8 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319

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

Fluor Hanford Inc

Client Sample ID: B1NLR5

General Chemistry

Lot-Sample #...: F7F230131-003 **Work Order #...:** J1NF9 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319

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

Fluor Hanford Inc

Client Sample ID: B1NLR6

General Chemistry

Lot-Sample #...: F7F230131-004 **Work Order #...:** J1NGA **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319

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

Fluor Hanford Inc

Client Sample ID: B1NJ27

General Chemistry

Lot-Sample #...: F7F250128-002 **Work Order #...:** J1P1J **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**11.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176311**
	Dilution Factor: 10			MDL.....: 0.20		
Fluoride	**0.063 B**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176312**
	Dilution Factor: 1			MDL.....: 0.025		
Nitrate	**9.1 D**	**0.40**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176315**
	Dilution Factor: 20			MDL.....: 0.080		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
	Dilution Factor: 1			MDL.....: 0.0050		
Phosphate as P, Ortho	**0.22 B,C,N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
	Dilution Factor: 1			MDL.....: 0.16		
Sulfate	**61.8 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176313**
	Dilution Factor: 10			MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1NJ31

General Chemistry

Lot-Sample #...: F7F250128-004 **Work Order #...:** J1P2P **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	ND	0.20	mg/L	MCAWW 300.0A	06/23/07	7176311
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	ND	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	ND	0.020	mg/L	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	ND N	0.50	mg/L	MCAWW 300.0A	06/23/07	7176433
		Dilution Factor: 1		MDL.....: 0.16		
Sulfate	ND	0.50	mg/L	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1NJ36

General Chemistry

Lot-Sample #...: F7F250128-006 **Work Order #...:** J1P2T **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**1.9**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176311**
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	**0.044 B**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176312**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**1.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176315**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	**0.40 B,C,N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
		Dilution Factor: 1		MDL.....: 0.16		
Sulfate	**10.7**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176313**
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1NJ42

General Chemistry

Lot-Sample #...: F7F250128-007 **Work Order #...:** J1P20 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	10.1 D	2.0	mg/L	MCAWW 300.0A	06/23/07	7176311
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	0.12	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	0.079	0.020	mg/L	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	0.17 N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	80.3 C,DN	5.0	mg/L	MCAWW 300.0A	06/23/07	7176433
		Dilution Factor: 10		MDL.....: 1.6		
Sulfate	7.0	0.50	mg/L	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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

DN Result obtained from dilution; spike sample recovery outside control limits.

Fluor Hanford Inc

Client Sample ID: B1NJ54

General Chemistry

Lot-Sample #...: F7F250128-009 **Work Order #...:** J1P24 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	12.3 D	2.0	mg/L	MCAWW 300.0A	06/23/07	7176311
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	0.092 B	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	0.23	0.020	mg/L	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	0.087 N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	66.5 C,DN	5.0	mg/L	MCAWW 300.0A	06/23/07	7176433
		Dilution Factor: 10		MDL.....: 1.6		
Sulfate	7.5	0.50	mg/L	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

DN Result obtained from dilution; spike sample recovery outside control limits.

Fluor Hanford Inc

Client Sample ID: B1NJ59

General Chemistry

Lot-Sample #...: F7F250128-011 **Work Order #...:** J1P26 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	16.2 D	2.0	mg/L	MCAWW 300.0A	06/23/07	7176311
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	0.086 B	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	0.35	0.020	mg/L	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	0.25 N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	78.4 C,DN	5.0	mg/L	MCAWW 300.0A	06/23/07	7176433
		Dilution Factor: 10		MDL.....: 1.6		
Sulfate	6.7	0.50	mg/L	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

DN Result obtained from dilution; spike sample recovery outside control limits.

Fluor Hanford Inc

Client Sample ID: B1NJ64

General Chemistry

Lot-Sample #...: F7F250128-013 **Work Order #...:** J1P28 **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**11.1 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176311**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.069 B**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176312**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**46.1 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**07/03/07**	**7186057**
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	**0.37 B,C,N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
		Dilution Factor: 1		MDL.....: 0.16		
Sulfate	**61.3 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176313**
		Dilution Factor: 10		MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1NJ78

General Chemistry

Lot-Sample #...: F7F250128-015 **Work Order #...:** J1P3C **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**1.1**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176311**
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	**0.077 B**	**0.10**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176312**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**0.29**	**0.020**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176315**
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	**0.20 B,C,N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
		Dilution Factor: 1		MDL.....: 0.16		
Sulfate	**8.3**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176313**
		Dilution Factor: 1		MDL.....: 0.050		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1		MDL.....: 0.76		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1NJ83

General Chemistry

Lot-Sample #...: F7F250128-017 **Work Order #...:** J1P3N **Matrix.....:** WATER
Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**1.7**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176311**
		Dilution Factor: 1		MDL.....: 0.020		
Fluoride	ND	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**3.5 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176315**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1		MDL.....: 0.0050		
Phosphate as P, Ortho	**0.91 C,N**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
		Dilution Factor: 1		MDL.....: 0.16		
Sulfate	**16.3**	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176313**
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J1J4N1AA		MB Lot-Sample #:	F7F220000-046	
	ND	0.20	mg/L	MCAWW 300.0A	06/21/07	7173046
		Dilution Factor: 1				
Chloride		Work Order #: J1P4M1AA		MB Lot-Sample #:	F7F250000-217	
	ND	0.20	mg/L	MCAWW 300.0A	06/22/07	7176217
		Dilution Factor: 1				
Chloride		Work Order #: J1QDD1AA		MB Lot-Sample #:	F7F250000-311	
	ND	0.20	mg/L	MCAWW 300.0A	06/23/07	7176311
		Dilution Factor: 1				
Fluoride		Work Order #: J1J4P1AA		MB Lot-Sample #:	F7F220000-047	
	ND	0.10	mg/L	MCAWW 300.0A	06/21/07	7173047
		Dilution Factor: 1				
Fluoride		Work Order #: J1P4N1AA		MB Lot-Sample #:	F7F250000-218	
	ND	0.10	mg/L	MCAWW 300.0A	06/22/07	7176218
		Dilution Factor: 1				
Fluoride		Work Order #: J1QDE1AA		MB Lot-Sample #:	F7F250000-312	
	ND	0.10	mg/L	MCAWW 300.0A	06/23/07	7176312
		Dilution Factor: 1				
Nitrate		Work Order #: J1J4V1AA		MB Lot-Sample #:	F7F220000-050	
	ND	0.020	mg/L	MCAWW 300.0A	06/21/07	7173050
		Dilution Factor: 1				
Nitrate		Work Order #: J1P4R1AA		MB Lot-Sample #:	F7F250000-221	
	ND	0.020	mg/L	MCAWW 300.0A	06/22/07	7176221
		Dilution Factor: 1				
Nitrate		Work Order #: J1QDQ1AA		MB Lot-Sample #:	F7F250000-315	
	ND	0.020	mg/L	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1				
Nitrate		Work Order #: J2D301AA		MB Lot-Sample #:	F7G050000-057	
	ND	0.020	mg/L	MCAWW 300.0A	07/03/07	7186057
		Dilution Factor: 1				
Nitrite		Work Order #: J1J4T1AA		MB Lot-Sample #:	F7F220000-049	
	ND	0.020	mg/L	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL698 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrite		Work Order #: J1P4Q1AA		MB Lot-Sample #:	F7F250000-220	
	ND	0.020	mg/L	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1				
Nitrite		Work Order #: J1QDK1AA		MB Lot-Sample #:	F7F250000-314	
	ND	0.020	mg/L	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1				
Phosphate as P, Ortho		Work Order #: J1QK61AA		MB Lot-Sample #:	F7F250000-433	
	0.19 B	**0.50**	**mg/L**	**MCAWW 300.0A**	**06/23/07**	**7176433**
		Dilution Factor: 1				
Sulfate		Work Order #: J1J4Q1AA		MB Lot-Sample #:	F7F220000-048	
	ND	0.50	mg/L	MCAWW 300.0A	06/21/07	7173048
		Dilution Factor: 1				
Sulfate		Work Order #: J1P4P1AA		MB Lot-Sample #:	F7F250000-219	
	ND	0.50	mg/L	MCAWW 300.0A	06/22/07	7176219
		Dilution Factor: 1				
Sulfate		Work Order #: J1QDH1AA		MB Lot-Sample #:	F7F250000-313	
	ND	0.50	mg/L	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1				
Total Alkalinity		Work Order #: J1WJ81AA		MB Lot-Sample #:	F7F270000-071	
	ND	5.0	mg/L	MCAWW 310.1	06/27/07	7178071
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J17CV1AA		MB Lot-Sample #:	F7F270000-319	
	ND	1.0	mg/L	SW846 9060	06/30/07	7178319
		Dilution Factor: 1				
TOX		Work Order #: J2M431AA		MB Lot-Sample #:	F7G110000-115	
	ND	5.0	ug/L	SW846 9020B	07/10/07	7192115
		Dilution Factor: 1				
TOX		Work Order #: J2QF11AA		MB Lot-Sample #:	F7G120000-322	
	2.6 B	**5.0**	**ug/L**	**SW846 9020B**	**07/11/07**	**7193322**
		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 #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			WO#:J1J4N1AC-LCS/J1J4N1AD-LCSD			LCS Lot-Sample#: F7F220000-046		
	2.00	2.00	mg/L	100		MCAWW 300.0A	06/21/07	7173046
	2.00	2.08	mg/L	104	3.7	MCAWW 300.0A	06/21/07	7173046
			Dilution Factor: 1					
Chloride			WO#:J1P4M1AC-LCS/J1P4M1AD-LCSD			LCS Lot-Sample#: F7F250000-217		
	2.00	2.05	mg/L	102		MCAWW 300.0A	06/22/07	7176217
	2.00	2.07	mg/L	104	1.2	MCAWW 300.0A	06/22/07	7176217
			Dilution Factor: 1					
Chloride			WO#:J1QDD1AC-LCS/J1QDD1AD-LCSD			LCS Lot-Sample#: F7F250000-311		
	2.00	2.08	mg/L	104		MCAWW 300.0A	06/23/07	7176311
	2.00	2.09	mg/L	105	0.75	MCAWW 300.0A	06/23/07	7176311
			Dilution Factor: 1					
Fluoride			WO#:J1J4P1AC-LCS/J1J4P1AD-LCSD			LCS Lot-Sample#: F7F220000-047		
	1.00	1.03	mg/L	103		MCAWW 300.0A	06/21/07	7173047
	1.00	1.01	mg/L	101	1.5	MCAWW 300.0A	06/21/07	7173047
			Dilution Factor: 1					
Fluoride			WO#:J1P4N1AC-LCS/J1P4N1AD-LCSD			LCS Lot-Sample#: F7F250000-218		
	1.00	1.01	mg/L	101		MCAWW 300.0A	06/22/07	7176218
	1.00	0.989	mg/L	99	1.8	MCAWW 300.0A	06/22/07	7176218
			Dilution Factor: 1					
Fluoride			WO#:J1QDE1AC-LCS/J1QDE1AD-LCSD			LCS Lot-Sample#: F7F250000-312		
	1.00	1.02	mg/L	102		MCAWW 300.0A	06/23/07	7176312
	1.00	1.01	mg/L	101	0.77	MCAWW 300.0A	06/23/07	7176312
			Dilution Factor: 1					
Nitrate			WO#:J1J4V1AC-LCS/J1J4V1AD-LCSD			LCS Lot-Sample#: F7F220000-050		
	0.400	0.413	mg/L	103		MCAWW 300.0A	06/21/07	7173050
	0.400	0.435	mg/L	109	5.2	MCAWW 300.0A	06/21/07	7173050
			Dilution Factor: 1					
Nitrate			WO#:J1P4R1AC-LCS/J1P4R1AD-LCSD			LCS Lot-Sample#: F7F250000-221		
	0.400	0.421	mg/L	105		MCAWW 300.0A	06/22/07	7176221
	0.400	0.428	mg/L	107	1.6	MCAWW 300.0A	06/22/07	7176221
			Dilution Factor: 1					

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate		WO#:J1QDQ1AC-LCS/J1QDQ1AD-LCSD LCS Lot-Sample#: F7F250000-315						
	0.400	0.425	mg/L	106		MCAWW 300.0A	06/23/07	7176315
	0.400	0.424	mg/L	106	0.20	MCAWW 300.0A	06/23/07	7176315
		Dilution Factor: 1						
Nitrate		WO#:J2D301AC-LCS/J2D301AD-LCSD LCS Lot-Sample#: F7G050000-057						
	0.400	0.364	mg/L	91		MCAWW 300.0A	07/03/07	7186057
	0.400	0.398	mg/L	100	9.1	MCAWW 300.0A	07/03/07	7186057
		Dilution Factor: 1						
Nitrite		WO#:J1J4T1AC-LCS/J1J4T1AD-LCSD LCS Lot-Sample#: F7F220000-049						
	0.160	0.163	mg/L	102		MCAWW 300.0A	06/21/07	7173049
	0.160	0.156	mg/L	97	4.2	MCAWW 300.0A	06/21/07	7173049
		Dilution Factor: 1						
Nitrite		WO#:J1P4Q1AC-LCS/J1P4Q1AD-LCSD LCS Lot-Sample#: F7F250000-220						
	0.160	0.159	mg/L	100		MCAWW 300.0A	06/22/07	7176220
	0.160	0.159	mg/L	99	0.36	MCAWW 300.0A	06/22/07	7176220
		Dilution Factor: 1						
Nitrite		WO#:J1QDK1AC-LCS/J1QDK1AD-LCSD LCS Lot-Sample#: F7F250000-314						
	0.160	0.174	mg/L	109		MCAWW 300.0A	06/23/07	7176314
	0.160	0.151	mg/L	94	15	MCAWW 300.0A	06/23/07	7176314
		Dilution Factor: 1						
Phosphate as P, Ortho		WO#:J1QK61AC-LCS/J1QK61AD-LCSD LCS Lot-Sample#: F7F250000-433						
	8.00	8.44	mg/L	105		MCAWW 300.0A	06/23/07	7176433
	8.00	8.61	mg/L	108	2.1	MCAWW 300.0A	06/23/07	7176433
		Dilution Factor: 1						
Sulfate		WO#:J1J4Q1AC-LCS/J1J4Q1AD-LCSD LCS Lot-Sample#: F7F220000-048						
	8.00	8.11	mg/L	101		MCAWW 300.0A	06/21/07	7173048
	8.00	8.22	mg/L	103	1.3	MCAWW 300.0A	06/21/07	7173048
		Dilution Factor: 1						
Sulfate		WO#:J1P4P1AC-LCS/J1P4P1AD-LCSD LCS Lot-Sample#: F7F250000-219						
	8.00	8.10	mg/L	101		MCAWW 300.0A	06/22/07	7176219
	8.00	7.94	mg/L	99	2.0	MCAWW 300.0A	06/22/07	7176219
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		WO#:J1QDH1AC-LCS/J1QDH1AD-LCSD LCS Lot-Sample#: F7F250000-313						
	8.00	8.14	mg/L	102		MCAWW 300.0A	06/23/07	7176313
	8.00	8.25	mg/L	103	1.4	MCAWW 300.0A	06/23/07	7176313
		Dilution Factor: 1						
Total Alkalinity		WO#:J1WJ81AC-LCS/J1WJ81AD-LCSD LCS Lot-Sample#: F7F270000-071						
	200	200	mg/L	100		MCAWW 310.1	06/27/07	7178071
	200	201	mg/L	100	0.49	MCAWW 310.1	06/27/07	7178071
		Dilution Factor: 1						
Total Organic Carbon		WO#:J17CV1AC-LCS/J17CV1AD-LCSD LCS Lot-Sample#: F7F270000-319						
	6.00	6.06	mg/L	101		SW846 9060	06/30/07	7178319
	6.00	5.85	mg/L	97	3.5	SW846 9060	06/30/07	7178319
		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 #...: SL698 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #:	J2M431AC	LCS Lot-Sample#:	F7G110000-115	
	100	101	ug/L	101	SW846 9020B	07/10/07	7192115
			Dilution Factor: 1				
TOX			Work Order #:	J2QF11AC	LCS Lot-Sample#:	F7G120000-322	
	100	110	ug/L	110	SW846 9020B	07/11/07	7193322
			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 #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		J1G121AM		MS Lot-Sample #:	F7F210223-003
	20.2	20.0	41.4 D	mg/L	106	MCAWW 300.0A	06/21/07	7173046
			Dilution Factor: 10					
Chloride			Work Order #...:		J1KH01AK		MS Lot-Sample #:	F7F220157-004
	21.1	20.0	42.1 D	mg/L	105	MCAWW 300.0A	06/22/07	7176217
			Dilution Factor: 10					
Chloride			Work Order #...:		J1P1J1AJ		MS Lot-Sample #:	F7F250128-002
	11.0	20.0	31.3 D	mg/L	102	MCAWW 300.0A	06/23/07	7176311
			Dilution Factor: 10					
Fluoride			Work Order #...:		J1G121AN		MS Lot-Sample #:	F7F210223-003
	0.35	2.00	2.73 N	mg/L	119	MCAWW 300.0A	06/21/07	7173047
			Dilution Factor: 1					
Fluoride			Work Order #...:		J1KH01AM		MS Lot-Sample #:	F7F220157-004
	0.35	2.00	2.40	mg/L	103	MCAWW 300.0A	06/22/07	7176218
			Dilution Factor: 1					
Fluoride			Work Order #...:		J1P1J1AK		MS Lot-Sample #:	F7F250128-002
	0.063	2.00	2.23	mg/L	108	MCAWW 300.0A	06/23/07	7176312
			Dilution Factor: 1					
Nitrate			Work Order #...:		J1G121AR		MS Lot-Sample #:	F7F210223-003
	6.8	4.00	11.0 D	mg/L	104	MCAWW 300.0A	06/21/07	7173050
			Dilution Factor: 10					
Nitrate			Work Order #...:		J1KH01AU		MS Lot-Sample #:	F7F220157-004
	5.9	4.00	10.2 D	mg/L	107	MCAWW 300.0A	06/22/07	7176221
			Dilution Factor: 10					
Nitrate			Work Order #...:		J1P1J1AN		MS Lot-Sample #:	F7F250128-002
	9.1	8.00	17.6 D	mg/L	106	MCAWW 300.0A	06/23/07	7176315
			Dilution Factor: 20					
Nitrite			Work Order #...:		J1G121AQ		MS Lot-Sample #:	F7F210223-003
	ND	0.100	0.139 N	mg/L	139	MCAWW 300.0A	06/21/07	7173049
			Dilution Factor: 1					
Nitrite			Work Order #...:		J1KH01AR		MS Lot-Sample #:	F7F220157-004
	ND	0.100	0.161 N	mg/L	161	MCAWW 300.0A	06/22/07	7176220
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrite			Work Order #...:		J1P1J1AM	MS Lot-Sample #:		F7F250128-002
	ND	0.100	0.157 N	mg/L	157	MCAWW 300.0A	06/23/07	7176314
			Dilution Factor: 1					
Phosphate as P, Ortho			Work Order #...:		J1P1J1AP	MS Lot-Sample #:		F7F250128-002
	0.22	4.00	4.74 N	mg/L	113	MCAWW 300.0A	06/23/07	7176433
			Dilution Factor: 1					
Sulfate			Work Order #...:		J1G121AP	MS Lot-Sample #:		F7F210223-003
	56.9	40.0	95.0 D	mg/L	95	MCAWW 300.0A	06/21/07	7173048
			Dilution Factor: 10					
Sulfate			Work Order #...:		J1KH01AP	MS Lot-Sample #:		F7F220157-004
	52.3	40.0	90.4 D	mg/L	95	MCAWW 300.0A	06/22/07	7176219
			Dilution Factor: 10					
Sulfate			Work Order #...:		J1P1J1AL	MS Lot-Sample #:		F7F250128-002
	61.8	40.0	102 D	mg/L	101	MCAWW 300.0A	06/23/07	7176313
			Dilution Factor: 10					
Total Alkalinity			Work Order #...:		J1G121A1	MS Lot-Sample #:		F7F210223-003
	122	100	221	mg/L	99	MCAWW 310.1	06/27/07	7178071
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J1GXJ1AD	MS Lot-Sample #:		F7F210221-002
	ND	5.00	5.50	mg/L	110	SW846 9060	06/30/07	7178319
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J1G0A1AE	MS Lot-Sample #:		F7F210221-009
	ND	5.00	5.60	mg/L	112	SW846 9060	06/30/07	7178319
			Dilution Factor: 1					
TOX			Work Order #...:		J1GXJ1AE	MS Lot-Sample #:		F7F210221-002
	3.8	100	105	ug/L	101	SW846 9020B	07/10/07	7192115
			Dilution Factor: 1					
TOX			Work Order #...:		J1R3G1AE	MS Lot-Sample #:		F7F260203-001
	11.2	100	118	ug/L	106	SW846 9020B	07/11/07	7193322
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL698 **Matrix.....:** WATER
Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F210221 **Work Order #...:** J1G12-SMP J1G12-DUP **Matrix.....:** WATER

Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7F210223-003	
	20.2 D	19.5 D	mg/L	3.5	(0-20)	MCAWW 300.0A	06/21/07	7173046
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7F210223-003	
	0.35 N	0.34 N	mg/L	3.9	(0-20)	MCAWW 300.0A	06/21/07	7173047
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7F210223-003	
	56.9 D	55.3 D	mg/L	2.9	(0-20)	MCAWW 300.0A	06/21/07	7173048
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7F210223-003	
	ND N JK 07-31-07	ND N	mg/L	0	(0-20)	MCAWW 300.0A	06/21/07	7173049
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7F210223-003	
	6.8 D	6.6 D	mg/L	2.7	(0-20)	MCAWW 300.0A	06/21/07	7173050
			Dilution Factor: 10					
Total Alkalinity						SD Lot-Sample #:	F7F210223-003	
	122	127	mg/L	4.0	(0-20)	MCAWW 310.1	06/27/07	7178071
			Dilution Factor: 1					

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F210221 **Work Order #...:** J1KH0-SMP J1KH0-DUP **Matrix.....:** WATER

Date Sampled...: 06/21/07 **Date Received..:** 06/22/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7F220157-004	
	21.1 D	20.4 D	mg/L	3.7	(0-20)	MCAWW 300.0A	06/22/07	7176217
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7F220157-004	
	0.35	0.41	mg/L	17	(0-20)	MCAWW 300.0A	06/22/07	7176218
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7F220157-004	
	52.3 D	53.0 D	mg/L	1.4	(0-20)	MCAWW 300.0A	06/22/07	7176219
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7F220157-004	
	ND N	ND N	mg/L	0	(0-20)	MCAWW 300.0A	06/22/07	7176220
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7F220157-004	
	5.9 D	6.0 D	mg/L	2.5	(0-20)	MCAWW 300.0A	06/22/07	7176221
			Dilution Factor: 10					

JW 07-30-07

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F210221 **Work Order #...:** J1P1J-SMP J1P1J-DUP **Matrix.....:** WATER

Date Sampled...: 06/22/07 **Date Received..:** 06/23/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7F250128-002	
	11.0 D	10.9 D	mg/L	0.82	(0-20)	MCAWW 300.0A	06/23/07	7176311
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7F250128-002	
	0.063 B	0.082 B	mg/L	26	(0-20)	MCAWW 300.0A	06/23/07	7176312
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7F250128-002	
	61.8 D	62.1 D	mg/L	0.62	(0-20)	MCAWW 300.0A	06/23/07	7176313
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7F250128-002	
	ND N JW 07-30-07	ND N	mg/L	0	(0-20)	MCAWW 300.0A	06/23/07	7176314
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7F250128-002	
	9.1 D	9.1 D	mg/L	0.48	(0-20)	MCAWW 300.0A	06/23/07	7176315
			Dilution Factor: 20					
Phosphate as P, Ortho						SD Lot-Sample #:	F7F250128-002	
	0.22 B,C,N	ND N JW 07-30-07	mg/L	200	(0-20)	MCAWW 300.0A	06/23/07	7176433
			Dilution Factor: 1					

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.

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F210221 **Work Order #...:** J1GXJ-SMP J1GXJ-DUP **Matrix.....:** WATER

Date Sampled...: 06/20/07 **Date Received..:** 06/21/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon						SD Lot-Sample #:	F7F210221-002	
	ND	ND	mg/L	0	(0-20)	SW846 9060	06/30/07	7178319
			Dilution Factor: 1					
TOX						SD Lot-Sample #:	F7F210221-002	
	3.8 B	2.6 B	ug/L	37	(0-20)	SW846 9020B	07/10/07	7192115
			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.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7F210221 **Work Order #...:** J1R3G-SMP J1R3G-DUP **Matrix.....:** WATER

Date Sampled...: 06/23/07 **Date Received..:** 06/26/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F7F260203-001	
	11.2 C	9.1 C	ug/L	21	(0-20)	SW846 9020B	07/11/07	7193322

Dilution Factor: 1

NOTE(S):

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

C The analyte was detected in the associated method blank above the IDL/MDL

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