TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

0078072

ANALYTICAL REPORT

I07-061

Lot #: F7I250206
SDG #: SL712

RECEIVED
JUN 26 2008
EDMC

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

NOV 2007
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Janis M. Klegin
for
Michael C. Franks
Project Manager

October 30, 2007

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

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

SDG	:	SL712
Number of Samples	:	65
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	October 8, 2007

II. Introduction

Between September 25, 2007 and October 4, 2007, sixty-five (65) water samples were received by TestAmerica St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

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

Deviation from Request: None

IV. Definitions

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

V. Comments

General

The following SAFs are associated with this SDG: I07-061, W07-008, W07-009, S07-009, S07-007, S07-005, I07-066, I07-043, I07-062, S07-006, W07-005.

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

Batch: 7276217
The CCV %D for Isopropylbenzene, n- Propylbenzene, Freon-114, Bromomethane, Iodomethane, Acrolein, Allyl chloride, n-Hexane, Acetonitrile, Acrylonitrile, Cyclohexane, sec-Butylbenzene, 4-Isopropylbenzene and n-Butylbenzene are outside the established QC limits.

The opening CCV recovery was outside the upper QC limit (greater than 20% RSD) for Carbon Disulfide indicating a potential high bias for this analyte in the samples associated with this CCV. Carbon Disulfide was not detected above the reporting limit in the associated samples.

The CCV 4-Bromofluorobenzene surrogate recovery was outside acceptable QC limits. Samples associated with this CCV had acceptable 4-Bromofluorobenzene surrogate recoveries. This anomaly appears to be isolated to the CCV and so sample data is not affected.

The MS/MSD RPDs for 1-Butanol and 1,4-Dioxane are not within method acceptance criteria. MS/MSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F7I250206 (2): B1P5K9
F7I250214 (1): B1P886
F7I250214 (2): B1P887
F7I250214 (8): B1P974
F7I250228 (5): B1PK59
F7I250228 (6): B1PK60
F7I250250 (1): B1NX55

Batch: 7281123
The CCV recovery was outside the upper QC limit (greater than 20% RSD) for 1,4-Dioxane indicating a potential high bias for this analyte in the samples associated with this CCV. This analyte was not detected above the reporting limit in the associated samples.

The CCV %D for Nonanal is outside the established QC limits. This analyte is not part of the analysis request and thus this excursion does not effect the data.

The LCS/LCSD RPD for Acetone is outside established QC criteria. Percent recoveries are acceptable.

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.

Affected Samples:

F7I260265 (1): B1PK61
F7I260269 (2): B1P5M3
F7I260278 (2): B1NHC1
F7I260283 (1): B1P6B5
F7I260285 (4): B1P8K6
F7I270224 (2): B1P5N0
F7I270224 (4): B1P5L6
F7I270237 (1): B1PK62
F7I280230 (1): B1PK63
F7I280230 (2): B1P5T5
F7I280230 (3): B1P5R8

Batch: 7281123

The associated sample's surrogate recovery for DBFM is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. The sample has high levels of Carbon Tetrachloride which co-elutes with the DBFM and as a result the surrogate recovery is below the acceptable QC limit. The sample was diluted for Carbon Tetrachloride and the DBFM recovery is within acceptable limits.

Affected Samples:

F7I260283 (1): B1P6B5

Batch: 7285115

The associated sample's surrogate recovery for DBFM is outside established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample. The sample has high levels of Carbon Tetrachloride which co-elutes with the DBFM and as a result the surrogate recovery is above the acceptable QC limit. The sample was diluted for Carbon Tetrachloride and the DBFM recovery is within acceptable limits.

The associated sample was analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7J020168 (2): B1P695

Batch: 7285115

The CCV %Ds for Bromomethane, Iodomethane, Acrolein, Tetrahydrofuran, Methacrylonitrile, 2-Chloroethyl vinyl ether, 2-Nitropropane, Ethyl methacrylate, trans-1,4-dichloro-2-butene, Cyclohexanone, and Nonanal are outside the established QC limits. These analytes are not part of the analysis request and thus this excursion does not effect the data.

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

LCS recoveries are outside laboratory QC limits and qualified accordingly. Recoveries are within marginal exceedance limits, and within the number of analytes allowed.

The MS/MSD recovery for Carbon Disulfide is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. The RPD for 1,4-Dioxane is outside the QC limit. Spike recoveries are acceptable. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F7I290106 (1): B1PV97
F7I290107 (1): B1P5Y7
F7J020165 (1): B1PV98
F7J020165 (2): B1PV99
F7J020168 (1): B1P5Y3
F7J020168 (2): B1P695
F7J030129 (2): B1P5X3
F7J030132 (1): B1PVB0

Batch: 7285108

The CCV recoveries was outside the upper QC limit (greater than 20% RSD) for Acetone and Bromomethane indicating a potential high bias for those analytes in the samples associated with this CCV. Acetone was either not reported from this batch, or was not detected above the reporting limit in the associated samples. Bromomethane is not a target analyte. The CCV recoveries for trans-1,4-dichloro-2-butene, Cyclohexanone, and Nonanal were outside the lower QC limits. These analytes are not target analytes.

The LCS/LCSD recoveries for several analytes are outside the upper QC limit, indicating a potential positive bias for the analytes. RPDs were also outside QC criteria. The associated samples were either dilution analyses for Carbon Tetrachloride, which was in control, or yielded results below the reporting limit for the high biased compounds.

Acetone was observed in the method blank above the reporting limit. Acetone is recognized as a potential laboratory contaminant. Concentrations up to five times the level observed in the method blank, in associated laboratory samples, may be attributed to its presence in the laboratory. Acetone was either not reported from this batch, or was not detected above the reporting limit in the associated samples.

The MS/MSD recoveries for Carbon Disulfide are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference.

Affected Samples:

F7I260278 (2): B1NHC1
F7I260283 (1): B1P6B5
F7I260285 (3): B1P941

Batch: 7285108

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

Affected Samples:

F7I260278 (2): B1NHC1
F7I260283 (1): B1P6B5

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Semivolatiles

Batch: 7270267
The analytes a,a-Dimethyl-phenethylamine and Famphur are >20%D in the initial calibration. These analytes are not target analytes.

The Method Blank surrogate recoveries are 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.
7270267
Affected Samples:
F7I260278 (2): B1NHC1

Extractable Petroleum Hydrocarbons

Batch: 7269348
The surrogate recovered high in the CCAL. The associated samples' and QC surrogate recoveries were acceptable.
Affected Samples:
F7I250206 (2): B1P5K9

Batch: 7276047
The surrogates recovered high in the CCALs. The associated samples' and QC surrogate recoveries were acceptable.
Affected Samples:
F7I260269 (2): B1P5M3
F7I260278 (2): B1NHC1
F7I270224 (2): B1P5N0
F7I270224 (4): B1P5L6

Volatile Petroleum Hydrocarbons

Batches: 7271096, 7275193
The associated sample was analyzed in batch 7271096, however due to a problem with batching the sample, it was placed in it's own batch (7275193). The method blank and LCS is included for batch 7275193, however, reference batch 7271096 for the MS/MSD.
Affected Samples:
F7I260278 (2): B1NHC1

Batch: 7269167
The LCS surrogate recovery is outside established QC limits. The spiked compound recovery in the LCS is acceptable.
Affected Samples:
F7I250206 (2): B1P5K9

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ICP Metals

Batch: 72784399
Strontium was observed in the CCB above the reporting limit. Associated samples were either non-detect for the contaminant or exhibited concentrations greater than ten (10) times the concentrations observed in the CCB, and did not require re-analysis.

The associated samples were analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.

Affected Samples:

F7I250206 (1): B1P5K8
F7I250214 (7): B1P973
F7I260269 (1): B1P5M2
F7I260278 (1): B1NHC0
F7I260285 (1): B1P8V1
F7I260285 (2): B1P940
F7I270224 (1): B1P5M9
F7I270224 (3): B1P5L5
F7I290108 (1): B1P8V6
F7I290108 (2): B1P8W0

Batch: 7274399
The low-level check standard recovery for aluminum is outside the upper QC limit, indicating a potential positive bias for this analyte. This analyte was not observed above the reporting limit in the associated samples; therefore the sample data was not adversely affected by this excursion.

Affected Samples:

F7I250206 (1): B1P5K8
F7I260269 (1): B1P5M2
F7I260278 (1): B1NHC0
F7I270224 (1): B1P5M9
F7I270224 (3): B1P5L5

Batch: 7283210
The MS and/or MSD recoveries for calcium and sodium are outside the established QC limits. The analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

The MS and/or MSD recoveries for potassium and strontium are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.

Strontium was observed in the CCB above the reporting limit. Associated samples exhibited concentrations greater than ten (10) times the concentrations observed in the CCB, and did not require reanalysis.

Affected Samples:

F7J020140 (1): B1P9B5
F7J020161 (1): B1NK69
F7J040165 (1): B1PDX1
F7J040187 (1): B1N563

Batch: 7283210
The associated sample was analyzed at a dilution due to high concentrations of salts. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:
F7J020140 (1): B1P9B5

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 7271382 and Nitrite in batch 7271384 is attributed to matrix interference.

The associated samples were sampled on 9/23/07 and received on 9/25/07, just before hold time expired for Nitrite and Nitrate. Due to this, as well as instrument recalibration that day, Nitrite and Nitrate for these two samples were run out of hold. Sample B1N3N1 was analyzed for Nitrate/Nitrate same day as received. Sample B1NX55 was analyzed same day as received for Nitrite. Nitrate was analyzed on 9/27/07 due to the changing of the IC columns, and the need for an additional dilution. Please refer to included IRF 07-112.
Affected Samples:
F7I250250 (1): B1NX55 F7I250253 (1): B1N3N1

For Nitrate batch 7271385, no matrix QC (matrix spike or sample duplicate) are reported. The sample that the QC was performed on required further dilution, and was not reported in this batch.
Affected Samples:
F7I250253 (1): B1N3N1

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 7277323 is attributed to matrix interference.
Affected Samples:
F7J030130 (1): B1N3N9

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 7277554 is attributed to matrix interference.
Affected Samples:
F7J040165 (2): B1PDX2 F7J040187 (2): B1N564

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

Ammonia
ICP-MS Metals
Mercury
Oil & Grease
Sulfide
Total Organic Carbon
Total Organic Halogens

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:

for
Mike Franks
St. Louis Project Manager

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

FLUOR HANFORD TRACKING NUMBER: 07-112

Date: October 25, 2007 SAF Nos. **S07-007, S07-005**

SDG: **SL712** LOGIN No.: **F7I250250, F7I250253** TEST: **Nitrate/Nitrite**

Sample No.(s) **B1NX55, B1N3N1**

Submitted By: Mike Franks 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 samples were sampled on 9/23/07 and received on 9/25/07, just before hold time expired for Nitrite and Nitrate. Due to this, as well as instrument recalibration that day, Nitrite and Nitrate for these two samples were run out of hold. Sample B1N3N1 was analyzed for Nitrate/Nitrate same day as received. Sample B1NX55 was analyzed same day as received for Nitrite. Nitrate was analyzed on 9/27/07 due to the changing of the IC columns, and the need for an additional dilution.	Proceed with analysis and report results and note holding time excursion in case narrative.

BHI/WMH/PNNL COMMENTS

Accept proposed resolution.

Heidi Hampt 10/25/07
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL712

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
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	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Nitrate as NO3	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Oil & Grease (Gravimetric)	MCAWW 413.1	MCAWW 413.1
Phenolics	MCAWW 420.2	MCAWW 420.2
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Sulfide	SW846 9030	
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

SL712 : F7I250206

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7K3V	001	B1P5K8	09/24/07	12:31
J7K34	002	B1P5K9	09/24/07	12:31

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I250214

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7K6T	001	B1P886	09/24/07	14:17
J7K69	002	B1P887	09/24/07	08:30
J7K7D	003	B1P969	09/24/07	14:57
J7K74	004	B1P970	09/24/07	14:57
J7K76	005	B1P971	09/24/07	14:57
J7K79	006	B1P972	09/24/07	14:57
J7K8E	007	B1P973	09/24/07	14:57
J7K8M	008	B1P974	09/24/07	14:57

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SAMPLE SUMMARY

SL712 : F7I250225

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7LAM	001	B1PJ10	09/24/07	10:59
J7LA0	002	B1PJ11	09/24/07	10:59
J7LA3	003	B1PJ12	09/24/07	10:59
J7LA5	004	B1PJ13	09/24/07	10:59

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SAMPLE SUMMARY

SL712 : F7I250228

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7LDD	001	B1PFT7	09/24/07	12:57
J7LDW	002	B1PFT8	09/24/07	12:57
J7LEA	003	B1PFV3	09/23/07	14:42
J7LE7	004	B1PFV4	09/23/07	14:42
J7LFD	005	B1PK59	09/23/07	10:59
J7LFP	006	B1PK60	09/24/07	14:17

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SAMPLE SUMMARY

SL712 : F7I250250

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7LLE	001	B1NX55	09/23/07	11:00

NOTE(S):

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SAMPLE SUMMARY

SL712 : F7I250253

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7LLR	001	B1N3N1	09/23/07	13:06

NOTE(S):

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SAMPLE SUMMARY

SL712 : F7I250256

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7LL5	001	B1PDW3	09/24/07	10:51

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I260265

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7N33	001	B1PK61	09/25/07	08:24

NOTE(S):

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SAMPLE SUMMARY

SL712 : F7I260269

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7N4P	001	B1P5M2	09/25/07	09:44
J7N42	002	B1P5M3	09/25/07	09:44

NOTE(S):

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SAMPLE SUMMARY

SL712 : F7I260278

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7N7K	001	B1NHC0	09/25/07	09:52
J7N7N	002	B1NHC1	09/25/07	09:52

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I260283

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7N9E	001	B1P6B5	09/25/07	08:24

NOTE(S):

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SAMPLE SUMMARY

SL712 : F7I260285

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7N9H	001	B1P8V1	09/25/07	10:03
J7N9K	002	B1P940	09/25/07	10:23
J7N9N	003	B1P941	09/25/07	10:23
J7N9R	004	B1P8K6	09/25/07	09:07

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I270224

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7RDT	001	B1P5M9	09/26/07	13:22
J7RD4	002	B1P5N0	09/26/07	13:22
J7REF	003	B1P5L5	09/26/07	11:31
J7REL	004	B1P5L6	09/26/07	11:31

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I270237

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7RFM	001	B1PK62	09/26/07	09:45

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I270240

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7RF2	001	B1PJV9	09/26/07	13:22
J7RF9	002	B1PJW0	09/26/07	13:22

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I280230

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7WEF	001	B1PK63	09/27/07	12:20
J7WEJ	002	B1P5T5	09/27/07	12:20
J7WEL	003	B1P5R8	09/27/07	13:41

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I290105

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7XQD	001	B1PJ21	09/28/07	11:04
J7XQE	002	B1PJ22	09/28/07	11:04
J7XQF	003	B1PJ23	09/28/07	11:04
J7XQG	004	B1PJ24	09/28/07	11:04

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I290106

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7XQJ	001	B1PV97	09/28/07	13:00

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I290107

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7XQK	001	B1P5Y7	09/28/07	13:00

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7I290108

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7XQL	001	B1P8V6	09/28/07	13:00
J7XQM	002	B1P8W0	09/28/07	13:00

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J020140

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J7248	001	B1P9B5	09/30/07	13:13

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J020161

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J725F	001	B1NK69	09/30/07	08:55

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J020165

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J725V	001	B1PV98	09/30/07	13:32
J7250	002	B1PV99	10/01/07	10:57

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J020168

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J726C	001	B1P5Y3	09/30/07	13:32
J726M	002	B1P695	10/01/07	10:57

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J030129

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J75MJ	001	B1P5X2	10/02/07	09:12
J75ML	002	B1P5X3	10/02/07	09:12

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J030130

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J75MM	001	B1N3N9	10/02/07	11:43

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J030132

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J75MP	001	B1PVB0	10/02/07	09:12

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J040165

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J78MF	001	B1PDX1	10/03/07	09:39
J78MJ	002	B1PDX2	10/03/07	09:39

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL712 : F7J040187

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J78TA	001	B1N563	10/03/07	10:40
J78TF	002	B1N564	10/03/07	10:40

NOTE(S):

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SDG# SL7 76400 SL7 17

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-061-67**

Page 1 of 1

Collector: Kevin Patterson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-061	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1-LOI, AUGUST 2007	HNF-N-506-7	Ice Chest No.: CAP-03-028 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7924 2533 2476
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
B1P5K8 (F)		W	9-24-07	1231	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5K8 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1P5K8 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1P5K8 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1P5K9		W			1x20-mL P	Activity Scan	None
B1P5K9		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1P5K9		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P5K9		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1P5K9		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C
B1P5K9		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P5K9		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5K9		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5K9		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
Kevin Patterson, Fluor Hanford	SEP 24 2007 1400	Fed Ex	
Fed Ex	9-25-07 09:00	[signature]	9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792425332476	**Reference**	GRD-03-028
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:57 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	
	3:59 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 214 225 228 | F7I250250 253 256

Condition Upon Receipt Form

Client: Hanford
Quote No: Below
COC/RFA No: See below
Initiated By: BO/SV
Date: 9/25/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7987 7016 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

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

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

Notes:

1. F07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 266

2. F07-061-67, W07-009-344

Possible hold time issues with BINX55 & BINSN1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SV 09-25-07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-01-07

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# SL712 SL712 76408

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-633**

Page 1 of 1

Collector Josh Herrick, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** Slick 1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 798770762474
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
B1P886		W	9/24/07	1417	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P886		W	↓	↓	1x20-mL P	Activity Scan	None
B1P886		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P886		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

R. Wall 9/24/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford			SEP 24 2007 1430	FEDEX			SEP 24 2007
FED EX			9-25-07 09:00				9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

454 0364

SDG# SL712

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-634**

Page 1 of 1

Collector Josh Herrick, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** Slick 1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7987 7076 6474
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
B1P887		W	9/24/07	0830	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P887		W	↓	↓	1x20-mL P	Activity Scan	None
B1P887		W	↓	↓	1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P887		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

J. Wall 9/24/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford			SEP 24 2007 1430	FEDEX			
FEDEX			9-25-07 09:00				9/25/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

5 of 64

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-677

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	Logbook: HNF-N-506-9	Ice Chest No.: Quick 1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 7076 6474
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
B1P969		W	9/24/07		1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P969		W		1457	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P970		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P970		W		9/24/07	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P971		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P971		W		09:25:07	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P972		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P972		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1P973 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P973 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P974		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P974		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P974		W			1x20-mL P	Activity Scan	None
			L. Wall		9/24/07		

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick, Fluor Hanford	J. Herrick		SEP 24 2007 1430	FEDEX			SEP 24 2007
FEDEX			9-25-07 09:00				9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798770766474	**Reference**	SLICK 1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:56 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:39 PM	Package data transmitted to FedEx		
	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford
Quote No: below
COC/RFA No: See below
Initiated By: BO/SL
Date: 9/25/07
Time: 0900

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 268

2. I07-061-67, W07-009-344

Possible hold time issues with BINX55 & BINSN1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SL 09.25.07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-01-07

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# SL712 76775

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-009-344**

Page 1 of 1

Collector: Kevin Patterson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, SEPTEMBER 2007	HNF-N-506-7	Ice Chest No.: 6RP-03-008 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7924253 3 2476
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
B1PJ10		W	9-24-07	1059	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ11		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ12		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ13		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ16		W			1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Kevin Patterson, Fluor Hanford			SEP 24 2007 1400	FedEx			
FEDEX			9-25-07 09:00				9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792425332476	**Reference**	GRD-03-028
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:57 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	
	3:59 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/25/07
Quote No: below Initiated By: BD/SL Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*
1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 268

2. I07-061-67, W07-009-344

Possible hold time issues with BINX55 & BINSN1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SL 09.25.07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-2-07

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# SL712

SL712 16781

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-168**

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
AF No.: S07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV. SEPTEMBER 2007	Logbook: HNF-N-506-9	Ice Chest No.: Slick 1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 7076 6478
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PFT7 (F)		W	9/24/07	1257	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1PFT8		W	↓	↓	1x20-mL P	Activity Scan	None
B1PFT8		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

R. Wall 9/24/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford			SEP 24 2007 1130	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FED Ex			9-25-07 09:00				9/25/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

9864

SDG# SL712

FLUOR HANFORD

5L712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-176

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, SEPTEMBER 2007	HNF-N-506-10 pg 9	Ice Chest No.: Slick 1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987207K 4474
Protocol: SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PFV3 (F)		W	9/23/07	1442	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1PFV4		W	↓	↓	1x20-mL P	Activity Scan	None
B1PFV4		W	↓	↓	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	0822 SEP 24 2007	Josh Herrick, Fluor Hanford	0822 SEP 24 2007
Josh Herrick, Fluor Hanford	1430 SEP 24 2007	FED EX	
FEDEX	9-25-07 09:00		9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

0364

SDG# SL712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-267**

Page 1 of 1

Collector ~~Steve Overdahl~~ Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	HNF-N-506-10 pg 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.** 7987 7076 6729
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
B1PK59		W	9/23/07	1059	1x20-mL P	Activity Scan	None
B1PK59		W	9/23/07	1059	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
Steve Overdahl, Fluor Hanford		SEP 24 2007 0822	Josh Herrick, Fluor Hanford		0822 SEP 24 2007
Josh Herrick, Fluor Hanford		Date/Time 1430 SEP 24 2007	FED EX		Date/Time
RDEx		9-25-07 09:00			9/25/07 0900
Relinquished By		Date/Time	Received By		Date/Time

Matrix *

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

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

TestAmerica St. Louis

4 of 64

SDG# SL712

FLUOR HANFORD SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-268**

Page 1 of 1

Collector Josh Herrick, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	Logbook: HNF-N-506-9	**Ice Chest No.** Slick 1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7987 2076 4474
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
B1PK60		W	9/24/07	1417	1x20-mL P	Activity Scan	None
B1PK60		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

L. Wall 9/24/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick, Fluor Hanford			SEP 24 2007 1430	FEDEX			
ADE			9-25-07 09:00				9/25/07 09:00

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

TestAmerica St. Louis

5 of 5 0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798770766474	**Reference**	SLICK 1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:56 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:39 PM	Package data transmitted to FedEx		
	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/25/07
Quote No: below Initiated By: BD/SL Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*
1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 268

2. I07-061-67, W07-009-344

Possible hold time issues with BINX55 & BINSN1, sampled on 9/25

quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SL 09.25.07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-01-07

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# 152712 15995

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-007-190

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-007	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, JULY 2007	HNF-N-506-10 pg 8	Ice Chest No.: Stick 1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 7076 6474
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NX55		W	9/23/07	1100	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1NX55		W			1x20-mL P	Activity Scan	None
B1NX55		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool 4C

Relinquished By	Date/Time	Received By	Date/Time
Steve Overdahl, Fluor Hanford (Print) (Sign)	0822 SEP 24 2007	Josh Herrick, Fluor Hanford (Print) (Sign)	0822 SEP 24 2007
Josh Herrick, Fluor Hanford	SEP 24 2007 1430	FED EX	
FED EX	9-25-07 09:00		9/25/07 0900

Matrix *

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

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

TestAmerica St. Louis

0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798770766474	**Reference**	SLICK 1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.

Status	Delivered
Signature image available	Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:56 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:39 PM	Package data transmitted to FedEx		
	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/25/07
Quote No: below Initiated By: bd/SL Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages (Y) N

Shipping # (s):*
1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
2. 3
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10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 268

2. I07-061-67, W07-009-344

Possible hold time issues with BINX55 & BIN3N1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SL 09.25.07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-01-07

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.

PNNL

SDG# SL712 75891

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-005-102

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
AF No.: S07-005	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, MAY 2007	HNF-N-506-10 pg 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.: 79577066474
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 leasable per DOE Order 5400.5 (1990/1993)

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1N3N1		W	9/23/07	1306	1x20-mL P	Activity Scan	None
B1N3N1		W	9/23/07	1306	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			SEP 24 2007 0822	Josh Herrick, Fluor Hanford			SEP 24 2007 0822
Josh Herrick, Fluor Hanford			SEP 24 2007 1430	FED EX			
FEDEX			9-25-07 09:00				9/25/07 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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798770766474	**Reference**	SLICK 1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:56 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:39 PM	Package data transmitted to FedEx		
	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford
Quote No: below
COC/RFA No: See below
Initiated By: BD/SI
Date: 9/25/07
Time: 0900

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 2
2. 3
3.
4.
5.
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7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 268

2. I07-061-67, W07-009-344

Possible hold time issues with B1N355 & B1N3N1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SI 09.25.07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-01-07

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# SL712

FLUOR HANFORD

16780 SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-066-26

Page 1 of 1

Collector: Fluor Hanford K. B. HULSE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-066	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM-LOI, SEPTEMBER 2007	HNF-N-506-10	Ice Chest No.: SLICK-1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7987 7076 6476
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
B1PDW3		W	9/24/07	1051	1x20-mL P	Activity Scan	None
B1PDW3		W	9/24/07	1051	3x1000-mL G	413.1_OILGREASE: Oil and Grease (1)	HCl to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford K. B. HULSE	SEP 24 2007	FED EX	
FEDEX	9-25-07 09:00		9/25/07 09a

Matrix *

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

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

TestAmerica St. Louis

4 of 64

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	798770766474	**Reference**	SLICK 1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 24, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 25, 2007 9:07 AM	**Service type**	Priority Overnight
		Weight	85.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 25, 2007	9:07 AM	**Delivered**	Earth City, MO	
	6:56 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:51 AM	At local FedEx facility	EARTH CITY, MO	
	5:59 AM	At dest sort facility	BERKELEY, MO	
	3:51 AM	Departed FedEx location	MEMPHIS, TN	
	1:02 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 24, 2007	5:39 PM	Package data transmitted to FedEx		
	5:25 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I250206 F7I250250
214 253
225 256
228

Condition Upon Receipt Form

Client: Hanford
Quote No: below
COC/RFA No: See below
Initiated By: BD/SL
Date: 9/25/07
Time: 0900

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*

1. 7987 7076 6474
2. 7924 2533 2476
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

1. I07-066-26, S07-007-190, S07-005-102, W07-008-633, 634, 677
S07-009-168, 176, 267, 266

2. I07-061-67, W07-009-344

Possible hold time issues with B1NX55 & B1N3N1, sampled on 9/25
quotes 76780, 76775, 76781, 76408, 75891, 75995, 76400 SL 09.25.07

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: 10-01-07

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# ST12

FLUOR HANFORD SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **S07-009-269**

Page 1 of 1

Collector Josh Herrick, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV. SEPTEMBER 2007	Logbook: HNF N-506-9	**Ice Chest No.** ERC-02-803 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 790344887660
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
B1PK61		W	9/25/07	0824	1x20-mL P	Activity Scan	None
B1PK61		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

K. Wall 9/25/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick, Fluor Hanford	J. Herrick		SEP 25 2007 1430	FEDEX			
FEDEX			9-26-07 09:15				9/26/07 0915

Matrix *

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

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

TestAmerica St. Louis

07 0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790344887660	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status	Delivered
Signature image available	Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:06 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:01 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
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Lot #(s): FTI260253- 265- 269- 278- FTI260283 285

Condition Upon Receipt Form

Client: Hanford
Quote No: 76983, 76781, 76400, 75894, 76407, 76404
COC/RFA No: See below
Initiated By: bo
Date: 9/26/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7908 3608 0902
2. 7903 4488 7660
3. 7903 4491 7266
4. 7917 7047 1432
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N
Sample Temperature (s):**
1. * 12°
2. 3
3. 3
4. 5
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. X07-025-2,20,26,28 * temp blank placed under ice, 12° is cooler temp

2. I07-062-148, I07-043-80, W07-008-235, 3XLH for BINHCl broken
S07-009-269
2 for TPH diesel & 1 for Kerosene

3. W07-006-595, 683

4. I07-061-87

All vials for BIPLBS have larger than pea size headspace
Possible hold times with X07-025-2,20,26,28 anions

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-02-07

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.

ck 364

FLUOR HANFORD

52712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-061-87

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-061	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1-LOI, AUGUST 2007	HNF-N-506-7	Ice Chest No.: SML-438 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7917 7047 1632
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
B1P5M2 (F)		W	9-25-07	0944	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5M2 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1P5M2 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1P5M2 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1P5M3		W			1x20-mL P	Activity Scan	None
B1P5M3		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1P5M3		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P5M3		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1P5M3		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C
B1P5M3		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P5M3		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5M3		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5M3		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
Dave Williamson, Fluor Hanford	Dave Williamson	SEP 25 2007 1400	FedEX		
FedEx		9-26-07 09:15	B-[illegible]		9/26/07 0915

Matrix *

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

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

TestAmerica St. Louis

0864

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791770471632	**Reference**	SML-438
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	68.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:08 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:04 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:37 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTI260253- FTI260283
265- 285
269-
278-

Condition Upon Receipt Form

Client: Hanford
Quote No: 76983, 76781, 76400, 75894, 76407, 76404
COC/RFA No: See below
Initiated By: bb
Date: 9/26/07
Time: 0945

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7908 3608 0902	6.		
2. 7903 4488 7660	7.		
3. 7903 4491 7266	8.		
4. 7917 7047 1432	9.		
5.	10.		

Sample Temperature(s):**

1. * 12°	6.
2. 3	7.
3. 3	8.
4. 5	9.
5.	10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. X07-025-2,20,26,28 * temp blank placed under ice, 12° is cooler temp

2. I07-062-148, I07-043-80, W07-008-235. 3XLG for BINHCl broken

2 for TPH diesel & 1 for Kerosene

3. W07-008-595, 683

4. I07-061-87

All vials for BIPLBS have larger than pea size headspace

Possible hold times with X07-025-2,20,26,28 anions

Corrective Action:

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

Project Management Review: Michael [signature] Date: 10-02-07

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.

FLUOR HANFORD SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-043-80

Page 1 of 1

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I07-043	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2UP1-LOI MAY 2007	Logbook: HNF-N-506-9	Ice Chest No.: ERC-02-803 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903448876 60
Protocol: SURV	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NHC0 (F)		W	9/25/07	0952	1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1NHC0 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1NHC1		W			1x20-mL P	Activity Scan	None
B1NHC1		W			3x1000-mL aG	8270_SVOA_GCMS: List-1 + Cresol (14)	Cool~4C
B1NHC1		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1NHC1		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1NHC1		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1NHC1		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool~4C
B1NHC1		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1NHC1		W			4x40-mL aGs*	TPH-Gasoline Range - WTPH-G	HCl to pH <2 Cool~4C
B1NHC1		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1NHC1		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1NHC1		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Josh Herrick, Fluor Hanford	SEP 25 2007 1430	FEDEX	
FedEx	9-26-07 09:15	B-D	9/26/07 0915

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790344887660	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:06 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:01 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTI260253- FTI260283
265- 285
269-
278-

Condition Upon Receipt Form

Client: Hanford
Quote No: 76983, 76781, 76400, 75894, 76407, 76404
COC/RFA No: See below
Initiated By: bb
Date: 9/26/07
Time: 0915

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7903 3608 0902	6.		
2. 7903 4488 7660	7.		
3. 7903 4491 7266	8.		
4. 7917 7047 1432	9.		
5.	10.		

Sample Temperature (s):**

1. * 12°	6.
2. 3	7.
3. 3	8.
4. 5	9.
5.	10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. X07-025-2,20,26,28 * temp blank placed under ice, 12° is cooler temp

2. I07-062-148, I07-043-80, W07-008-235. 3xLh for BINHCl broken

2 for TPH diesel & 1 for Kerosene

3. W07-008-595, 683

4. I07-061-87

All vials for BIPLBS have larger than pea size headspace

Possible hold times with X07-025-2,20,26,28 anions

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

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

Project Management Review: Date: 10-02-07

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

SDG# STL 2

FLUOR HANFORD SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-062-148**

Page 1 of 1

Collector Josh Herrick, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1-LOL AUGUST 2007	Logbook: HNF-N-506-9	**Ice Chest No.** ~~600~~ ERC-02-803 (RW 9/25/07) **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 790344887660
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
B1P6B5		W	9/25/07	0824	1x20-mL P	Activity Scan	None
B1P6B5		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wood 9/25/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Josh Herrick Fluor Hanford			SEP 25 2007 1430	FEDEX			
FEDEX			9-26-07 09:15				9/26/07 09:15

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790344887660	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:06 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:01 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

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Add personal message:

Not available for Wireless or non-English characters.

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

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Lot #(s): FTI260253- FTI260283
265- 285
269-
278-

Condition Upon Receipt Form

Client: Hanford
Quote No: 76983, 76781, 76400, 75894, 76407, 76404
COC/RFA No: See below
Initiated By: GO
Date: 9/26/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7908 3608 0902
2. 7903 4488 7660
3. 7903 4491 7266
4. 7917 7047 1432
5.
6.
7.
8.
9.
10.

Multiple Packages (Y) N
Sample Temperature (s):**
1. * 12°
2. 3
3. 3
4. 5
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. X07-025-2,20,26,28 * temp blank placed under ice, 12° is cooler temp

2. I07-062-148, I07-043-80, W07-008-235. 3XLG for BINHCl broken

2 for TPH diesel & 1 for Kerosene

3. W07-008-595, 683

4. I07-061-87

All vials for BIPGBS have larger than pea size headspace

Possible hold times with X07-025-2,20,26,28 anions

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10/02/07

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# ST42 5L712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-235**

Page 1 of 1

Collector F.M. HALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007		**Ice Chest No.** FRC-02-803 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903448876 60
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
B1P8V1 (F)		W	9/25/07	1003	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8V2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F.M. HALL			SEP 25 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			9-26-07 09:15				9/26/07 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

9 0 3 6 4

SDG# SL712

FLUOR HANFORD 5L712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-008-595**

Page 1 of 1

Collector Roy Shepard ~~Fluor Hanford~~	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 10	**Ice Chest No.** GW1 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7903449172 66
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
B1P940 (F)		W	9-25-07	1023	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P940 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P941		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P941		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P941		W			1x20-mL P	Activity Scan	None
B1P941		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
Roy Shepard Fluor Hanford			SEP 2 5 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-26-07 09:15				9/26/07 09:15
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

00 0364

SDG# SL712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-683

Page 1 of 1

Collector: Roy Shepard, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506 10	Ice Chest No.: GW 1 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903449172 66
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
B1P8K6		W	9-25-07	0907	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
B1P8K6		W	↓	↓	1x20-mL P	Activity Scan	None
B1P8K6		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P8K6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Roy Shepard, Fluor Hanford			SEP 2 5 2007 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-26-07 09:15	B. [illegible]			9/26/07 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St Louis

SDG 0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790344887660	**Reference**	ERC-02-803
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	84.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:06 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:01 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:23 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

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Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790344917266	**Reference**	GW-1
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 25, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 26, 2007 9:08 AM	**Service type**	Priority Overnight
		Weight	35.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 26, 2007	9:08 AM	**Delivered**	Earth City, MO	
	7:18 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:12 AM	At local FedEx facility	EARTH CITY, MO	
	5:16 AM	At dest sort facility	BERKELEY, MO	
	4:45 AM	Departed FedEx location	MEMPHIS, TN	
	1:07 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 25, 2007	5:26 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	3:36 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTF260253- FTF260283
265- 285
269-
278-

- 364 -

Condition Upon Receipt Form

Client: Hanford
Quote No: 76983, 76781, 76400, 75894, 76407, 76404
COC/RFA No: See below
Initiated By: bo
Date: 9/26/07
Time: 0915

Shipping Information

Shipper Name: FE
Shipping # (s):*

1. 7908 3608 0902
2. 7903 4488 7660
3. 7903 4491 7266
4. 7917 7047 1432
5.
6.
7.
8.
9.
10.

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

1. * 12°
2. 3
3. 3
4. 5
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 1. X07-025-2,20,26,28 * temp blank placed under ice, 12° is cooler temp

2. I07-062-148, I07-043-80, W07-008-235. 3xLh for BINHCl broken

2 for TPH diesel & 1 for Kerosene

3. W07-008-595, 683

4. I07-061-87

All vials for BIPLBS have larger than pea size headspace

Possible hold times with X07-025-2,20,26,28 anions

Corrective Action:

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

Project Management Review: Date: 10-02-07

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# SL712

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-061-97

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-061	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 99-057
Project Title: 2UP1-LOL AUGUST 2007	HNF-N-506-7	Ice Chest No.: ERC-07-707 Temp.: 9-26-07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7991 9417 9887
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
B1P5M9 (F)		W	9-26-07	1322	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5M9 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1P5M9 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1P5M9 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1P5N0		W			1x20-mL P	Activity Scan	None
B1P5N0		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1P5N0		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P5N0		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1P5N0		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C
B1P5N0		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P5N0		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5N0		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5N0		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
Dave Williamson, Fluor Hanford	SEP 26 2007 1400	FedEx	
Relinquished By	Date/Time	Received By	Date/Time
	9-27-07 09:30	Angela Brown	9-27-07 9:30
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG# SL712

FLUOR HANFORD SL712

Dave Williamson

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-061-77**

Page 1 of 1

Collector: Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-061	Sampling Origin: Hanford Site	Purchase Order/Charge Code: ~~99-097~~ ERC-02-101
Project Title: 2UP1-LOI, AUGUST 2007	HNF-N-506-7	Ice Chest No.: ~~ERC-02-101~~ Temp. 2-26-07
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 4611 9340
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
B1P5L5 (F)		W	9-26-07	1131	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5L5 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1P5L5 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-1 + Lithium (20)	HNO3 to pH <2
B1P5L5 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1P5L6		W			1x20-mL P	Activity Scan	None
B1P5L6		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26); VOA - 8260 (Add-On)	HCl or H2SO4 to pH <2 Cool~4C
B1P5L6		W			1x500-mL G/P	350.1_AMMONIA: Ammonia (1)	H2SO4 to pH <2 Cool~4C
B1P5L6		W			3x500-mL G/P	9030_SULFIDE: Sulfide (1)	ZnAc+NaOH to pH >9 Cool~4C
B1P5L6		W			1x500-mL aG	420.2_PHENOL: Phenol total(1)	H2SO4 to pH <2 Cool~4C
B1P5L6		W			1x250-mL aGs*	9060_TOC: TOC (1)	HCl or H2SO4 to pH <2 Cool~4C
B1P5L6		W			3x1000-mL aG	TPH-Diesel Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5L6		W			3x1000-mL aG	TPH-Kerosene Range - WTPH-D	HCl to pH <2 Cool~4C
B1P5L6		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	Dave Williamson	Dave Williamson	SEP 26 2007 1400	FedEX			
FedEx			9-27-07 09:30	Angela Buoon			9-27-07 9:30

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799194179887	**Reference**	ERC-99--57
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 26, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 27, 2007 9:35 AM	**Service type**	Priority Overnight
		Weight	74.0 lbs.

Status	Delivered
Signature image available	Yes

Date/Time		Activity	Location	Details
Sep 27, 2007	9:35 AM	**Delivered**	Earth City, MO	
	7:03 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:57 AM	At local FedEx facility	EARTH CITY, MO	
	6:13 AM	At dest sort facility	BERKELEY, MO	
	4:00 AM	Departed FedEx location	MEMPHIS, TN	
Sep 26, 2007	5:36 PM	Left origin	PASCO, WA	
	4:27 PM	Package data transmitted to FedEx		
	3:38 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790346119340	**Reference**	ERC-02-101
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 26, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 27, 2007 9:35 AM	**Service type**	Priority Overnight
		Weight	79.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Sep 27, 2007	9:35 AM	**Delivered**	Earth City, MO	
	7:03 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:57 AM	At local FedEx facility	EARTH CITY, MO	
	6:13 AM	At dest sort facility	BERKELEY, MO	
	4:00 AM	Departed FedEx location	MEMPHIS, TN	
Sep 26, 2007	5:36 PM	Left origin	PASCO, WA	
	4:26 PM	Package data transmitted to FedEx		
	3:38 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica St. Louis

Lot #(s): MI270224
237
240
260419

- 419 -

Condition Upon Receipt Form

Client: FluorHanford COC/RFA No: See Below Date: 9-27-07
Quote No: 76400, 76941, 76775 Initiated By: MB Time: 9:30

Shipping Information

Shipper Name: FE

Multiple Packages (Y) N

Shipping # (s):*
1. 7925 7081 1779
2. 7903 4611 9340
3. 7991 9417 9887
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC - V07-048
S07-009
W07-009
I07-061-97, -77
JW
10-30-07

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10.02.07

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# SL712

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # S07-009-270
SL712		Page 1 of 1

Collector Kevin Patterson, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV. SEPTEMBER 2007	Logbook: HNF-N-506-9	**Ice Chest No.** 6W0-0640 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7925 7021 1779
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
B1PK62		W	9/26/07	0945	1x20-mL P	Activity Scan	None
B1PK62		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

R. Wall 9/26/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Kevin Patterson, Fluor Hanford			SEP 26 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
9-27-07			09:30	Angela Brown			9-27-07 9:30
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	792570211779	**Reference**	GW0-06-10
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 26, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 27, 2007 9:35 AM	**Service type**	Priority Overnight
		Weight	40.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Sep 27, 2007	9:35 AM	**Delivered**	Earth City, MO	
	7:17 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:10 AM	At local FedEx facility	EARTH CITY, MO	
	6:13 AM	At dest sort facility	BERKELEY, MO	
	4:00 AM	Departed FedEx location	MEMPHIS, TN	
Sep 26, 2007	5:36 PM	Left origin	PASCO, WA	
	4:00 PM	Package data transmitted to FedEx		
	3:38 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
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Lot #(s): MI270224 TestAmerica St. Louis
237
240
260119

- 419 -

Condition Upon Receipt Form

Client: FluorHanford COC/RFA No: SeeBelow Date: 9-27-07
Quote No: 76400, 76441 Initiated By: AB Time: 9:30
76775

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*

1. 7985 7081 1779	6.		
2. 7903 4611 9340	7.		
3. 7991 9417 9887	8.		
4.	9.		
5.	10.		

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC - X07-048
S07-009-270
W07-009
I07-061

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Michael Date: 10-02-07

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.

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-009-314**

Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, SEPTEMBER 2007	HNF-N-506-7	Ice Chest No.: ERC-02-104 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7991 9417 9887
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
B1PJV9 (F)		W	9-26-07	1322	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1PJW0		W	↓	↓	1x20-mL P	Activity Scan	None
B1PJW0		W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson		SEP 26 2007 1400	FedEX			
Relinquished By			Date/Time	Received By			Date/Time
				Angela Buson			9-27-07 9:30
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799194179887	**Reference**	ERC-99--57
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 26, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 27, 2007 9:35 AM	**Service type**	Priority Overnight
		Weight	74.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 27, 2007	9:35 AM	**Delivered**	Earth City, MO	
	7:03 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:57 AM	At local FedEx facility	EARTH CITY, MO	
	6:13 AM	At dest sort facility	BERKELEY, MO	
	4:00 AM	Departed FedEx location	MEMPHIS, TN	
Sep 26, 2007	5:36 PM	Left origin	PASCO, WA	
	4:27 PM	Package data transmitted to FedEx		
	3:38 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): FTI270224 TestAmerica St. Louis
237
240
280119

Condition Upon Receipt Form

Client: FluorHanford COC/RFA No: See Below Date: 9-27-07
Quote No: 76400, 76791 Initiated By: AB Time: 9:30
76775

Shipping Information

Shipper Name: FE
Multiple Packages (Y) N

Shipping # (s):*
1. 7925 7021 1779
2. 7903 4611 9340
3. 7991 9417 9887
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC - X07-048
S07-009
W07-009-314
I07-061

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-02-07

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

ADMIN-0004, REVISED 08/06/07\\S\svr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

7103

SDG# STL 4 2

SL712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# **S07-009-271**

Page 1 of 1

Collector Fluor Hanford L. D. WALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** LW. 9/27/07
Project Title SURV, SEPTEMBER 2007	HNF-W-506 9 Pg 96	**Ice Chest No.** ~~SMT-125~~ **Temp** GRP-07-006
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913 9399 9917
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
B1PK63		W	9/27/07	1220	1x20-mL P	Activity Scan	None
B1PK63		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

DRW 9/27/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford		R.D. Wall	SEP 27 2007 1430	FEDEX			
Relinquished By L. D. WALL FEDEX			9-28-07 09:00	Received By			9/28/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

9 6 3 6 4

SDG# SL712

FLUOR HANFORD SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-061-153**

Page 1 of 1

Collector Fluor Hanford L. D. WALL	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-061	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** DW 9/27/07
Project Title 2UP1-LOI, AUGUST 2007	HNF-N-506 9 PY96	**Ice Chest No.** ~~SML-125~~ GRP-07-006 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913 9899 9917
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
B1P5T5		W	9/27/07	1220	1x20-mL P	Activity Scan	None
B1P5T5		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

DW 9/27/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL		L. D. Wall	SEP 27 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			9-28-07 0920	[illegible]			9/28/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

07 0864

FLUOR HANFORD

56712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-061-139**

Page 1 of 1

Collector: Fluor Hanford L. D. WALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-061	Sampling Origin: Hanford Site	Purchase Order/Charge Code:
Project Title: 2UP1-LOI, AUGUST 2007	HWF-W-506-9 Pg. 96	Ice Chest No.: ~~SMT-125~~ GRP-07-006 LW. 9/27/07 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913 9899 9917
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
B1P5R8		W	9/27/07	1341	1x20-mL P	Activity Scan	None
B1P5R8		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (55)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford L. D. WALL	L. D. Wall	SEP 27 2007 1430	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-28-07 0900	B. [illegible]			9/28/07 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# SL712

TestAmerica St. Louis

0803064

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791398999917	**Reference**	GRP-07-006
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Sep 27, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 28, 2007 9:04 AM	**Service type**	Priority Overnight
		Weight	9.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 28, 2007	9:04 AM	**Delivered**	Earth City, MO	
	6:44 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:39 AM	At local FedEx facility	EARTH CITY, MO	
	5:36 AM	At dest sort facility	BERKELEY, MO	
	4:39 AM	Departed FedEx location	MEMPHIS, TN	
	12:52 AM	Arrived at FedEx location	MEMPHIS, TN	
Sep 27, 2007	5:44 PM	Left origin	PASCO, WA	
	4:40 PM	Package data transmitted to FedEx		
	3:59 PM	Picked up	PASCO, WA	

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7I280230

TestAmerica St. Louis

Condition Upon Receipt Form

Client: Hanford COC/RFA No: I07-061-139, 153 S07-009-271 Date: 9/28/07

Quote No: 76781 Initiated By: bd Time: 0900

Shipping Information

Shipper Name: FE

Multiple Packages Y (N)

Shipping # (s):*

1. 7913 9899 9917
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

S07-009-271
I07-061-153
I07-061-139

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: 10-02-07

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# 51712

FLUOR HANFORD 51712	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W07-009-350 Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, SEPTEMBER 2007	HNF-N-506 10	Ice Chest No.: 06-3 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7913999957229
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
B1PJ21		W	9-28-07	1104	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ22		W	↓	↓	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ23		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ24		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool~4C
B1PJ27		W			1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	SEP 28 2007 1400	FED EX	
FEDEX	9-29-07 0900		9/29/07 0900

Matrix *

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

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

TestAmerica St. Louis

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791399957229	**Reference**	06-3
Signed for by	A.BRUSON	**Destination**	Earth City, MO
Ship date	Sep 28, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 29, 2007 8:51 AM	**Service type**	Priority Overnight
		Weight	45.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 29, 2007	8:51 AM	**Delivered**	Earth City, MO	
	7:22 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:17 AM	At local FedEx facility	EARTH CITY, MO	
	5:55 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Sep 28, 2007	10:21 PM	Arrived at FedEx location	OAKLAND, CA	
	5:19 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:57 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica St. Louis

Lot #(s): F-7I290 (105) 106 107 108

Condition Upon Receipt Form

Client: Hanford COC/RFA No: See below Date: 9/29/07

Quote No: 76475, 76481, 76407 Initiated By: KO Time: 0900

Shipping Information

Shipper Name: FE

Multiple Packages Y (N)

Shipping # (s):*

1. 7913 9995 7229
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. Rec'd in Temp
2. ~
3. 10-30-07
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: W07-008-691, 692, I07-062-308, S07-009-272, W07-09-350

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: 10-02-07

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 # SL712

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-272

Collector Steve Overdahl, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	HWF-N-506 10	**Ice Chest No.** 06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 791399957229
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
B1PV97		W	9-28-07	1300	1x20-mL P	Activity Scan	None
B1PV97		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			SEP 28 2007 1400	FED EX			
FED EX			9.29.07 09:00				9/29/07 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

TestAmerica St. Louis

104 of 364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791399957229	**Reference**	06-3
Signed for by	A.BRUSON	**Destination**	Earth City, MO
Ship date	Sep 28, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 29, 2007 8:51 AM	**Service type**	Priority Overnight
		Weight	45.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Sep 29, 2007	8:51 AM	**Delivered**	Earth City, MO	
	7:22 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:17 AM	At local FedEx facility	EARTH CITY, MO	
	5:55 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Sep 28, 2007	10:21 PM	Arrived at FedEx location	OAKLAND, CA	
	5:19 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:57 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F-TI290105
106
107
108

Condition Upon Receipt Form

Client: Hanford
Quote No: 76475, 76481, 76407
COC/RFA No: See below
Initiated By: AD
Date: 9/29/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7913 9995 7229
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. Rec'd in Temp.
2. JM 10-30-07
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: W07-008-691, 692, I07-062-308, S07-009-272, W07-009-350

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: 10-02-07

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# SL712

FLUOR HANFORD

52712

Steve Overdahl

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-062-308**

Page 1 of 1

Collector Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-062	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 2ZP1-LOI, AUGUST 2007	HMF-N-506 10	**Ice Chest No.** 06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913999957229
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
B1P5Y7		W	9-28-07	1300	1x20-mL P	Activity Scan	None
B1P5Y7		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl Fluor Hanford			SEP 28 2007				
Relinquished By: RDE			9-29-07 09:00	Received By: B-A			9/29/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

I07 05 364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	791399957229	**Reference**	06-3
Signed for by	A.BRUSON	**Destination**	Earth City, MO
Ship date	Sep 28, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 29, 2007 8:51 AM	**Service type**	Priority Overnight
		Weight	45.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Sep 29, 2007	8:51 AM	**Delivered**	Earth City, MO	
	7:22 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:17 AM	At local FedEx facility	EARTH CITY, MO	
	5:55 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Sep 28, 2007	10:21 PM	Arrived at FedEx location	OAKLAND, CA	
	5:19 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:57 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F-TI290105, 106, 107, 108

Condition Upon Receipt Form

Client: Hanford
Quote No: 76775, 76781, 76407
COC/RFA No: See below
Initiated By: BD
Date: 9/29/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7913 9995 7229
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. Rec'd in Temp
2. SW 10-30-07
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: W07-008-691, 692, I07-062-308, S07-009-272, W07-009-350

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: 10-02-07

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.

FLUOR HANFORD

5L712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-691

Collector Steve Overdahl Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 10	**Ice Chest No.** 06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7913999957229
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
B1P8V6 (F)		W	9-28-07	1300	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8V7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl Fluor Hanford			SEP 28 2007 1400	FED EX			
FED EX			9-29-07 09:00				9/29/07 0980

Matrix *

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

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

TestAmerica St. Louis

SDG# 5L712

110 of 364

SDG# SL712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-692

Page 1 of 1

Collector Steve Overdahl, Fluor Hanford	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. W07-008	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, AUGUST 2007	HNF-N-506 10	**Ice Chest No.** 06-3 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 791399957229
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
B1P8W0 (F)		W	9-28-06	1300	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P8W1		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Steve Overdahl, Fluor Hanford			SEP 28 2007 1900	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FED EX			9-29-07 09:00	B-Dil			9/29/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

1110 03 364

Track Shipments/FedEx Kinko's Orders

Quick Help

Detailed Results

Tracking number	791399957229	**Reference**	06-3
Signed for by	A.BRUSON	**Destination**	Earth City, MO
Ship date	Sep 28, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Sep 29, 2007 8:51 AM	**Service type**	Priority Overnight
		Weight	45.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Sep 29, 2007	8:51 AM	**Delivered**	Earth City, MO	
	7:22 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:17 AM	At local FedEx facility	EARTH CITY, MO	
	5:55 AM	At dest sort facility	BERKELEY, MO	
	4:21 AM	Departed FedEx location	MEMPHIS, TN	
Sep 28, 2007	10:21 PM	Arrived at FedEx location	OAKLAND, CA	
	5:19 PM	Left origin	PASCO, WA	
	4:04 PM	Picked up	PASCO, WA	
	3:57 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

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Lot #(s): F-TI290105, 106, 107, 108

Condition Upon Receipt Form

Client: Hanford
Quote No: 76275, 76281, 76407
COC/RFA No: See below
Initiated By: SO
Date: 9/29/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7913 9995 7229
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. Rec'd in Temp.
2. JW
3. 10-30-07
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: W07-008-691, 692, I07-042-308, S07-009-272, W07-009-350

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: 10-02-07

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.

FLUOR HANFORD

5L712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-008-51

Collector: Josh Herrick, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: W07-008	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, AUGUST 2007	HNF-N-506-7	Ice Chest No.: 104 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799196518640
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
B1P9B5 (F)		W	9-30-07	1313	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1P9B6		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
Josh Herrick, Fluor Hanford		OCT 0 1 2007 1430	FEd EX		
FEDEX		10-02-07 09:00			10/2/07 09:00

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

TestAmerica St. Louis

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Package/Envelope | Freight | Expedited | Office/Print Services

Ship | Track | Manage | Business Solutions

Track Shipments/FedEx Kinko's Orders

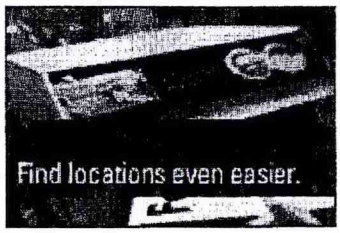
Printable Version Quick Help

Detailed Results

Tracking number	799196518640	**Reference**	104
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 1, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 2, 2007 9:03 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login



Date/Time		Activity	Location	Details
Oct 2, 2007	9:03 AM	**Delivered**	Earth City, MO	
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:19 AM	At local FedEx facility	EARTH CITY, MO	
	5:51 AM	At dest sort facility	BERKELEY, MO	
	4:33 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 1, 2007	5:33 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	2:08 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

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Lot #(s): F7J020140
161
165
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 74680, 75634, 76781, 76407
COC/RFA No: See below
Initiated By: BD
Date: 10/2/07
Time: 0900

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1. 7991 9651 8640	6.		
2.	7.		
3.	8.		
4.	9.		
5.	10.		

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

I07-062-132, 300, 507-009-273, 274, 507-006-434, W07-008-51

Sample B1PV98 has no sample time on COC. Logged 1332 per sample label.

Same as above with sample B1P5Y3

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: 10-03-07

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 # 52712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-006-434

Collector: Steve Overdahl, Fluor Hanford	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 10	Ice Chest No.: 104 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799196518640
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
B1NK69 (F)		W	9-30-07	0855	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1NK70		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By: Steve Overdahl, Fluor Hanford (Print / Sign)	Date/Time: 1400 OCT 01 2007	Received By: FED EX (Print / Sign)	Date/Time
Relinquished By: FedEx	Date/Time: 10-02-07 09:00	Received By: B_	Date/Time: 10/2/07 0900
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

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

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

TestAmerica St. Louis

1707 03364

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Package/Envelope | Freight | Expedited | Office/Print Services

Ship | Track | Manage | Business Solutions

Track Shipments/FedEx Kinko's Orders

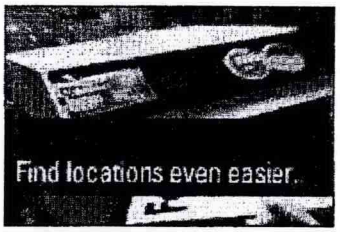
Detailed Results

Printable Version Quick Help

Tracking number	799196518640	**Reference**	104
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 1, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 2, 2007 9:03 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login



Date/Time		Activity	Location	Details
Oct 2, 2007	9:03 AM	**Delivered**	Earth City, MO	
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:19 AM	At local FedEx facility	EARTH CITY, MO	
	5:51 AM	At dest sort facility	BERKELEY, MO	
	4:33 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 1, 2007	5:33 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	2:08 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J020140
161
165
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 74408, 75434, 74781, 74407
COC/RFA No: See below
Initiated By: BD
Date: 10/2/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7991 9651 8640
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

I07-062-132, 300, S07-009-273, 274, S07-006-434, W07-008-51

Sample B1PV98 has no sample time on COC. Logged 0332 per sample label.

Same as above with sample B1P5Y3

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: 10-03-07

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.

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-273

Page 1 of 1

Collector F. H. Hall, Fluor Hanford Inc	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. S07-009	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title SURV, SEPTEMBER 2007	HNFN-506-11	**Ice Chest No.** 104 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7991659864D
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 SDG7s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PV98		W	9/30/07	1532	1x20-mL P	Activity Scan	None
B1PV98		W	↓	80	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C
				10/2			

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. H. Hall, Fluor Hanford Inc			OCT 0 1 2007 1430	FED EX			
FEDEX			10-02-07 09:00	B-A			10/2/07 0900

Matrix *

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

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

TestAmerica St. Louis

SDG# 0713

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FLUOR HANFORD
SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-274

Page 1 of 1

Collector L.D. WALL	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. S07-009	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title SURV, SEPTEMBER 2007	HNF-N-506-10	Ice Chest No. Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7991 9651 8640
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
B1PV99		W	10/1/07	1057	1x20-mL P	Activity Scan	None
B1PV99		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

L.D. Wall 10/1/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
L.D. WALL		L.D. Wall	OCT 0 1 2007 1430	FEDEX			
FedEx			10-02-07 09:00				10/2/07 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

TestAmerica St. Louis

SDG# SF1 2

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FedEx

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Package/Envelope | Freight | Expedited | Office/Print Services

Ship | Track | Manage | Business Solutions

Track Shipments/FedEx Kinko's Orders

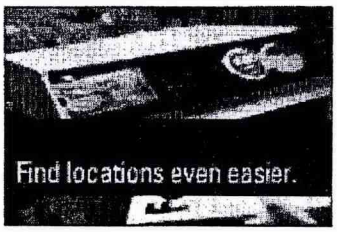
Detailed Results

Printable Version Quick Help

Tracking number	799196518640	**Reference**	104
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 1, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 2, 2007 9:03 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login



Date/Time		Activity	Location	Details
Oct 2, 2007	9:03 AM	**Delivered**	Earth City, MO	
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:19 AM	At local FedEx facility	EARTH CITY, MO	
	5:51 AM	At dest sort facility	BERKELEY, MO	
	4:33 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 1, 2007	5:33 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	2:08 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J020140
161
165
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 76080, 75434, 76781, 76497
COC/RFA No: See below
Initiated By: BD
Date: 10/2/07
Time: 0900

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1. 7991 9651 8640	6.	1. 2	6.
2.	7.	2.	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	Are there custody seals present on the cooler?	8.	(Y) N	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y (N) N/A	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

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

Notes:

I07-062-132, 300, S07-009-273, 274, S07-006-434, W07-008-51

Sample 81PV98 has no sample time on COC. Logged 1332 per sample label.

Same as above with sample 81P5Y3.

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: 10-03-07

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# SL712

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-300

Page 1 of 1

Collector: F. H. Hall, Fluor Hanford Inc	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOL AUGUST 2007	HNF-N-502 11	Ice Chest No.: 104 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799196518640
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
B1P5Y3		W	9/30/07	1332	1x20-mL P	Activity Scan	None
B1P5Y3		W	↓		4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool-4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
F. H. Hall, Fluor Hanford Inc			OCT 01 2007 1430	FED EX			
FED EX			10-02-07 09:00				10/2 80 10/2/07 0900

Matrix *

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

124 OF 364

TestAmerica St. Louis

SDG# SL712

FLUOR HANFORD

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-062-132

Page 1 of 1

Collector: L.D. WALL	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: 107-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOL AUGUST 2007	HNF-N-506-10	Ice Chest No. Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7991 9658 8640
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
B1P695		W	10/1/07	1057	1x20-mL P	Activity Scan	None
B1P695		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

L.D. Wall 10/1/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
L.D. WALL	L.D. Wall		OCT 01 2007 1430	FEDEX			
Relinquished By			Date/Time	Received By			Date/Time
FEDEX			10-02-07 09:00	[illegible]			10/2/07 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

TestAmerica St. Louis

SDG 0 5 0 3 6 4

Español | Customer Support | FedEx Locations Search Go

Package/Envelope | Freight | Expedited | Office/Print Services

Ship | Track | Manage | Business Solutions

Track Shipments/FedEx Kinko's Orders

Detailed Results

Printable Version Quick Help

Tracking number	799196518640	**Reference**	104
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 1, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 2, 2007 9:03 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Wrong Address?
Reduce future mistakes by using FedEx Address Checker.

Tracking a FedEx SmartPost Shipment?
Go to shipper login

Date/Time		Activity	Location	Details
Oct 2, 2007	9:03 AM	**Delivered**	Earth City, MO	
	7:26 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	7:19 AM	At local FedEx facility	EARTH CITY, MO	
	5:51 AM	At dest sort facility	BERKELEY, MO	
	4:33 AM	Departed FedEx location	MEMPHIS, TN	
	12:44 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 1, 2007	5:33 PM	Left origin	PASCO, WA	
	4:15 PM	Picked up	PASCO, WA	
	2:08 PM	Package data transmitted to FedEx		

Signature proof E-mail results Track more shipments/orders

Subscribe to tracking updates (optional)

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

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

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J020140
161
165
168

Condition Upon Receipt Form

Client: Hanford
Quote No: 74680, 75434, 74781, 74907
COC/RFA No: See below
Initiated By: BD
Date: 10/2/07
Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7991 9651 8640
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

I07-062-132, 300, S07-009-273, 274, S07-006-434, W07-008-51

Sample 81PV98 has no sample time on COC. Logged 1332 per sample label.

Same as above with sample 81P5Y3

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-03-07

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

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

SDG# 76407 SL 52712

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-062-286**

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-062	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 2ZP1-LOL AUGUST 2007	HWF-W-506-5 Pg 39	Ice Chest No.: ERC-99-007 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 5021 8122
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
B1P5X2 (F)		W	10/2/07	0912	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1P5X3		W	↓	↓	1x20-mL P	Activity Scan	None
B1P5X3		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		OCT 0 2 2007 1430	FedEx			OCT 0 2 2007
FEDEX			10-03-07 08:45	Angelo Buson			10-3-07 8:45

Matrix *

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

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

TestAmerica St. Louis

158 of 164

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790350218122	**Reference**	ERC-99-003
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 3, 2007 8:41 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Oct 3, 2007	8:41 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	
	5:31 AM	At dest sort facility	BERKELEY, MO	
	4:56 AM	Departed FedEx location	MEMPHIS, TN	
	1:17 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 2, 2007	8:25 PM	Shipment exception	SPOKANE, WA	Delay beyond our control
	5:15 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	
	2:26 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica St. Louis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J030129
130
132

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 10-3-07
Quote No: 76407, 75891, 76781 Initiated By: MB Time: 8:45

Shipping Information

Shipper Name: FE

Shipping # (s):*
1. 7908 5021 8102
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y N

Sample Temperature (s):**
1. 2
2.
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*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC - S07-005
F07-062 - 286
S07-009

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-03-07

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# 5E7 12 CWA 498 AB 499 10-3-07 73891

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-005-124

Page 1 of 1

Contact Kevin Patterson Fluor Hanford	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
AF No. S07-005	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title SURV, MAY 2007	HNF-N-506-7	Ice Chest No. Ice-99003 Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7103 5021 8122
Protocol SURV	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1N3N9		W	10-2-07	1143	1x20-mL P	Activity Scan	None
B1N3N9		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Kevin Patterson Fluor Hanford			OCT 02 2007 1400	FedEx			
FedEx			10-03-07 8:45	Angela Buson			10-3-07 8:45

Matrix *

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

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

TestAmerica St. Louis

1364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790350218122	**Reference**	ERC-99-003
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 3, 2007 8:41 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Oct 3, 2007	8:41 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	
	5:31 AM	At dest sort facility	BERKELEY, MO	
	4:56 AM	Departed FedEx location	MEMPHIS, TN	
	1:17 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 2, 2007	8:25 PM	Shipment exception	SPOKANE, WA	Delay beyond our control
	5:15 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	
	2:26 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J030129 (130) 132

TestAmerica St. Louis

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 10-3-07

Quote No: 76407, 75891, 76781 Initiated By: MB Time: 8:45

Shipping Information

Shipper Name: FE

Multiple Packages Y N

Shipping # (s):*

1. 1903 5021 8102
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

COC - S07-005-124
F07-062
S07-009

Corrective Action:

☐ Client Contact Name: Informed by:

☐ Sample(s) processed "as is"

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

Project Management Review: Date: 10-03-07

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

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

SDF#
FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S07-009-275

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: S07-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: SURV, SEPTEMBER 2007	HWF-W-506 S PA 39	Ice Chest No.: ERC.99.003 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7903 5021 8122
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
B1PVB0		W	10/2/07	0912	1x20-mL P	Activity Scan	None
B1PVB0		W	↓	↓	4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool~4C

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
	Fluor Hanford R. T. SICKLE	OCT 0 2 2007 1430		FedEx	OCT 0 2 2007
FED EX		10-03-07 8:45		Angela Brown	10-3-07 8:45

Matrix *

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

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

TestAmerica St. Louis

14 0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	790350218122	**Reference**	ERC-99-003
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 2, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 3, 2007 8:41 AM	**Service type**	Priority Overnight
		Weight	24.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Oct 3, 2007	8:41 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	
	5:31 AM	At dest sort facility	BERKELEY, MO	
	4:56 AM	Departed FedEx location	MEMPHIS, TN	
	1:17 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 2, 2007	8:25 PM	Shipment exception	SPOKANE, WA	Delay beyond our control
	5:15 PM	Left origin	PASCO, WA	
	4:12 PM	Picked up	PASCO, WA	
	2:26 PM	Package data transmitted to FedEx		

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J030129 TestAmerica St. Louis
130
132

Condition Upon Receipt Form

Client: Fluor Hanford COC/RFA No: See Below Date: 10-3-07
Quote No: 76407, 75891, 76781 Initiated By: MB Time: 8:45

Shipping Information

Shipper Name: FE
Multiple Packages Y N

Shipping # (s):*		Sample Temperature (s):**	
1. 7908 5021 8102	6.	1. 2	6.
2.	7.	2.	7.
3.	8.	3.	8.
4.	9.	4.	9.
5.	10.	5.	10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC - S07-005
F07-068
S07-009-275

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 10-3-07

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# SL712

FLUOR HANFORD CWR 5 file

SL712

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-066-35

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-066	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100NR2IAM-LOI SEPTEMBER 2007	HNF-N-506-5	Ice Chest No.: BIG-10 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799727930556
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
B1PDX1 (F)		W	10-3-07	0939	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1PDX2		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool~4C
B1PDX2		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	OCT 03 2007 1432	FedEx	
FEDEX	10-04-07 09:15	Angela Brunson	10-4-07 9:15

Matrix *

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

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

TestAmerica St. Louis

17 0364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799727930556	**Reference**	BIG-10
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 3, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 4, 2007 9:20 AM	**Service type**	Priority Overnight
		Weight	53.0 lbs.
Status	Delivered		
Signature image available	Yes		

Date/Time		Activity	Location	Details
Oct 4, 2007	9:20 AM	**Delivered**	Earth City, MO	
	7:46 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:47 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:26 AM	Departed FedEx location	MEMPHIS, TN	
	2:52 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 3, 2007	4:47 PM	Left origin	PASCO, WA	
	3:50 PM	Package data transmitted to FedEx		
	3:33 PM	Picked up	PASCO, WA	

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J040165
187

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 76720, 75890
COC/RFA No: See Below
Initiated By: AB
Date: 10-4-07
Time: 9:15

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 7997 2793 0556
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC-W07-005
I07-0660-35
~~W07~~ AB 10-4-07
W08-010

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: 10-06-07

SDG# 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.

PNNL

SDG# SL712

Cwk 594

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-005-366

Page 1 of 1

Collector: Steve Overdahl, Fluor Hanford	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
AF No.: W07-005	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, MAY 2007	HNF-N-506-5	Ice Chest No.: BIG-10 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7997 2793 0556
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1N563 (F)		W	10-3-07	1040	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1N564		W	↓	↓	1x20-mL P	Activity Scan	None
B1N564		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Steve Overdahl, Fluor Hanford	OCT 03 2007 1430	Fedex	
RD Ex	10-04-07 09:15	Angela Burson	10-4-07 9:15

Matrix *

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

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

TestAmerica St. Louis

10 09364

Track Shipments/FedEx Kinko's Orders

Detailed Results

Quick Help

Tracking number	799727930556	**Reference**	BIG-10
Signed for by	B.DANIELS	**Destination**	Earth City, MO
Ship date	Oct 3, 2007	**Delivered to**	Shipping/Receiving
Delivery date	Oct 4, 2007 9:20 AM	**Service type**	Priority Overnight
		Weight	53.0 lbs.

Status Delivered

Signature image available Yes

Date/Time		Activity	Location	Details
Oct 4, 2007	9:20 AM	**Delivered**	Earth City, MO	
	7:46 AM	On FedEx vehicle for delivery	EARTH CITY, MO	
	6:47 AM	At local FedEx facility	EARTH CITY, MO	
	5:37 AM	At dest sort facility	BERKELEY, MO	
	4:26 AM	Departed FedEx location	MEMPHIS, TN	
	2:52 AM	Arrived at FedEx location	MEMPHIS, TN	
Oct 3, 2007	4:47 PM	Left origin	PASCO, WA	
	3:50 PM	Package data transmitted to FedEx		
	3:33 PM	Picked up	PASCO, WA	

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

Subscribe to tracking updates (optional)

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

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

Select format: ◉ HTML ○ Text ○ Wireless

Add personal message:

Not available for Wireless or non-English characters.

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

Submit

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7J040165
187

- 596 -

Condition Upon Receipt Form

Client: Fluor Hanford
Quote No: 7670, 75890

COC/RFA No: See Below
Initiated By: AB

Date: 10-4-07
Time: 9:15

Shipping Information

Shipper Name: FE

Multiple Packages Y (N)

Shipping # (s):*
1. 7997 2793 0556
2.
3.
4.
5.
6.
7.
8.
9.
10.

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:
COC-W07-005-366
I07-0166
W07-AB 10-4-07
W08-010

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: 10-06-07

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: B1P5K9

GC/MS Volatiles

Lot-Sample #...: F7I250206-002 **Work Order #...:** J7K341AF **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.56 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**5.8**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	96	(74 - 134)
1,2-Dichloroethane-d4	97	(72 - 128)
4-Bromofluorobenzene	91	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5K9

GC/MS Volatiles

Lot-Sample #: F7I250206-002 **Work Order #:** J7K341AF **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: B1P886

GC/MS Volatiles

Lot-Sample #...: F7I250214-001 **Work Order #...:** J7K6T1AC **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

Fluor Hanford Inc

B1P886

GC/MS Volatiles

Lot-Sample #: F7I250214-001 **Work Order #:** J7K6T1AC **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: B1P887

GC/MS Volatiles

Lot-Sample #...: F7I250214-002 **Work Order #...:** J7K691AC **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	95	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1P887

GC/MS Volatiles

Lot-Sample #: F7I250214-002 **Work Order #:** J7K691AC **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: B1P974

GC/MS Volatiles

Lot-Sample #...: F7I250214-008 **Work Order #...:** J7K8M1AC **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.14 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.53 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.36 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	91	(74 - 134)
1,2-Dichloroethane-d4	97	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P974

GC/MS Volatiles

Lot-Sample #: F7I250214-008 **Work Order #:** J7K8M1AC **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: B1PK59

GC/MS Volatiles

Lot-Sample #...: F7I250228-005 **Work Order #...:** J7LFD1AC **Matrix.....:** WATER
Date Sampled...: 09/23/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
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	**2.4 B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1PK59

GC/MS Volatiles

Lot-Sample #: F7I250228-005 **Work Order #:** J7LFD1AC **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: B1PK60

GC/MS Volatiles

Lot-Sample #...: F7I250228-006 **Work Order #...:** J7LFP1AC **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	90	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	88	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1PK60

GC/MS Volatiles

Lot-Sample #: F7I250228-006 **Work Order #:** J7LFP1AC **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: B1NX55

GC/MS Volatiles

Lot-Sample #...: F7I250250-001 **Work Order #...:** J7LLE1AC **Matrix.....:** WATER
Date Sampled...: 09/23/07 **Date Received..:** 09/25/07
Prep Date.....: 10/02/07 **Analysis Date..:** 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	89	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

Fluor Hanford Inc

B1NX55

GC/MS Volatiles

Lot-Sample #: F7I250250-001 **Work Order #:** J7LLE1AC **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: B1PK61

GC/MS Volatiles

Lot-Sample #...: F7I260265-001 **Work Order #...:** J7N331AC **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
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	**2.7 B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	102	(74 - 134)
1,2-Dichloroethane-d4	109	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1PK61

GC/MS Volatiles

Lot-Sample #: F7I260265-001 **Work Order #:** J7N331AC **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: B1P5M3

GC/MS Volatiles

Lot-Sample #...: F7I260269-002 **Work Order #...:** J7N421AF **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**1.5**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**36**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.20 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	107	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5M3

GC/MS Volatiles

Lot-Sample #: F7I260269-002 **Work Order #:** J7N421AF **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: B1NHC1

GC/MS Volatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N1AG **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
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
Ethyl acetate	ND	2.0	ug/L	0.23
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**1.8**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.56 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.34 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	122	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1NHC1

GC/MS Volatiles

Lot-Sample #: F7I260278-002 **Work Order #:** J7N7N1AG **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: B1NHC1

GC/MS Volatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N2AG **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/09/07 **Analysis Date..:** 10/09/07
Prep Batch #...: 7285108
Dilution Factor: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**89 D**	**10**	**ug/L**	**1.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(69 - 119)
Dibromofluoromethane	103	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P6B5

GC/MS Volatiles

Lot-Sample #...: F7I260283-001 **Work Order #...:** J7N9E1AC **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**12**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**5.7**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**0.95 J**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(69 - 119)
Dibromofluoromethane	223 *	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P6B5

GC/MS Volatiles

Lot-Sample #: F7I260283-001 **Work Order #:** J7N9E1AC **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: B1P6B5

GC/MS Volatiles

Lot-Sample #...: F7I260283-001 **Work Order #...:** J7N9E2AC **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/09/07 **Analysis Date..:** 10/09/07
Prep Batch #...: 7285108
Dilution Factor: 100 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**1700 D**	**100**	**ug/L**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	114	(69 - 119)
Dibromofluoromethane	108	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1P941

GC/MS Volatiles

Lot-Sample #...: F7I260285-003 **Work Order #...:** J7N9N2AC **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/09/07 **Analysis Date..:** 10/09/07
Prep Batch #...: 7285108
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	**0.30 J**	**1.0**	**ug/L**	**0.046**
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	**0.83 J**	**1.0**	**ug/L**	**0.10**
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.74 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	**1.5**	**1.0**	**ug/L**	**0.17**
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(69 - 119)
Dibromofluoromethane	100	(74 - 134)
1,2-Dichloroethane-d4	104	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P941

GC/MS Volatiles

Lot-Sample #: F7I260285-003 **Work Order #:** J7N9N2AC **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: B1P8K6

GC/MS Volatiles

Lot-Sample #...: F7I260285-004 **Work Order #...:** J7N9R1AE **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(69 - 119)
Dibromofluoromethane	103	(74 - 134)
1,2-Dichloroethane-d4	109	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

Fluor Hanford Inc

B1P8K6

GC/MS Volatiles

Lot-Sample #: F7I260285-004 **Work Order #:** J7N9R1AE **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: B1P5N0

GC/MS Volatiles

Lot-Sample #...: F7I270224-002 **Work Order #...:** J7RD41AF **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.46 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**13**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	110	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5N0

GC/MS Volatiles

Lot-Sample #: F7I270224-002 **Work Order #:** J7RD41AF **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: B1P5L6

GC/MS Volatiles

Lot-Sample #...: F7I270224-004 **Work Order #...:** J7REL1AF **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Ethyl acetate	ND	2.0	ug/L	0.23
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**0.81 J**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**7.1**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(69 - 119)
Dibromofluoromethane	109	(74 - 134)
1,2-Dichloroethane-d4	114	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5L6

GC/MS Volatiles

Lot-Sample #: F7I270224-004 **Work Order #:** J7REL1AF **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: B1PK62

GC/MS Volatiles

Lot-Sample #...: F7I270237-001 **Work Order #...:** J7RFM1AC **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	107	(72 - 128)
4-Bromofluorobenzene	103	(71 - 115)

Fluor Hanford Inc

B1PK62

GC/MS Volatiles

Lot-Sample #: F7I270237-001 **Work Order #:** J7RFM1AC **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: B1PK63

GC/MS Volatiles

Lot-Sample #...: F7I280230-001 **Work Order #...:** J7WEF1AC **Matrix.....:** WATER
Date Sampled...: 09/27/07 **Date Received..:** 09/28/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
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	**1.5 B**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1PK63

GC/MS Volatiles

Lot-Sample #: F7I280230-001 **Work Order #:** J7WEF1AC . **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: B1P5T5

GC/MS Volatiles

Lot-Sample #...: F7I280230-002 **Work Order #...:** J7WEJ1AC **Matrix.....:** WATER
Date Sampled...: 09/27/07 **Date Received..:** 09/28/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**2.2**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**20**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**5.0**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	110	(74 - 134)
1,2-Dichloroethane-d4	110	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

Fluor Hanford Inc

B1P5T5

GC/MS Volatiles

Lot-Sample #: F7I280230-002 **Work Order #:** J7WEJ1AC **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: B1P5R8

GC/MS Volatiles

Lot-Sample #...: F7I280230-003 **Work Order #...:** J7WEL1AC **Matrix.....:** WATER
Date Sampled...: 09/27/07 **Date Received..:** 09/28/07
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**3.1**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**10**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.40 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(69 - 119)
Dibromofluoromethane	107	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P5R8

GC/MS Volatiles

Lot-Sample #: F7I280230-003 **Work Order #:** J7WEL1AC **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: B1PV97

GC/MS Volatiles

Lot-Sample #...: F7I290106-001 **Work Order #...:** J7XQJ1AC **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	112	(69 - 119)
Dibromofluoromethane	100	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	96	(71 - 115)

Fluor Hanford Inc

E1PV97

GC/MS Volatiles

Lot-Sample #: F7I290106-001 **Work Order #:** J7XQJ1AC **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: B1P5Y7

GC/MS Volatiles

Lot-Sample #...: F7I290107-001 **Work Order #...:** J7XQK1AC **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

Fluor Hanford Inc

B1P5Y7

GC/MS Volatiles

Lot-Sample #: F7I290107-001 **Work Order #:** J7XQK1AC **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: B1PV98

GC/MS Volatiles

Lot-Sample #...: F7J020165-001 **Work Order #...:** J725V1AC **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
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**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	100	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

Fluor Hanford Inc

B1PV98

GC/MS Volatiles

Lot-Sample #: F7J020165-001 **Work Order #:** J725V1AC **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: B1PV99

GC/MS Volatiles

Lot-Sample #...: F7J020165-002 **Work Order #...:** J72501AC **Matrix.....:** WATER
Date Sampled...: 10/01/07 **Date Received..:** 10/02/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
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	**2.6**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	107	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

Fluor Hanford Inc

B1PV99

GC/MS Volatiles

Lot-Sample #: F7J020165-002 **Work Order #:** J72501AC **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: B1P5Y3

GC/MS Volatiles

Lot-Sample #...: F7J020168-001 **Work Order #...:** J726C1AC **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**4.0**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	**4.2**	**1.0**	**ug/L**	**0.10**
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

Fluor Hanford Inc

B1P5Y3

GC/MS Volatiles

Lot-Sample #: F7J020168-001 **Work Order #:** J726C1AC **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: B1P695

GC/MS Volatiles

Lot-Sample #...: F7J020168-002 **Work Order #...:** J726M1AC **Matrix.....:** WATER
Date Sampled...: 10/01/07 **Date Received..:** 10/02/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.045
1,4-Dioxane	ND	80	ug/L	12
Ethylbenzene	ND	1.0	ug/L	0.064
Vinyl chloride	ND	2.0	ug/L	0.044
Acetone	ND	2.0	ug/L	0.80
Methylene chloride	ND	1.0	ug/L	0.10
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	**2.3**	**1.0**	**ug/L**	**0.10**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	**0.36 J**	**1.0**	**ug/L**	**0.10**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	111	(69 - 119)
Dibromofluoromethane	185 *	(74 - 134)
1,2-Dichloroethane-d4	99	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1P695

GC/MS Volatiles

Lot-Sample #: F7J020168-002 **Work Order #:** J726M1AC **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: B1P695

GC/MS Volatiles

Lot-Sample #...: F7J020168-002 **Work Order #...:** J726M2AC **Matrix.....:** WATER
Date Sampled...: 10/01/07 **Date Received..:** 10/02/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 50 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Carbon tetrachloride	**260 D**	**50**	**ug/L**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	116	(69 - 119)
Dibromofluoromethane	104	(74 - 134)
1,2-Dichloroethane-d4	104	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

B1P695

GC/MS Volatiles

Lot-Sample #: F7J020168-002 **Work Order #:** J726M2AC **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: B1P5X3

GC/MS Volatiles

Lot-Sample #...: F7J030129-002 **Work Order #...:** J75ML1AC **Matrix.....:** WATER
Date Sampled...: 10/02/07 **Date Received..:** 10/03/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1 **Method.....:** SW846 8260B

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	102	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

Fluor Hanford Inc

B1P5X3

GC/MS Volatiles

Lot-Sample #: F7J030129-002 **Work Order #:** J75ML1AC **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: B1PVB0

GC/MS Volatiles

Lot-Sample #...: F7J030132-001 **Work Order #...:** J75MP1AC **Matrix.....:** WATER
Date Sampled...: 10/02/07 **Date Received..:** 10/03/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
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	**4.2**	**1.0**	**ug/L**	**0.10**
Carbon disulfide	ND	1.0	ug/L	0.10
1,1-Dichloroethane	ND	1.0	ug/L	0.046
2-Butanone	ND	5.0	ug/L	1.8
Chloroform	ND	1.0	ug/L	0.10
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.048
Propionitrile	ND	5.0	ug/L	1.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.10
1,1,1-Trichloroethane	ND	1.0	ug/L	0.10
Carbon tetrachloride	ND	1.0	ug/L	0.10
1,2-Dichloroethane	ND	1.0	ug/L	0.11
Benzene	ND	1.0	ug/L	0.10
Trichloroethene	ND	1.0	ug/L	0.10
4-Methyl-2-pentanone	ND	5.0	ug/L	0.21
1,1,2-Trichloroethane	ND	1.0	ug/L	0.092
Tetrachloroethene	ND	1.0	ug/L	0.17
Tetrahydrofuran	ND	10	ug/L	1.2
Xylenes (total)	ND	3.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	110	(69 - 119)
Dibromofluoromethane	98	(74 - 134)
1,2-Dichloroethane-d4	101	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

Fluor Hanford Inc

B1PVB0

GC/MS Volatiles

Lot-Sample #: F7J030132-001 **Work Order #:** J75MP1AC **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 #...: SL712 **Work Order #...:** J75Q51AA **Matrix.....:** WATER
MB Lot-Sample #: F7J030000-217

Prep Date.....: 10/02/07
Analysis Date..: 10/02/07 **Prep Batch #...:** 7276217
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
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.18 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	92	(74 - 134)
1,2-Dichloroethane-d4	93	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7J030000-217 B **Work Order #:** J75Q51AA **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 #...: SL712 **Work Order #...:** J8FM51AA **Matrix.....:** WATER
MB Lot-Sample #: F7J080000-123

Prep Date.....: 10/05/07
Analysis Date..: 10/05/07 **Prep Batch #...:** 7281123
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
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.54 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
1,2-Dichloroethane-d4	102	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7J080000-123 B **Work Order #:** J8FM51AA **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 #...: SL712
MB Lot-Sample #: F7J120000-108

Work Order #...: J8RTF1AA

Matrix.....: WATER

Prep Date.....: 10/09/07
Prep Batch #...: 7285108

Analysis Date..: 10/09/07
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	**5.6**	**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	108	(69 - 119)
Dibromofluoromethane	99	(74 - 134)
1,2-Dichloroethane-d4	105	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7J120000-108 B **Work Order #:** J8RTF1AA **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 #...: SL712 **Work Order #...:** J8RTQ1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J120000-115

Prep Date.....: 10/11/07
Analysis Date..: 10/11/07 **Prep Batch #...:** 7285115
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	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	111	(69 - 119)
Dibromofluoromethane	101	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	103	(71 - 115)

NOTE(S):

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F7J120000-115 B **Work Order #:** J8RTQ1AA **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 #...: SL712 Work Order #...: J75Q51AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F7J030000-217 J75Q51AD-LCSD
Prep Date.....: 10/02/07 Analysis Date..: 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	12.2	ug/L	122		SW846 8260B
	10.0	10.8	ug/L	108	11	SW846 8260B
Ethylbenzene	10.0	12.2	ug/L	122		SW846 8260B
	10.0	11.1	ug/L	111	9.4	SW846 8260B
Ethyl acetate	20.0	17.6	ug/L	88		SW846 8260B
	20.0	15.4	ug/L	77	13	SW846 8260B
1,4-Dioxane	200	203	ug/L	101		SW846 8260B
	200	176	ug/L	88	14	SW846 8260B
Vinyl chloride	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.94	ug/L	99	8.3	SW846 8260B
Acetone	10.0	10.4	ug/L	104		SW846 8260B
	10.0	8.65	ug/L	86	18	SW846 8260B
Methylene chloride	10.0	10.1	ug/L	101		SW846 8260B
	10.0	9.40	ug/L	94	7.6	SW846 8260B
Carbon disulfide	10.0	13.2	ug/L	132		SW846 8260B
	10.0	12.0	ug/L	120	9.3	SW846 8260B
1,1-Dichloroethane	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.4	ug/L	104	8.5	SW846 8260B
2-Butanone	10.0	9.16	ug/L	92		SW846 8260B
	10.0	9.68	ug/L	97	5.6	SW846 8260B
Chloroform	10.0	11.1	ug/L	111		SW846 8260B
	10.0	9.77	ug/L	98	13	SW846 8260B
cis-1,2-Dichloroethene	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.4	ug/L	104	8.7	SW846 8260B
Propionitrile	50.0	47.7	ug/L	95		SW846 8260B
	50.0	47.9	ug/L	96	0.44	SW846 8260B
trans-1,2-Dichloroethene	10.0	11.8	ug/L	118		SW846 8260B
	10.0	10.5	ug/L	105	12	SW846 8260B
1,1,1-Trichloroethane	10.0	11.5	ug/L	115		SW846 8260B
	10.0	10.3	ug/L	103	11	SW846 8260B
Carbon tetrachloride	10.0	11.4	ug/L	114		SW846 8260B
	10.0	10.4	ug/L	104	9.2	SW846 8260B
1,2-Dichloroethane	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.71	ug/L	97	5.1	SW846 8260B
Benzene	10.0	11.1	ug/L	111		SW846 8260B
	10.0	10.0	ug/L	100	9.8	SW846 8260B
Trichloroethene	10.0	10.8	ug/L	108		SW846 8260B
	10.0	9.62	ug/L	96	12	SW846 8260B
4-Methyl-2-pentanone	10.0	9.48	ug/L	95		SW846 8260B
	10.0	9.25	ug/L	92	2.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J75Q51AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J030000-217 J75Q51AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**10.0**	**ug/L**	**100**		**SW846 8260B**
	10.0	**9.28**	**ug/L**	**93**	**7.4**	**SW846 8260B**
Tetrachloroethene	**10.0**	**12.2**	**ug/L**	**122**		**SW846 8260B**
	10.0	**12.0**	**ug/L**	**120**	**2.0**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**46.8**	**ug/L**	**94**		**SW846 8260B**
	50.0	**44.8**	**ug/L**	**90**	**4.1**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	10.0	**9.92**	**ug/L**	**99**	**5.6**	**SW846 8260B**
1-Butanol	**100**	**84.0**	**ug/L**	**84**		**SW846 8260B**
	100	**81.5**	**ug/L**	**82**	**3.0**	**SW846 8260B**
Toluene	**10.0**	**11.7**	**ug/L**	**117**		**SW846 8260B**
	10.0	**10.6**	**ug/L**	**106**	**10**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(85 - 121)
	104	(85 - 121)
Dibromofluoromethane	92	(84 - 117)
	93	(84 - 117)
1,2-Dichloroethane-d4	91	(72 - 124)
	93	(72 - 124)
4-Bromofluorobenzene	92	(80 - 121)
	94	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J8FM51AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J080000-123 J8FM51AD-LCSD
Prep Date.....: 10/05/07 **Analysis Date..:** 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.23	ug/L	92		SW846 8260B
	10.0	9.60	ug/L	96	3.9	SW846 8260B
Ethylbenzene	10.0	9.42	ug/L	94		SW846 8260B
	10.0	9.71	ug/L	97	3.1	SW846 8260B
Ethyl acetate	20.0	18.9	ug/L	94		SW846 8260B
	20.0	22.1	ug/L	110	16	SW846 8260B
1,4-Dioxane	200	226	ug/L	113		SW846 8260B
	200	224	ug/L	112	1.0	SW846 8260B
Vinyl chloride	10.0	8.38	ug/L	84		SW846 8260B
	10.0	8.17	ug/L	82	2.5	SW846 8260B
Acetone	10.0	7.40	ug/L	74		SW846 8260B
	10.0	9.28 p	ug/L	93	22	SW846 8260B
Methylene chloride	10.0	9.60	ug/L	96		SW846 8260B
	10.0	10.1	ug/L	101	4.8	SW846 8260B
Carbon disulfide	10.0	11.7	ug/L	117		SW846 8260B
	10.0	11.8	ug/L	118	0.68	SW846 8260B
1,1-Dichloroethane	10.0	9.19	ug/L	92		SW846 8260B
	10.0	9.53	ug/L	95	3.6	SW846 8260B
2-Butanone	10.0	9.09	ug/L	91		SW846 8260B
	10.0	9.52	ug/L	95	4.7	SW846 8260B
Chloroform	10.0	8.81	ug/L	88		SW846 8260B
	10.0	9.22	ug/L	92	4.6	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.63	ug/L	96		SW846 8260B
	10.0	9.70	ug/L	97	0.70	SW846 8260B
Propionitrile	50.0	44.7	ug/L	89		SW846 8260B
	50.0	52.0	ug/L	104	15	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.30	ug/L	93		SW846 8260B
	10.0	9.80	ug/L	98	5.2	SW846 8260B
1,1,1-Trichloroethane	10.0	8.84	ug/L	88		SW846 8260B
	10.0	9.19	ug/L	92	3.8	SW846 8260B
Carbon tetrachloride	10.0	9.22	ug/L	92		SW846 8260B
	10.0	9.58	ug/L	96	3.9	SW846 8260B
1,2-Dichloroethane	10.0	9.10	ug/L	91		SW846 8260B
	10.0	9.36	ug/L	94	2.8	SW846 8260B
Benzene	10.0	9.12	ug/L	91		SW846 8260B
	10.0	9.43	ug/L	94	3.2	SW846 8260B
Trichloroethene	10.0	9.50	ug/L	95		SW846 8260B
	10.0	9.60	ug/L	96	1.1	SW846 8260B
4-Methyl-2-pentanone	10.0	11.0	ug/L	110		SW846 8260B
	10.0	11.3	ug/L	113	3.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J8FM51AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J080000-123 J8FM51AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**9.03**	**ug/L**	**90**		**SW846 8260B**
	10.0	**9.51**	**ug/L**	**95**	**5.1**	**SW846 8260B**
Tetrachloroethene	**10.0**	**8.61**	**ug/L**	**86**		**SW846 8260B**
	10.0	**9.90**	**ug/L**	**99**	**14**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**45.8**	**ug/L**	**92**		**SW846 8260B**
	50.0	**45.8**	**ug/L**	**92**	**0.10**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**8.85**	**ug/L**	**89**		**SW846 8260B**
	10.0	**9.18**	**ug/L**	**92**	**3.6**	**SW846 8260B**
1-Butanol	**100**	**87.2**	**ug/L**	**87**		**SW846 8260B**
	100	**99.5**	**ug/L**	**99**	**13**	**SW846 8260B**
Toluene	**10.0**	**9.42**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.70**	**ug/L**	**97**	**2.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(85 - 121)
	102	(85 - 121)
Dibromofluoromethane	105	(84 - 117)
	103	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
	103	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)
	94	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 Work Order #...: J8RTF1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F7J120000-108 J8RTF1AD-LCSD
Prep Date.....: 10/09/07 Analysis Date..: 10/09/07
Prep Batch #...: 7285108
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	13.0	ug/L	130		SW846 8260B
	10.0	12.3	ug/L	123	5.5	SW846 8260B
Ethylbenzene	10.0	12.6	ug/L	126		SW846 8260B
	10.0	12.4	ug/L	124	1.8	SW846 8260B
1,4-Dioxane	200	266	ug/L	133		SW846 8260B
	200	242	ug/L	121	9.1	SW846 8260B
Vinyl chloride	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.3	ug/L	103	1.6	SW846 8260B
Acetone	10.0	17.2 a	ug/L	172		SW846 8260B
	10.0	16.5 a	ug/L	165	4.4	SW846 8260B
Methylene chloride	10.0	13.1	ug/L	131		SW846 8260B
	10.0	12.8	ug/L	128	2.1	SW846 8260B
Carbon disulfide	10.0	16.1 a	ug/L	161		SW846 8260B
	10.0	15.1 a	ug/L	151	6.6	SW846 8260B
1,1-Dichloroethane	10.0	12.5 a	ug/L	125		SW846 8260B
	10.0	11.9 a	ug/L	119	5.0	SW846 8260B
2-Butanone	10.0	10.8	ug/L	108		SW846 8260B
	10.0	15.0 a,p	ug/L	150	33	SW846 8260B
Chloroform	10.0	11.8 a	ug/L	118		SW846 8260B
	10.0	11.3	ug/L	113	4.8	SW846 8260B
cis-1,2-Dichloroethene	10.0	12.7 a	ug/L	127		SW846 8260B
	10.0	11.9	ug/L	119	6.0	SW846 8260B
Propionitrile	50.0	53.0	ug/L	106		SW846 8260B
	50.0	58.3	ug/L	117	9.5	SW846 8260B
trans-1,2-Dichloroethene	10.0	12.8 a	ug/L	128		SW846 8260B
	10.0	12.2 a	ug/L	122	4.8	SW846 8260B
1,1,1-Trichloroethane	10.0	12.0	ug/L	120		SW846 8260B
	10.0	11.7	ug/L	117	2.5	SW846 8260B
Carbon tetrachloride	10.0	12.7	ug/L	127		SW846 8260B
	10.0	12.1	ug/L	121	5.3	SW846 8260B
1,2-Dichloroethane	10.0	11.5	ug/L	115		SW846 8260B
	10.0	11.6	ug/L	116	0.51	SW846 8260B
Benzene	10.0	12.3 a	ug/L	123		SW846 8260B
	10.0	11.7	ug/L	117	5.1	SW846 8260B
Trichloroethene	10.0	12.6 a	ug/L	126		SW846 8260B
	10.0	12.1 a	ug/L	121	3.6	SW846 8260B
4-Methyl-2-pentanone	10.0	12.0	ug/L	120		SW846 8260B
	10.0	13.1	ug/L	131	8.9	SW846 8260B
1,1,2-Trichloroethane	10.0	11.3	ug/L	113		SW846 8260B
	10.0	11.1	ug/L	111	2.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J8RTF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J120000-108 J8RTF1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	10.0	**11.2**	**ug/L**	**112**	**5.8**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**52.9**	**ug/L**	**106**		**SW846 8260B**
	50.0	**52.4**	**ug/L**	**105**	**0.81**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**11.7 a**	**ug/L**	**117**		**SW846 8260B**
	10.0	**11.4**	**ug/L**	**114**	**1.8**	**SW846 8260B**
1-Butanol	**100**	**94.9**	**ug/L**	**95**		**SW846 8260B**
	100	**120 p**	**ug/L**	**120**	**24**	**SW846 8260B**
Toluene	**10.0**	**12.6 a**	**ug/L**	**126**		**SW846 8260B**
	10.0	**12.3**	**ug/L**	**123**	**2.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(85 - 121)
	103	(85 - 121)
Dibromofluoromethane	104	(84 - 117)
	101	(84 - 117)
1,2-Dichloroethane-d4	102	(72 - 124)
	104	(72 - 124)
4-Bromofluorobenzene	97	(80 - 121)
	95	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J8RTQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J120000-115 J8RTQ1AD-LCSD
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Ethylbenzene	10.0	9.57	ug/L	96		SW846 8260B
	10.0	9.37	ug/L	94	2.1	SW846 8260B
1,4-Dioxane	200	178	ug/L	89		SW846 8260B
	200	173	ug/L	87	2.5	SW846 8260B
1,1-Dichloroethene	10.0	9.32	ug/L	93		SW846 8260B
	10.0	9.50	ug/L	95	1.9	SW846 8260B
Vinyl chloride	10.0	9.26	ug/L	93		SW846 8260B
	10.0	9.35	ug/L	93	0.89	SW846 8260B
Acetone	10.0	9.24	ug/L	92		SW846 8260B
	10.0	9.37	ug/L	94	1.4	SW846 8260B
Methylene chloride	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.46	ug/L	95	1.5	SW846 8260B
Carbon disulfide	10.0	12.0	ug/L	120		SW846 8260B
	10.0	11.8	ug/L	118	1.4	SW846 8260B
1,1-Dichloroethane	10.0	8.98	ug/L	90		SW846 8260B
	10.0	9.00	ug/L	90	0.24	SW846 8260B
2-Butanone	10.0	9.35	ug/L	93		SW846 8260B
	10.0	8.70	ug/L	87	7.1	SW846 8260B
Chloroform	10.0	8.22 a	ug/L	82		SW846 8260B
	10.0	8.91	ug/L	89	8.1	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.92	ug/L	89		SW846 8260B
	10.0	9.12	ug/L	91	2.3	SW846 8260B
Propionitrile	50.0	45.2	ug/L	90		SW846 8260B
	50.0	46.4	ug/L	93	2.7	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.44	ug/L	94		SW846 8260B
	10.0	9.11	ug/L	91	3.6	SW846 8260B
1,1,1-Trichloroethane	10.0	8.81	ug/L	88		SW846 8260B
	10.0	9.08	ug/L	91	3.0	SW846 8260B
Carbon tetrachloride	10.0	9.20	ug/L	92		SW846 8260B
	10.0	9.33	ug/L	93	1.5	SW846 8260B
1,2-Dichloroethane	10.0	8.21	ug/L	82		SW846 8260B
	10.0	8.69	ug/L	87	5.7	SW846 8260B
Benzene	10.0	8.95	ug/L	90		SW846 8260B
	10.0	8.94	ug/L	89	0.13	SW846 8260B
Trichloroethene	10.0	9.24	ug/L	92		SW846 8260B
	10.0	8.99	ug/L	90	2.7	SW846 8260B
4-Methyl-2-pentanone	10.0	9.48	ug/L	95		SW846 8260B
	10.0	9.46	ug/L	95	0.23	SW846 8260B
1,1,2-Trichloroethane	10.0	8.72	ug/L	87		SW846 8260B
	10.0	8.57	ug/L	86	1.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J8RTQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7J120000-115 J8RTQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	**10.0**	**9.27**	**ug/L**	**93**		**SW846 8260B**
	10.0	**9.52**	**ug/L**	**95**	**2.7**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**42.1**	**ug/L**	**84**		**SW846 8260B**
	50.0	**43.9**	**ug/L**	**88**	**4.3**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**8.83**	**ug/L**	**88**		**SW846 8260B**
	10.0	**8.52**	**ug/L**	**85**	**3.6**	**SW846 8260B**
1-Butanol	**100**	**99.1**	**ug/L**	**99**		**SW846 8260B**
	100	**96.0**	**ug/L**	**96**	**3.2**	**SW846 8260B**
Toluene	**10.0**	**9.65**	**ug/L**	**96**		**SW846 8260B**
	10.0	**9.38**	**ug/L**	**94**	**2.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(85 - 121)
	101	(85 - 121)
Dibromofluoromethane	95	(84 - 117)
	98	(84 - 117)
1,2-Dichloroethane-d4	93	(72 - 124)
	94	(72 - 124)
4-Bromofluorobenzene	100	(80 - 121)
	96	(80 - 121)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712
MS Lot-Sample #: F7I250206-002
Date Sampled...: 09/24/07
Prep Date.....: 10/02/07
Prep Batch #...: 7276217
Dilution Factor: 1

Work Order #...: J7K341AQ-MS
J7K341AR-MSD
Date Received..: 09/25/07
Analysis Date..: 10/02/07

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	12.1	ug/L	121	9.6	SW846 8260B
Ethylbenzene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	11.7	ug/L	117	8.8	SW846 8260B
Ethyl acetate	ND	20.0	17.0	ug/L	85		SW846 8260B
	ND	20.0	16.8	ug/L	84	1.1	SW846 8260B
1,4-Dioxane	ND	200	137	ug/L	68		SW846 8260B
	ND	200	205	ug/L	102 p	40	SW846 8260B
Vinyl chloride	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	12.1	ug/L	121	13	SW846 8260B
Acetone	ND	10.0	7.95	ug/L	79		SW846 8260B
	ND	10.0	8.09	ug/L	81	1.8	SW846 8260B
Methylene chloride	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.4	ug/L	104	0.0	SW846 8260B
Carbon disulfide	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	13.4	ug/L	134	10	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.7	ug/L	117	5.1	SW846 8260B
2-Butanone	ND	10.0	8.50	ug/L	85		SW846 8260B
	ND	10.0	8.12	ug/L	81	4.5	SW846 8260B
Chloroform	0.56	10.0	11.5	ug/L	110		SW846 8260B
	0.56	10.0	11.8	ug/L	112	2.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.3	ug/L	113	4.0	SW846 8260B
Propionitrile	ND	50.0	52.7	ug/L	105		SW846 8260B
	ND	50.0	54.5	ug/L	109	3.3	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.7	ug/L	117	6.5	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	11.8	ug/L	118	9.0	SW846 8260B
Carbon tetrachloride	5.8	10.0	16.5	ug/L	106		SW846 8260B
	5.8	10.0	17.9	ug/L	120	8.2	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.4	SW846 8260B
Benzene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.2	ug/L	112	3.9	SW846 8260B
Trichloroethene	ND	10.0	9.84	ug/L	98		SW846 8260B
	ND	10.0	10.6	ug/L	106	7.0	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.12	ug/L	91		SW846 8260B
	ND	10.0	10.0	ug/L	100	9.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J7K341AQ-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I250206-002 J7K341AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**9.42**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**9.96**	**ug/L**	**100**	**5.7**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**9.41**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**10.1**	**ug/L**	**101**	**7.2**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**45.4**	**ug/L**	**91**		**SW846 8260B**
	ND	**50.0**	**50.1**	**ug/L**	**100**	**9.7**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.72**	**ug/L**	**97**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**8.1**	**SW846 8260B**
1-Butanol	**ND**	**100**	**78.2**	**ug/L**	**78**		**SW846 8260B**
	ND	**100**	**99.8**	**ug/L**	**100 p**	**24**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**11.4**	**ug/L**	**114**	**8.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(69 - 119)
	99	(69 - 119)
Dibromofluoromethane	97	(74 - 134)
	99	(74 - 134)
1,2-Dichloroethane-d4	95	(72 - 128)
	93	(72 - 128)
4-Bromofluorobenzene	89	(71 - 115)
	89	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 Work Order #...: J7WEF1AD-MS Matrix.....: WATER
MS Lot-Sample #: F7I280230-001 J7WEF1AE-MSD
Date Sampled...: 09/27/07 Date Received..: 09/28/07
Prep Date.....: 10/05/07 Analysis Date..: 10/05/07
Prep Batch #...: 7281123
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.97	ug/L	100		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.8	SW846 8260B
Ethylbenzene	ND	10.0	9.63	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	4.5	SW846 8260B
Ethyl acetate	ND	20.0	20.3	ug/L	101		SW846 8260B
	ND	20.0	20.0	ug/L	100	1.2	SW846 8260B
1,4-Dioxane	ND	200	232	ug/L	116		SW846 8260B
	ND	200	208	ug/L	104	11	SW846 8260B
Vinyl chloride	ND	10.0	8.48	ug/L	85		SW846 8260B
	ND	10.0	9.22	ug/L	92	8.4	SW846 8260B
Acetone	ND	10.0	9.46	ug/L	95		SW846 8260B
	ND	10.0	6.86	ug/L	69 p	32	SW846 8260B
Methylene chloride	1.5	10.0	11.7	ug/L	102		SW846 8260B
	1.5	10.0	12.4	ug/L	108	5.6	SW846 8260B
Carbon disulfide	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	12.5	ug/L	125	3.9	SW846 8260B
1,1-Dichloroethane	ND	10.0	9.93	ug/L	99		SW846 8260B
	ND	10.0	10.0	ug/L	100	0.67	SW846 8260B
2-Butanone	ND	10.0	9.52	ug/L	95		SW846 8260B
	ND	10.0	10.8	ug/L	108	13	SW846 8260B
Chloroform	ND	10.0	9.44	ug/L	94		SW846 8260B
	ND	10.0	10.0	ug/L	100	6.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.98	ug/L	100		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.6	SW846 8260B
Propionitrile	ND	50.0	58.6	ug/L	117		SW846 8260B
	ND	50.0	46.5	ug/L	93 p	23	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.99	ug/L	100		SW846 8260B
	ND	10.0	10.1	ug/L	101	1.1	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.31	ug/L	93		SW846 8260B
	ND	10.0	9.56	ug/L	96	2.7	SW846 8260B
Carbon tetrachloride	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	10.2	ug/L	102	2.4	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.94	ug/L	99	1.3	SW846 8260B
Benzene	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.0	ug/L	100	0.0	SW846 8260B
Trichloroethene	ND	10.0	9.96	ug/L	100		SW846 8260B
	ND	10.0	9.80	ug/L	98	1.7	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	10.7	ug/L	107	4.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J7WEF1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I280230-001 J7WEF1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**9.58**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.63**	**ug/L**	**96**	**0.56**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**7.87**	**ug/L**	**79**		**SW846 8260B**
	ND	**10.0**	**8.03**	**ug/L**	**80**	**2.0**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**50.9**	**ug/L**	**102**		**SW846 8260B**
	ND	**50.0**	**51.9**	**ug/L**	**104**	**1.9**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**8.90**	**ug/L**	**89**		**SW846 8260B**
	ND	**10.0**	**9.41**	**ug/L**	**94**	**5.5**	**SW846 8260B**
1-Butanol	**ND**	**100**	**85.2**	**ug/L**	**85**		**SW846 8260B**
	ND	**100**	**53.5**	**ug/L**	**53 p**	**46**	**SW846 8260B**
Toluene	**ND**	**10.0**	**9.62**	**ug/L**	**96**		**SW846 8260B**
	ND	**10.0**	**9.94**	**ug/L**	**99**	**3.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
	99	(69 - 119)
Dibromofluoromethane	106	(74 - 134)
	102	(74 - 134)
1,2-Dichloroethane-d4	104	(72 - 128)
	104	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)
	97	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J7N9N1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I260285-003 J7N9N1AG-MSD
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 10/09/07 **Analysis Date..:** 10/09/07
Prep Batch #...: 7285108
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	12.2	ug/L	122	0.82	SW846 8260B
Ethylbenzene	ND	10.0	12.7	ug/L	127		SW846 8260B
	ND	10.0	12.5	ug/L	125	2.2	SW846 8260B
1,4-Dioxane	ND	200	249	ug/L	124		SW846 8260B
	ND	200	280	ug/L	140	12	SW846 8260B
Vinyl chloride	ND	10.0	9.58	ug/L	96		SW846 8260B
	ND	10.0	10.3	ug/L	103	7.0	SW846 8260B
Acetone	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	9.23	ug/L	92	18	SW846 8260B
Methylene chloride	ND	10.0	12.8	ug/L	128		SW846 8260B
	ND	10.0	12.7	ug/L	127	0.94	SW846 8260B
Carbon disulfide	ND	10.0	15.5	ug/L	155 a		SW846 8260B
	ND	10.0	15.7	ug/L	157 a	1.6	SW846 8260B
1,1-Dichloroethane	0.30	10.0	12.6	ug/L	123		SW846 8260B
	0.30	10.0	12.3	ug/L	120	1.7	SW846 8260B
2-Butanone	ND	10.0	13.2	ug/L	132		SW846 8260B
	ND	10.0	13.6	ug/L	136	2.6	SW846 8260B
Chloroform	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	11.6	ug/L	116	5.9	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	12.7	ug/L	127	3.7	SW846 8260B
Propionitrile	ND	50.0	57.6	ug/L	115		SW846 8260B
	ND	50.0	61.2	ug/L	122	6.0	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	12.8	ug/L	128		SW846 8260B
	ND	10.0	12.3	ug/L	123	4.0	SW846 8260B
1,1,1-Trichloroethane	0.83	10.0	12.8	ug/L	119		SW846 8260B
	0.83	10.0	12.8	ug/L	119	0.07	SW846 8260B
Carbon tetrachloride	ND	10.0	12.5	ug/L	125		SW846 8260B
	ND	10.0	12.4	ug/L	124	1.0	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.8	ug/L	118		SW846 8260B
	ND	10.0	12.0	ug/L	120	1.7	SW846 8260B
Benzene	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	12.1	ug/L	121	1.1	SW846 8260B
Trichloroethene	0.74	10.0	13.1	ug/L	124		SW846 8260B
	0.74	10.0	12.8	ug/L	121	2.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	12.4	ug/L	124		SW846 8260B
	ND	10.0	12.4	ug/L	124	0.24	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	12.2	ug/L	122	5.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J7N9N1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I260285-003 J7N9N1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**1.5**	**10.0**	**12.0**	**ug/L**	**105**		**SW846 8260B**
	1.5	**10.0**	**11.5**	**ug/L**	**100**	**4.2**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**57.3**	**ug/L**	**115**		**SW846 8260B**
	ND	**50.0**	**56.0**	**ug/L**	**112**	**2.3**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**11.3**	**ug/L**	**113**		**SW846 8260B**
	ND	**10.0**	**11.4**	**ug/L**	**114**	**1.0**	**SW846 8260B**
1-Butanol	**ND**	**100**	**99.1**	**ug/L**	**99**		**SW846 8260B**
	ND	**100**	**120**	**ug/L**	**120**	**20**	**SW846 8260B**
Toluene	**ND**	**10.0**	**12.5**	**ug/L**	**125**		**SW846 8260B**
	ND	**10.0**	**12.6**	**ug/L**	**126**	**0.95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
	102	(69 - 119)
Dibromofluoromethane	102	(74 - 134)
	101	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
	106	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)
	94	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 Work Order #...: J7XQJ1AD-MS Matrix.....: WATER
MS Lot-Sample #: F7I290106-001 J7XQJ1AE-MSD
Date Sampled...: 09/28/07 Date Received..: 09/29/07
Prep Date.....: 10/11/07 Analysis Date..: 10/11/07
Prep Batch #...: 7285115
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.8	ug/L	128	6.8	SW846 8260B
Ethylbenzene	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	12.4	ug/L	124	1.3	SW846 8260B
1,4-Dioxane	ND	200	213	ug/L	106		SW846 8260B
	ND	200	270	ug/L	135 p	24	SW846 8260B
Vinyl chloride	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	12.9	ug/L	129	6.6	SW846 8260B
Acetone	ND	10.0	9.35	ug/L	93		SW846 8260B
	ND	10.0	10.1	ug/L	101	7.9	SW846 8260B
Methylene chloride	5.0	10.0	17.4	ug/L	123		SW846 8260B
	5.0	10.0	17.1	ug/L	121	1.4	SW846 8260B
Carbon disulfide	ND	10.0	15.3	ug/L	153 a		SW846 8260B
	ND	10.0	15.6	ug/L	156 a	1.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.2	ug/L	122	1.8	SW846 8260B
2-Butanone	ND	10.0	13.8	ug/L	138		SW846 8260B
	ND	10.0	12.3	ug/L	123	12	SW846 8260B
Chloroform	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.6	ug/L	116	5.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	12.2	ug/L	122	2.2	SW846 8260B
Propionitrile	ND	50.0	61.1	ug/L	122		SW846 8260B
	ND	50.0	66.6	ug/L	133	8.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	12.5	ug/L	125		SW846 8260B
	ND	10.0	12.4	ug/L	124	0.48	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	11.8	ug/L	118	2.0	SW846 8260B
Carbon tetrachloride	ND	10.0	12.3	ug/L	123		SW846 8260B
	ND	10.0	12.3	ug/L	123	0.08	SW846 8260B
1,2-Dichloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.9	ug/L	119	7.7	SW846 8260B
Benzene	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	12.1	ug/L	121	1.9	SW846 8260B
Trichloroethene	ND	10.0	12.0	ug/L	120		SW846 8260B
	ND	10.0	12.2	ug/L	122	1.5	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.9	ug/L	119	8.0	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.5	ug/L	115	2.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL712 **Work Order #...:** J7XQJ1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I290106-001 J7XQJ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	**ND**	**10.0**	**9.86**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**10.1**	**ug/L**	**101**	**2.4**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**53.3**	**ug/L**	**107**		**SW846 8260B**
	ND	**50.0**	**56.9**	**ug/L**	**114**	**6.6**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**11.2**	**ug/L**	**112**		**SW846 8260B**
	ND	**10.0**	**11.8**	**ug/L**	**118**	**5.3**	**SW846 8260B**
1-Butanol	**ND**	**100**	**129**	**ug/L**	**129**		**SW846 8260B**
	ND	**100**	**122**	**ug/L**	**122**	**5.8**	**SW846 8260B**
Toluene	**ND**	**10.0**	**12.2**	**ug/L**	**122**		**SW846 8260B**
	ND	**10.0**	**12.6**	**ug/L**	**126**	**3.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
	104	(69 - 119)
Dibromofluoromethane	103	(74 - 134)
	103	(74 - 134)
1,2-Dichloroethane-d4	103	(72 - 128)
	103	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)
	94	(71 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

a Spiked analyte recovery is outside stated control limits.

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1NHC1

GC/MS Semivolatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N1AF **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7270267
Dilution Factor: 1 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Cresols (total)	ND	20	ug/L	3.2
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	1.2
2-Picoline	ND	20	ug/L	5.5
Phenol	ND	10	ug/L	4.0
1,4-Dichlorobenzene	ND	10	ug/L	1.0
2-Methylphenol	ND	10	ug/L	2.0
2-Nitrophenol	ND	10	ug/L	1.0
2,4-Dichlorophenol	ND	10	ug/L	1.0
Naphthalene	ND	10	ug/L	1.0
Pentachlorophenol	ND	50	ug/L	2.0
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.0
Benzothiazole	ND	10	ug/L	1.0
Tributyl phosphate	ND	10	ug/L	1.1
Tris(2-chloroethyl)phosphate	ND	10	ug/L	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	41	(26 - 74)
Phenol-d5	26	(18 - 86)
Nitrobenzene-d5	65	(39 - 94)
2-Fluorobiphenyl	57	(42 - 95)
2,4,6-Tribromophenol	60	(49 - 96)
Terphenyl-d14	68	(31 - 104)

Fluor Hanford Inc

B1NHC1

GC/MS Semivolatiles

Lot-Sample #: F7I260278-002 **Work Order #:** J7N7N1AF **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J7RNW1AA **Matrix.....:** WATER
MB Lot-Sample #: F7I270000-267

Prep Date.....: 09/27/07
Analysis Date..: 10/17/07 **Prep Batch #...:** 7270267
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	41	(26 - 67)
Phenol-d5	27	(19 - 45)
Nitrobenzene-d5	60	(45 - 96)
2-Fluorobiphenyl	52	(50 - 100)
2,4,6-Tribromophenol	54 *	(55 - 103)
Terphenyl-d14	65	(40 - 106)

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/MS Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J7RNW1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I270000-267
Prep Date.....: 09/27/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7270267
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
3-Methylphenol & 4-Methylphenol	**100**	**56.6**	**ug/L**	**57**	**SW846 8270C**
Phenol	**100**	**27.3**	**ug/L**	**27**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**47.6**	**ug/L**	**48**	**SW846 8270C**
2-Methylphenol	**100**	**55.6**	**ug/L**	**56**	**SW846 8270C**
2-Nitrophenol	**100**	**65.8**	**ug/L**	**66**	**SW846 8270C**
2,4-Dichlorophenol	**100**	**63.5**	**ug/L**	**64**	**SW846 8270C**
Naphthalene	**100**	**54.9**	**ug/L**	**55**	**SW846 8270C**
Pentachlorophenol	**100**	**63.3**	**ug/L**	**63**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**100**	**68.3**	**ug/L**	**68**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	42	(26 - 67)
Phenol-d5	28	(19 - 45)
Nitrobenzene-d5	66	(45 - 96)
2-Fluorobiphenyl	59	(50 - 100)
2,4,6-Tribromophenol	65	(55 - 103)
Terphenyl-d14	67	(40 - 106)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J7N7N1AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I260278-002 J7N7N1AP-MSD
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7270267
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Methylphenol & 4-Methylphenol	**ND**	**94.8**	**53.2**	**ug/L**	**56**		**SW846 8270C**
	ND	**95.0**	**54.1**	**ug/L**	**57**	**1.6**	**SW846 8270C**
Phenol	**ND**	**94.8**	**24.4**	**ug/L**	**26**		**SW846 8270C**
	ND	**95.0**	**25.0**	**ug/L**	**26**	**2.1**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**94.8**	**46.9**	**ug/L**	**49**		**SW846 8270C**
	ND	**95.0**	**48.2**	**ug/L**	**51**	**2.8**	**SW846 8270C**
2-Methylphenol	**ND**	**94.8**	**52.4**	**ug/L**	**55**		**SW846 8270C**
	ND	**95.0**	**53.3**	**ug/L**	**56**	**1.8**	**SW846 8270C**
2-Nitrophenol	**ND**	**94.8**	**63.0**	**ug/L**	**66**		**SW846 8270C**
	ND	**95.0**	**63.1**	**ug/L**	**66**	**0.09**	**SW846 8270C**
2,4-Dichlorophenol	**ND**	**94.8**	**61.3**	**ug/L**	**65**		**SW846 8270C**
	ND	**95.0**	**61.4**	**ug/L**	**65**	**0.01**	**SW846 8270C**
Naphthalene	**ND**	**94.8**	**55.6**	**ug/L**	**59**		**SW846 8270C**
	ND	**95.0**	**55.4**	**ug/L**	**58**	**0.30**	**SW846 8270C**
Pentachlorophenol	**ND**	**94.8**	**60.2**	**ug/L**	**63**		**SW846 8270C**
	ND	**95.0**	**63.6**	**ug/L**	**67**	**5.5**	**SW846 8270C**
bis(2-Ethylhexyl) phthalate	**ND**	**94.8**	**64.8**	**ug/L**	**68**		**SW846 8270C**
	ND	**95.0**	**66.8**	**ug/L**	**70**	**3.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	42	(26 - 74)
	41	(26 - 74)
Phenol-d5	27	(18 - 86)
	27	(18 - 86)
Nitrobenzene-d5	67	(39 - 94)
	67	(39 - 94)
2-Fluorobiphenyl	64	(42 - 95)
	63	(42 - 95)
2,4,6-Tribromophenol	65	(49 - 96)
	67	(49 - 96)
Terphenyl-d14	67	(31 - 104)
	68	(31 - 104)

NOTE(S):

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

Bold print denotes control parameters

VOLATILE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1P5K9

GC Volatiles

Lot-Sample #...: F7I250206-002 **Work Order #...:** J7K341AE **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7269167
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	106	(35 - 139)

Fluor Hanford Inc

Client Sample ID: B1P5M3

GC Volatiles

Lot-Sample #...: F7I260269-002 **Work Order #...:** J7N421AE **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7271096
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	106	(35 - 139)

Fluor Hanford Inc

Client Sample ID: BJNHC1

GC Volatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N1AD **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7275193
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	108	(85 - 115)

Fluor Hanford Inc

Client Sample ID: B1P5N0

GC Volatiles

Lot-Sample #...: F7I270224-002 **Work Order #...:** J7RD41AE **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7271096
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	105	(35 - 139)

Fluor Hanford Inc

Client Sample ID: B1P5L6

GC Volatiles

Lot-Sample #...: F7I270224-004 **Work Order #...:** J7REL1AE **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7271096
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	106	(35 - 139)

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J7MR51AA **Matrix.....:** WATER
MB Lot-Sample #: F7I260000-167

Prep Date.....: 09/26/07
Analysis Date..: 09/26/07 **Prep Batch #...:** 7269167
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	107	(35 - 139)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J7VA31AA **Matrix.....:** WATER
MB Lot-Sample #: F7I280000-096

Prep Date.....: 09/28/07
Analysis Date..: 09/28/07 **Prep Batch #...:** 7271096
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	106	(35 - 139)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J725T1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J020000-193

Prep Date.....: 09/28/07
Analysis Date..: 09/28/07 **Prep Batch #...:** 7275193
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	106	(85 - 115)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J7MR51AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I260000-167
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7269167
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	120 *	(85 - 115)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J7VA31AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I280000-096
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7271096
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Volatile Petroleum Hydrocarbons	**1.00**	**0.848**	**mg/L**	**85**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	113	(85 - 115)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: SL712 **Work Order #...:** J725T1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J020000-193
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7275193
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Volatile Petroleum Hydroc	**1.00**	**0.848**	**mg/L**	**85**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	113	(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 #...: SL712 **Work Order #...:** J7K341AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I250206-002 J7K341AP-MSD
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/26/07
Prep Batch #...: 7269167
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydrocarbons	**ND**	**1.00**	**0.978**	**mg/L**	**98**		**SW846 8015 MOD**
	ND	**1.00**	**0.965**	**mg/L**	**96**	**1.4**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	115	(35 - 139)
	117	(35 - 139)

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 #...: SL712 **Work Order #...:** J7RD41AL-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I270224-002 J7RD41AM-MSD
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 09/28/07 **Analysis Date..:** 09/28/07
Prep Batch #...: 7271096
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Volatile Petroleum Hydrocarbons	**ND**	**1.00**	**0.976**	**mg/L**	**98**		**SW846 8015 MOD**
	ND	**1.00**	**0.963**	**mg/L**	**96**	**1.3**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	82	(35 - 139)
	89	(35 - 139)

NOTE(S):

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

Bold print denotes control parameters

EXTRACTABLE PETROLEUM HYDROCARBONS

Fluor Hanford Inc

Client Sample ID: B1P5K9

GC Semivolatiles

Lot-Sample #...: F7I250206-002 **Work Order #...:** J7K341AC **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/29/07
Prep Batch #...: 7269348
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5K9

GC Semivolatiles

Lot-Sample #...: F7I250206-002 **Work Order #...:** J7K341AD **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07
Prep Date.....: 09/26/07 **Analysis Date..:** 09/29/07
Prep Batch #...: 7269348
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Kerosene	ND	0.50	mg/L	0.036

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5M3

GC Semivolatiles

Lot-Sample #...: F7I260269-002 **Work Order #...:** J7N421AC **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5M3

GC Semivolatiles

Lot-Sample #...: F7I260269-002 **Work Order #...:** J7N421AD **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Kerosene	ND	0.50	mg/L	0.036

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1NHC1

GC Semivolatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N1AQ **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1NHC1

GC Semivolatiles

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N1AR **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Kerosene	ND	0.50	mg/L	0.036

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5N0

GC Semivolatiles

Lot-Sample #...: F7I270224-002 **Work Order #...:** J7RD41AC **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	69	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5N0

GC Semivolatiles

Lot-Sample #...: F7I270224-002 **Work Order #...:** J7RD41AD **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Kerosene	ND	0.50	mg/L	0.036

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	69	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5L6

GC Semivolatiles

Lot-Sample #...: F7I270224-004 **Work Order #...:** J7REL1AC **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	75	(53 - 171)

Fluor Hanford Inc

Client Sample ID: B1P5L6

GC Semivolatiles

Lot-Sample #...: F7I270224-004 **Work Order #...:** J7REL1AD **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1 **Method.....:** SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Kerosene	ND	0.50	mg/L	0.036

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	75	(53 - 171)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J7QCR1AA **Matrix.....:** WATER
MB Lot-Sample #: F7I260000-348

Prep Date.....: 09/26/07
Analysis Date..: 09/28/07 **Prep Batch #...:** 7269348
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	79	(53 - 171)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J745X1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J030000-047

Prep Date.....: 09/27/07
Analysis Date..: 10/06/07 **Prep Batch #...:** 7276047
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	93	(74 - 147)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: SL712 **Work Order #...:** J75CH1AA **Matrix.....:** WATER
MB Lot-Sample #: F7J030000-110

Prep Date.....: 10/03/07
Analysis Date..: 10/06/07 **Prep Batch #...:** 7276110
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	82	(74 - 147)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J7QCR1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7I260000-348
Prep Date.....: 09/26/07 **Analysis Date..:** 09/29/07
Prep Batch #...: 7269348
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.45**	**mg/L**	**58**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	118	(74 - 147)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J745X1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J030000-047
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.80**	**mg/L**	**72**	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	137	(74 - 147)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL712 **Work Order #...:** J75CH1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7J030000-110
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH - Diesel Range - WTPH	**2.50**	**1.82**	**mg/L**	73	**SW846 8015 MO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	127	(74 - 147)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL712
MS Lot-Sample #: F7I250206-002
Date Sampled...: 09/24/07
Prep Date.....: 09/26/07
Prep Batch #...: 7269348
Dilution Factor: 1

Work Order #...: J7K341AL-MS
J7K341AM-MSD
Date Received..: 09/25/07
Analysis Date..: 09/29/07

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.38**	**1.54**	**mg/L**	**65**		**SW846 8015 MOD**
	ND	**2.38**	**1.53**	**mg/L**	**64**	**0.32**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	127	(53 - 171)
	126	(53 - 171)

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 #...: SL712 **Work Order #...:** J7N7N1A5-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I260278-002 J7N7N1A6-MSD
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07
Prep Date.....: 09/27/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276047
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	ND	**2.37**	**1.90**	**mg/L**	**80**		SW846 8015 MOD
	ND	2.38	1.62	mg/L	68	15	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	149	(53 - 171)
	142	(53 - 171)

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 #...: SL712 **Work Order #...:** J7RD41AN-MS **Matrix.....:** WATER
MS Lot-Sample #: F7I270224-002 J7RD41AP-MSD
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07
Prep Date.....: 10/03/07 **Analysis Date..:** 10/06/07
Prep Batch #...: 7276110
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH - Diesel Range - WTPH	**ND**	**2.37**	**1.78**	**mg/L**	**75**		**SW846 8015 MOD**
	ND	**2.38**	**1.71**	**mg/L**	**72**	**4.0**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	132	(53 - 171)
	130	(53 - 171)

NOTE(S):

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

Bold print denotes control parameters

METALS

Fluor Hanford Inc

Client Sample ID: B1P5K8

DISSOLVED Metals

Lot-Sample #...: F7I250206-001 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7K3V1A1
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #...: 7274399						
Lithium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AA
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AC
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**26.4 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**24200 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**8.6 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**7700 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AN**
		Dilution Factor: 2		MDL.....: 256		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1P5K8

DISSOLVED Metals

Lot-Sample #...: F7I250206-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4830 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AT
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	**23100 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**105 D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**27.7 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K3V1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7K3V1AX
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**2.9 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7K3V1A2**
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J7K3V1A0
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P973

DISSOLVED Metals

Lot-Sample #...: F7I250214-007 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274399						
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**60.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**66400 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**6.7 B,D**	**20.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16800 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6160 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P973

DISSOLVED Metals

Lot-Sample #...: F7I250214-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22700 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**317 D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**12.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7K8E1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7K8E1AV
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**2.0 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7K8E1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1PFT7

DISSOLVED Metals

Lot-Sample #...: F7I250228-001 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7LDD1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PFT8

DISSOLVED Metals

Lot-Sample #...: F7I250228-002 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7LDW1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PFV3

DISSOLVED Metals

Lot-Sample #...: F7I250228-003 **Matrix.....:** WATER
Date Sampled...: 09/23/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7LEA1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1PFV4

DISSOLVED Metals

Lot-Sample #...: F7I250228-004 **Matrix.....:** WATER
Date Sampled...: 09/23/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7LE71AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1P5M2

DISSOLVED Metals

Lot-Sample #...: F7I260269-001 **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7N4P1A1
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #...: 7274399						
Lithium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AA
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AC
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**24.1 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**23800 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**38.3 D**	**20.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AJ**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**7790 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AN**
		Dilution Factor: 2		MDL.....: 256		

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Fluor Hanford Inc

Client Sample ID: B1P5M2

DISSOLVED Metals

Lot-Sample #...: F7I260269-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AT
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	**23900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**99.2 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**31.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N4P1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7N4P1AX
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**3.6 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7N4P1A2**
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J7N4P1A0
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1NHC0

DISSOLVED Metals

Lot-Sample #...: F7I260278-001 **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7N7K1A2
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #...: 7274399						
Lithium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AC
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AD
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AE
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**38.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AF**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AG
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AH
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**39500 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AJ**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AK
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AL
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AM
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AN
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**12200 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AP**
		Dilution Factor: 2		MDL.....: 256		

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Fluor Hanford Inc

Client Sample ID: B1NHC0

DISSOLVED Metals

Lot-Sample #...: F7I260278-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AQ
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AR
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**4870 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AT**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1AU
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	**15700 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AV**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**187 D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AW**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**24.1 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N7K1AX**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7N7K1A0
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**2.0 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7N7K1AA**
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J7N7K1A1
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8V1

DISSOLVED Metals

Lot-Sample #...: F7I260285-001 **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274399						
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**159 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**181000 D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**23.7 D**	**20.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AH**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**47500 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**4.0 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**13800 B,D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AQ**
		Dilution Factor: 5		MDL.....: 8160		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P8V1

DISSOLVED Metals

Lot-Sample #...: F7I260285-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**51400 D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AT**
		Dilution Factor: 5		MDL.....: 393		
Strontium	**909 D**	**250**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9H1AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9H1AW
		Dilution Factor: 5		MDL.....: 48.2		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P940

DISSOLVED Metals

Lot-Sample #...: F7I260285-002 **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274399						
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**99.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**111000 D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AF**
		Dilution Factor: 5		MDL.....: 500		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**22100 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**10500 B,D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AP**
		Dilution Factor: 5		MDL.....: 8160		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P940

DISSOLVED Metals

Lot-Sample #...: F7I260285-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23100 B,D**	**25000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AR**
		Dilution Factor: 5		MDL.....: 393		
Strontium	**467 D**	**250**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7N9K1AT**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7N9K1AV
		Dilution Factor: 5		MDL.....: 48.2		
Prep Batch #...: 7274405						
Arsenic	**1.7 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7N9K1AW**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P5M9

DISSOLVED Metals

Lot-Sample #...: F7I270224-001 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7RDT1A1
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #...: 7274399						
Lithium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AA
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AC
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**17.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**18600 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**5990 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AN**
		Dilution Factor: 2		MDL.....: 256		

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Fluor Hanford Inc

Client Sample ID: B1P5M9

DISSOLVED Metals

Lot-Sample #...: F7I270224-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	ND D	10000	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AR
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AT
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	**18200 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**91.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**31.6 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7RDT1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7RDT1AX
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**4.1 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7RDT1A2**
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J7RDT1A0
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P5L5

DISSOLVED Metals

Lot-Sample #...: F7I270224-003 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J7REF1A1
		Dilution Factor: 1		MDL.....: 0.093		
Prep Batch #...: 7274399						
Lithium	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AA
		Dilution Factor: 2		MDL.....: 20.6		
Aluminum	ND D	400	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AC
		Dilution Factor: 2		MDL.....: 109		
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AD
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**25.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AE**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AF
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AG
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**23800 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AH**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AJ
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AK
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AL
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AM
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**7570 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AN**
		Dilution Factor: 2		MDL.....: 256		

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Fluor Hanford Inc

Client Sample ID: B1P5L5

DISSOLVED Metals

Lot-Sample #...: F7I270224-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND D	30.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AP
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AQ
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7000 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AR**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AT
		Dilution Factor: 2		MDL.....: 3.4		
Sodium	**17900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AU**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**110 D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AV**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**31.9 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7REF1AW**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7REF1AX
		Dilution Factor: 2		MDL.....: 19.3		
Prep Batch #...: 7274405						
Arsenic	**3.7 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7REF1A2**
		Dilution Factor: 1		MDL.....: 1.6		
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J7REF1A0
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1PJV9

DISSOLVED Metals

Lot-Sample #...: F7I270240-001 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274405						
Arsenic	**4.8 B**	**10.0**	**ug/L**	**SW846 6020**	**10/01-10/08/07**	**J7RF21AA**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1PJW0

TOTAL Metals

Lot-Sample #...: F7I270240-002 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7282292						
Arsenic	**4.2 B**	**10.0**	**ug/L**	**SW846 6020**	**10/09-10/12/07**	**J7RF91AC**
		Dilution Factor: 1		MDL.....: 1.6		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8V6

DISSOLVED Metals

Lot-Sample #...: F7I290108-001 **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274399						
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**39.8 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**36900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**11900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.8 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**9910 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P8V6

DISSOLVED Metals

Lot-Sample #...: F7I290108-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**22800 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	218 D	100	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**14.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQL1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQL1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P8W0

DISSOLVED Metals

Lot-Sample #...: F7I290108-002 **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7274399						
Antimony	ND D	120	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**37.9 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**35200 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**11300 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**2.6 B,D**	**30.0**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AN**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**5280 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1P8W0

DISSOLVED Metals

Lot-Sample #...: F7I290108-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21400 D**	**10000**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**207 D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**14.4 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/01-10/12/07**	**J7XQM1AV**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/01-10/12/07	J7XQM1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1P9B5

DISSOLVED Metals

Lot-Sample #...: F7J020140-001 **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7283210						
Antimony	ND D	300	ug/L	SW846 6010B	10/10-10/17/07	J72481AC
		Dilution Factor: 5		MDL.....: 224		
Barium	**200 B,D**	**1000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AD**
		Dilution Factor: 5		MDL.....: 25.0		
Beryllium	ND D	25.0	ug/L	SW846 6010B	10/10-10/17/07	J72481AE
		Dilution Factor: 5		MDL.....: 5.3		
Cadmium	ND D	25.0	ug/L	SW846 6010B	10/10-10/17/07	J72481AF
		Dilution Factor: 5		MDL.....: 17.7		
Calcium	**208000 D,N**	**25000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AG**
		Dilution Factor: 5		MDL.....: 500		
Chromium	**41.0 B,C,D**	**50.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AH**
		Dilution Factor: 5		MDL.....: 12.3		
Cobalt	**10.8 B,D**	**250**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AJ**
		Dilution Factor: 5		MDL.....: 10		
Copper	ND D	125	ug/L	SW846 6010B	10/10-10/17/07	J72481AK
		Dilution Factor: 5		MDL.....: 9.8		
Iron	**349 D**	**200**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J72481AL**
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**58000 D**	**25000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AM**
		Dilution Factor: 5		MDL.....: 640		
Manganese	**9.2 B,D**	**75.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AN**
		Dilution Factor: 5		MDL.....: 5.2		
Nickel	ND D	200	ug/L	SW846 6010B	10/10-10/17/07	J72481AP
		Dilution Factor: 5		MDL.....: 22.8		
Potassium	**21100 B,D,N**	**25000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AQ**
		Dilution Factor: 5		MDL.....: 8160		
Silver	ND D	50.0	ug/L	SW846 6010B	10/10-10/17/07	J72481AR
		Dilution Factor: 5		MDL.....: 8.4		

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Fluor Hanford Inc

Client Sample ID: B1P9B5

DISSOLVED Metals

Lot-Sample #...: F7J020140-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**164000 D,N**	**25000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AT**
		Dilution Factor: 5		MDL.....: 393		
Strontium	**1310 D,N**	**250**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J72481AU**
		Dilution Factor: 5		MDL.....: 2.8		
Vanadium	ND D	250	ug/L	SW846 6010B	10/10-10/17/07	J72481AV
		Dilution Factor: 5		MDL.....: 30.3		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/10-10/16/07	J72481AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Fluor Hanford Inc

Client Sample ID: B1NK69

DISSOLVED Metals

Lot-Sample #...: F7J020161-001 **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7283210						
Antimony	ND D	120	ug/L	SW846 6010B	10/10-10/17/07	J725F1AC
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**91.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J725F1AD**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AE
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AF
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**86900 D,N**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J725F1AG**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AH
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/10-10/17/07	J725F1AJ
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AK
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/10-10/16/07	J725F1AL
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**16900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J725F1AM**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AN
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AP
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**8270 B,D,N**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J725F1AQ**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/10-10/17/07	J725F1AR
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1NK69

DISSOLVED Metals

Lot-Sample #...: F7J020161-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**23700 D,N**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J725F1AT**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**402 D,N**	**100**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J725F1AU**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	10/10-10/17/07	J725F1AV
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/10-10/16/07	J725F1AW
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1P5X2

DISSOLVED Metals

Lot-Sample #...: F7J030129-001 **Matrix.....:** WATER
Date Sampled...: 10/02/07 **Date Received..:** 10/03/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7283211						
Arsenic	ND	10.0	ug/L	SW846 6020	10/10-10/12/07	J75MJ1AA
		Dilution Factor: 1		MDL.....: 1.6		

Fluor Hanford Inc

Client Sample ID: B1PDX1

DISSOLVED Metals

Lot-Sample #...: F7J040165-001 **Matrix.....:** WATER
Date Sampled...: 10/03/07 **Date Received..:** 10/04/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7283210						
Antimony	ND D	120	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**62.5 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78MF1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**55900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78MF1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	ND D	20.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AG
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	ND D	100	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AH
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/10-10/16/07	J78MF1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**11900 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78MF1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	ND D	30.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AM
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**7270 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J78MF1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	ND D	20.0	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AQ
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1PDX1

DISSOLVED Metals

Lot-Sample #...: F7J040165-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**121000 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J78MF1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**385 D,N**	**100**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78MF1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND D	100	ug/L	SW846 6010B	10/10-10/17/07	J78MF1AU
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	ND D	40.0	ug/L	SW846 6010B	10/10-10/16/07	J78MF1AV
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1N563

DISSOLVED Metals

Lot-Sample #...: F7J040187-001 **Matrix.....:** WATER
Date Sampled...: 10/03/07 **Date Received..:** 10/04/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7283210						
Antimony	ND D	120	ug/L	SW846 6010B	10/10-10/17/07	J78TA1AA
		Dilution Factor: 2		MDL.....: 89.7		
Barium	**78.6 B,D**	**400**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AC**
		Dilution Factor: 2		MDL.....: 10.0		
Beryllium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J78TA1AD
		Dilution Factor: 2		MDL.....: 2.1		
Cadmium	ND D	10.0	ug/L	SW846 6010B	10/10-10/17/07	J78TA1AE
		Dilution Factor: 2		MDL.....: 7.1		
Calcium	**62000 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AF**
		Dilution Factor: 2		MDL.....: 200		
Chromium	**61.7 C,D**	**20.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AG**
		Dilution Factor: 2		MDL.....: 4.9		
Cobalt	**4.8 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AH**
		Dilution Factor: 2		MDL.....: 4.0		
Copper	ND D	50.0	ug/L	SW846 6010B	10/10-10/17/07	J78TA1AJ
		Dilution Factor: 2		MDL.....: 3.9		
Iron	ND D	200	ug/L	SW846 6010B	10/10-10/16/07	J78TA1AK
		Dilution Factor: 2		MDL.....: 37.2		
Magnesium	**21200 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AL**
		Dilution Factor: 2		MDL.....: 256		
Manganese	**58.7 D**	**30.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AM**
		Dilution Factor: 2		MDL.....: 2.1		
Nickel	ND D	80.0	ug/L	SW846 6010B	10/10-10/17/07	J78TA1AN
		Dilution Factor: 2		MDL.....: 9.1		
Potassium	**6750 B,D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J78TA1AP**
		Dilution Factor: 2		MDL.....: 3270		
Silver	**5.0 B,C,D**	**20.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AQ**
		Dilution Factor: 2		MDL.....: 3.4		

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Fluor Hanford Inc

Client Sample ID: B1N563

DISSOLVED Metals

Lot-Sample #...: F7J040187-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**56300 D**	**10000**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J78TA1AR**
		Dilution Factor: 2		MDL.....: 157		
Strontium	**304 D,N**	**100**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AT**
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	**20.0 B,D**	**100**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J78TA1AU**
		Dilution Factor: 2		MDL.....: 12.1		
Zinc	**26.3 B,D**	**40.0**	**ug/L**	**SW846 6010B**	**10/10-10/16/07**	**J78TA1AV**
		Dilution Factor: 2		MDL.....: 19.3		

NOTE(S):

D Result was obtained from the analysis of a dilution.

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7J090000-292 **Prep Batch #...:** 7282292						
Arsenic	ND	10.0	ug/L	SW846 6020	10/09-10/12/07	J8H3C1AA
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F7J010000-071 **Prep Batch #...:** 7274071						
Mercury	ND	0.20	ug/L	SW846 7470A	10/01/07	J70081AA
		Dilution Factor: 1				
MB Lot-Sample #: F7J010000-399 **Prep Batch #...:** 7274399						
Lithium	ND	50.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AA
		Dilution Factor: 1				
Aluminum	ND	200	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AC
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AD
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AE
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AF
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AG
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AH
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AJ
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AK
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AL
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AM
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AN
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AP
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	40.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AQ
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AR
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AT
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AU
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AV
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AW
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	10/01-10/12/07	J71TR1AX
		Dilution Factor: 1				

MB Lot-Sample #: F7J010000-405 **Prep Batch #...:** 7274405

Arsenic	ND	10.0	ug/L	SW846 6020	10/01-10/08/07	J71TV1AC
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6020	10/01-10/08/07	J71TV1AA
		Dilution Factor: 1				

MB Lot-Sample #: F7J100000-210 **Prep Batch #...:** 7283210

Antimony	ND	60.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	10/10-10/17/07	J8K191AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	10/10-10/17/07	J8K191AF
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J8K191AG**
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	10/10-10/16/07	J8K191AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	10/10-10/17/07	J8K191AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	10/10-10/16/07	J8K191AP
		Dilution Factor: 1				
Silver	**1.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**10/10-10/17/07**	**J8K191AQ**
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	10/10-10/16/07	J8K191AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	10/10-10/17/07	J8K191AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	10/10-10/16/07	J8K191AV
		Dilution Factor: 1				

MB Lot-Sample #: F7J100000-211 **Prep Batch #...:** 7283211

Arsenic	ND	10.0	ug/L	SW846 6020	10/10-10/12/07	J8K2C1AA
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7J090000-292 **Prep Batch #...:** 7282292							
Arsenic	500	498	ug/L	100	SW846 6020	10/09-10/12/07	J8H3C1AC
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7J010000-071 **Prep Batch #...:** 7274071							
Mercury	1.00	0.879	ug/L	88	SW846 7470A	10/01/07	J70081AC
			Dilution Factor: 1				
LCS Lot-Sample#: F7J010000-399 **Prep Batch #...:** 7274399							
Lithium	1000	1020	ug/L	102	SW846 6010B	10/01-10/12/07	J71TR1A0
			Dilution Factor: 1				
Aluminum	500	555	ug/L	111	SW846 6010B	10/01-10/12/07	J71TR1A1
			Dilution Factor: 1				
Antimony	500	496	ug/L	99	SW846 6010B	10/01-10/12/07	J71TR1A2
			Dilution Factor: 1				
Barium	500	519	ug/L	104	SW846 6010B	10/01-10/12/07	J71TR1A3
			Dilution Factor: 1				
Beryllium	500	532	ug/L	106	SW846 6010B	10/01-10/12/07	J71TR1A4
			Dilution Factor: 1				
Cadmium	500	508	ug/L	102	SW846 6010B	10/01-10/12/07	J71TR1A5
			Dilution Factor: 1				
Calcium	10000	9970	ug/L	100	SW846 6010B	10/01-10/12/07	J71TR1A6
			Dilution Factor: 1				
Chromium	500	498	ug/L	100	SW846 6010B	10/01-10/12/07	J71TR1A7
			Dilution Factor: 1				
Cobalt	500	491	ug/L	98	SW846 6010B	10/01-10/12/07	J71TR1A8
			Dilution Factor: 1				
Copper	500	496	ug/L	99	SW846 6010B	10/01-10/12/07	J71TR1A9
			Dilution Factor: 1				
Iron	500	432	ug/L	86	SW846 6010B	10/01-10/12/07	J71TR1CA
			Dilution Factor: 1				
Magnesium	10000	9750	ug/L	98	SW846 6010B	10/01-10/12/07	J71TR1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	515	ug/L	103	SW846 6010B	10/01-10/12/07	J71TR1CD
			Dilution Factor: 1				
Nickel	500	468	ug/L	94	SW846 6010B	10/01-10/12/07	J71TR1CE
			Dilution Factor: 1				
Potassium	10000	10500	ug/L	105	SW846 6010B	10/01-10/12/07	J71TR1CF
			Dilution Factor: 1				
Silver	125	121	ug/L	97	SW846 6010B	10/01-10/12/07	J71TR1CG
			Dilution Factor: 1				
Sodium	10000	10800	ug/L	108	SW846 6010B	10/01-10/12/07	J71TR1CH
			Dilution Factor: 1				
Strontium	500	540	ug/L	108	SW846 6010B	10/01-10/12/07	J71TR1CJ
			Dilution Factor: 1				
Vanadium	500	495	ug/L	99	SW846 6010B	10/01-10/12/07	J71TR1CK
			Dilution Factor: 1				
Zinc	500	503	ug/L	101	SW846 6010B	10/01-10/12/07	J71TR1CL
			Dilution Factor: 1				
LCS Lot-Sample#: F7J010000-405 **Prep Batch #...:** 7274405							
Lead	500	483	ug/L	97	SW846 6020	10/01-10/08/07	J71TV1AD
			Dilution Factor: 1				
Arsenic	500	480	ug/L	96	SW846 6020	10/01-10/08/07	J71TV1AE
			Dilution Factor: 1				
LCS Lot-Sample#: F7J100000-210 **Prep Batch #...:** 7283210							
Antimony	500	534	ug/L	107	SW846 6010B	10/10-10/17/07	J8K191AW
			Dilution Factor: 1				
Barium	500	535	ug/L	107	SW846 6010B	10/10-10/17/07	J8K191AX
			Dilution Factor: 1				
Beryllium	500	564	ug/L	113	SW846 6010B	10/10-10/17/07	J8K191A0
			Dilution Factor: 1				
Cadmium	500	539	ug/L	108	SW846 6010B	10/10-10/17/07	J8K191A1
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium	10000	10200	ug/L	102	SW846 6010B	10/10-10/17/07	J8K191A2
			Dilution Factor: 1				
Chromium	500	530	ug/L	106	SW846 6010B	10/10-10/17/07	J8K191A3
			Dilution Factor: 1				
Cobalt	500	520	ug/L	104	SW846 6010B	10/10-10/17/07	J8K191A4
			Dilution Factor: 1				
Copper	500	513	ug/L	103	SW846 6010B	10/10-10/17/07	J8K191A5
			Dilution Factor: 1				
Iron	500	583	ug/L	117	SW846 6010B	10/10-10/16/07	J8K191A6
			Dilution Factor: 1				
Magnesium	10000	9790	ug/L	98	SW846 6010B	10/10-10/17/07	J8K191A7
			Dilution Factor: 1				
Manganese	500	536	ug/L	107	SW846 6010B	10/10-10/17/07	J8K191A8
			Dilution Factor: 1				
Nickel	500	525	ug/L	105	SW846 6010B	10/10-10/17/07	J8K191A9
			Dilution Factor: 1				
Potassium	10000	10600	ug/L	106	SW846 6010B	10/10-10/16/07	J8K191CA
			Dilution Factor: 1				
Silver	125	131	ug/L	105	SW846 6010B	10/10-10/17/07	J8K191CC
			Dilution Factor: 1				
Sodium	10000	11100	ug/L	111	SW846 6010B	10/10-10/16/07	J8K191CD
			Dilution Factor: 1				
Strontium	500	568	ug/L	114	SW846 6010B	10/10-10/17/07	J8K191CE
			Dilution Factor: 1				
Vanadium	500	527	ug/L	105	SW846 6010B	10/10-10/17/07	J8K191CF
			Dilution Factor: 1				
Zinc	500	547	ug/L	109	SW846 6010B	10/10-10/16/07	J8K191CG
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F7J100000-211 **Prep Batch #...:** 7283211							
Arsenic	500	507	ug/L	101	SW846 6020	10/10-10/12/07	J8K2C1AC

Dilution Factor: 1

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7I270240-002 **Prep Batch #...:** 7282292									
Arsenic									
	4.2	1000	944	ug/L	94		SW846 6020	10/09-10/12/07	J7RF91AD
	4.2	1000	927	ug/L	92	1.8	SW846 6020	10/09-10/12/07	J7RF91AE

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 #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7I250206-001 **Prep Batch #...:** 7274071									
Mercury									
	ND	1.00	0.876	ug/L	88		SW846 7470A	10/01/07	J7K3V1A5
	ND	1.00	0.874	ug/L	87	0.22	SW846 7470A	10/01/07	J7K3V1A6
			Dilution Factor: 1						
MS Lot-Sample #: F7I250206-001 **Prep Batch #...:** 7274399									
Lithium									
	ND	1000	916 D	ug/L	92		SW846 6010B	10/01-10/12/07	J7K3V1A9
	ND	1000	937 D	ug/L	94	2.3	SW846 6010B	10/01-10/12/07	J7K3V1CA
			Dilution Factor: 2						
Aluminum									
	ND	1000	1110 D	ug/L	111		SW846 6010B	10/01-10/12/07	J7K3V1CC
	ND	1000	1100 D	ug/L	110	0.44	SW846 6010B	10/01-10/12/07	J7K3V1CD
			Dilution Factor: 2						
Antimony									
	ND	250	244 D	ug/L	98		SW846 6010B	10/01-10/12/07	J7K3V1CE
	ND	250	259 D	ug/L	103	5.7	SW846 6010B	10/01-10/12/07	J7K3V1CF
			Dilution Factor: 2						
Barium									
	26.4	1000	1060 D	ug/L	103		SW846 6010B	10/01-10/12/07	J7K3V1CG
	26.4	1000	1120 D	ug/L	109	5.5	SW846 6010B	10/01-10/12/07	J7K3V1CH
			Dilution Factor: 2						
Beryllium									
	ND	25.0	27.1 D	ug/L	108		SW846 6010B	10/01-10/12/07	J7K3V1CJ
	ND	25.0	28.2 D	ug/L	113	3.8	SW846 6010B	10/01-10/12/07	J7K3V1CK
			Dilution Factor: 2						
Cadmium									
	ND	25.0	24.7 D	ug/L	99		SW846 6010B	10/01-10/12/07	J7K3V1CL
	ND	25.0	26.0 D	ug/L	104	5.0	SW846 6010B	10/01-10/12/07	J7K3V1CM
			Dilution Factor: 2						
Calcium									
	24200	25000	48300 D	ug/L	96		SW846 6010B	10/01-10/12/07	J7K3V1CN
	24200	25000	51900 D	ug/L	111	7.1	SW846 6010B	10/01-10/12/07	J7K3V1CP
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	8.6	100	108 D	ug/L	99		SW846 6010B	10/01-10/12/07	J7K3V1CQ
	8.6	100	114 D	ug/L	106	5.7	SW846 6010B	10/01-10/12/07	J7K3V1CR
			Dilution Factor: 2						
Cobalt									
	ND	250	241 D	ug/L	96		SW846 6010B	10/01-10/12/07	J7K3V1CT
	ND	250	254 D	ug/L	102	5.4	SW846 6010B	10/01-10/12/07	J7K3V1CU
			Dilution Factor: 2						
Copper									
	ND	125	127 D	ug/L	102		SW846 6010B	10/01-10/12/07	J7K3V1CV
	ND	125	134 D	ug/L	107	5.3	SW846 6010B	10/01-10/12/07	J7K3V1CW
			Dilution Factor: 2						
Iron									
	ND	500	385 D	ug/L	77		SW846 6010B	10/01-10/12/07	J7K3V1CX
	ND	500	415 D	ug/L	83	7.4	SW846 6010B	10/01-10/12/07	J7K3V1C0
			Dilution Factor: 2						
Magnesium									
	7700	25000	32200 D	ug/L	98		SW846 6010B	10/01-10/12/07	J7K3V1C1
	7700	25000	34200 D	ug/L	106	6.1	SW846 6010B	10/01-10/12/07	J7K3V1C2
			Dilution Factor: 2						
Manganese									
	ND	250	254 D	ug/L	102		SW846 6010B	10/01-10/12/07	J7K3V1C3
	ND	250	268 D	ug/L	107	5.3	SW846 6010B	10/01-10/12/07	J7K3V1C4
			Dilution Factor: 2						
Nickel									
	ND	250	227 D	ug/L	91		SW846 6010B	10/01-10/12/07	J7K3V1C5
	ND	250	241 D	ug/L	96	5.8	SW846 6010B	10/01-10/12/07	J7K3V1C6
			Dilution Factor: 2						
Potassium									
	4830	25000	28500 D	ug/L	95		SW846 6010B	10/01-10/12/07	J7K3V1C7
	4830	25000	29200 D	ug/L	97	2.3	SW846 6010B	10/01-10/12/07	J7K3V1C8
			Dilution Factor: 2						
Silver									
	ND	25.0	23.5 D	ug/L	94		SW846 6010B	10/01-10/12/07	J7K3V1C9
	ND	25.0	25.3 D	ug/L	101	7.2	SW846 6010B	10/01-10/12/07	J7K3V1DA
			Dilution Factor: 2						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	23100	25000	44400 D	ug/L	85		SW846 6010B	10/01-10/12/07	J7K3V1DC
	23100	25000	46700 D	ug/L	94	5.0	SW846 6010B	10/01-10/12/07	J7K3V1DD
			Dilution Factor: 2						
Strontium									
	105	500	634 D	ug/L	106		SW846 6010B	10/01-10/12/07	J7K3V1DE
	105	500	674 D	ug/L	114	6.2	SW846 6010B	10/01-10/12/07	J7K3V1DF
			Dilution Factor: 2						
Vanadium									
	27.7	250	269 D	ug/L	96		SW846 6010B	10/01-10/12/07	J7K3V1DG
	27.7	250	289 D	ug/L	105	7.4	SW846 6010B	10/01-10/12/07	J7K3V1DH
			Dilution Factor: 2						
Zinc									
	ND	250	231 D	ug/L	92		SW846 6010B	10/01-10/12/07	J7K3V1DJ
	ND	250	245 D	ug/L	98	6.2	SW846 6010B	10/01-10/12/07	J7K3V1DK
			Dilution Factor: 2						

MS Lot-Sample #: F7I250206-001 **Prep Batch #...:** 7274405

Arsenic									
	2.9	1000	1040	ug/L	104		SW846 6020	10/01-10/08/07	J7K3V1A7
	2.9	1000	1030	ug/L	103	1.1	SW846 6020	10/01-10/08/07	J7K3V1A8
			Dilution Factor: 1						
Lead									
	ND	250	240	ug/L	96		SW846 6020	10/01-10/08/07	J7K3V1A3
	ND	250	237	ug/L	95	1.3	SW846 6020	10/01-10/08/07	J7K3V1A4
			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.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07

MS Lot-Sample #: F7J020140-001 **Prep Batch #...:** 7283210

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	285 D	ug/L	114		SW846 6010B	10/10-10/17/07	J72481AX
	ND	250	266 D	ug/L	106	7.1	SW846 6010B	10/10-10/17/07	J72481A0
			Dilution Factor: 5						
Barium									
	200	1000	1300 D	ug/L	110		SW846 6010B	10/10-10/17/07	J72481A1
	200	1000	1240 D	ug/L	104	4.9	SW846 6010B	10/10-10/17/07	J72481A2
			Dilution Factor: 5						
Beryllium									
	ND	25.0	30.6 D	ug/L	122		SW846 6010B	10/10-10/17/07	J72481A3
	ND	25.0	30.4 D	ug/L	122	0.32	SW846 6010B	10/10-10/17/07	J72481A4
			Dilution Factor: 5						
Cadmium									
	ND	25.0	27.6 D	ug/L	111		SW846 6010B	10/10-10/17/07	J72481A5
	ND	25.0	25.3 D	ug/L	101	8.9	SW846 6010B	10/10-10/17/07	J72481A6
			Dilution Factor: 5						
Calcium									
	208000	25000	245000	ug/L	146		SW846 6010B	10/10-10/17/07	J72481A7
			Qualifiers: N,D						
	208000	25000	238000	ug/L	120	2.7	SW846 6010B	10/10-10/17/07	J72481A8
			Qualifiers: D						
			Dilution Factor: 5						
Chromium									
	41.0	100	142 D	ug/L	101		SW846 6010B	10/10-10/17/07	J72481A9
	41.0	100	134 D	ug/L	93	6.0	SW846 6010B	10/10-10/17/07	J72481CA
			Dilution Factor: 5						
Cobalt									
	10.8	250	270 D	ug/L	104		SW846 6010B	10/10-10/17/07	J72481CC
	10.8	250	259 D	ug/L	99	4.1	SW846 6010B	10/10-10/17/07	J72481CD
			Dilution Factor: 5						
Copper									
	ND	125	117 D	ug/L	93		SW846 6010B	10/10-10/17/07	J72481CE
	ND	125	107 D	ug/L	86	8.8	SW846 6010B	10/10-10/17/07	J72481CF
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	349	500	874 D	ug/L	105		SW846 6010B	10/10-10/16/07	J72481CG
	349	500	903 D	ug/L	111	3.3	SW846 6010B	10/10-10/16/07	J72481CH
			Dilution Factor: 2						
Magnesium									
	58000	25000	86800 D	ug/L	115		SW846 6010B	10/10-10/17/07	J72481CJ
	58000	25000	84000 D	ug/L	104	3.3	SW846 6010B	10/10-10/17/07	J72481CK
			Dilution Factor: 5						
Manganese									
	9.2	250	286 D	ug/L	111		SW846 6010B	10/10-10/17/07	J72481CL
	9.2	250	272 D	ug/L	105	5.0	SW846 6010B	10/10-10/17/07	J72481CM
			Dilution Factor: 5						
Nickel									
	ND	250	275 D	ug/L	105		SW846 6010B	10/10-10/17/07	J72481CN
	ND	250	261 D	ug/L	99	4.9	SW846 6010B	10/10-10/17/07	J72481CP
			Dilution Factor: 5						
Potassium									
	21100	25000	54300	ug/L	133		SW846 6010B	10/10-10/17/07	J72481CQ
			Qualifiers: N,D						
	21100	25000	50000 D	ug/L	116	8.2	SW846 6010B	10/10-10/17/07	J72481CR
			Dilution Factor: 5						
Silver									
	ND	25.0	28.0 D	ug/L	87		SW846 6010B	10/10-10/17/07	J72481CT
	ND	25.0	26.2 D	ug/L	80	6.4	SW846 6010B	10/10-10/17/07	J72481CU
			Dilution Factor: 5						
Sodium									
	164000	25000	196000	ug/L	129		SW846 6010B	10/10-10/17/07	J72481CV
			Qualifiers: N,D						
	164000	25000	187000	ug/L	94	4.6	SW846 6010B	10/10-10/17/07	J72481CW
			Qualifiers: D						
			Dilution Factor: 5						
Strontium									
	1310	500	1940	ug/L	126		SW846 6010B	10/10-10/17/07	J72481CX
			Qualifiers: N,D						
	1310	500	1880 D	ug/L	113	3.4	SW846 6010B	10/10-10/17/07	J72481C0
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/30/07 **Date Received..:** 10/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	ND	250	279 D	ug/L	105		SW846 6010B	10/10-10/17/07	J72481C1
	ND	250	265 D	ug/L	100	5.1	SW846 6010B	10/10-10/17/07	J72481C2
			Dilution Factor: 5						
Zinc									
	ND	250	263 D	ug/L	99		SW846 6010B	10/10-10/16/07	J72481C3
	ND	250	266 D	ug/L	100	1.2	SW846 6010B	10/10-10/16/07	J72481C4
			Dilution Factor: 2						

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 10/02/07 **Date Received..:** 10/03/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F7J030129-001 **Prep Batch #...:** 7283211									
Arsenic									
	ND	1000	932	ug/L	93		SW846 6020	10/10-10/12/07	J75MJ1AC
	ND	1000	934	ug/L	93	0.30	SW846 6020	10/10-10/12/07	J75MJ1AD

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: B1P5K9

General Chemistry

Lot-Sample #...: F7I250206-002 **Work Order #...:** J7K34 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/11/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1		MDL.....: 0.18		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P886

General Chemistry

Lot-Sample #...: F7I250214-001 **Work Order #...:** J7K6T **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**8.7**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P887

General Chemistry

Lot-Sample #...: F7I250214-002 **Work Order #...:** J7K69 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	ND	5.0	ug/L	SW846 9020B	10/17/07	7290415
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P969

General Chemistry

Lot-Sample #...: F7I250214-003 **Work Order #...:** J7K7D **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.1 B**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**
		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: B1P970

General Chemistry

Lot-Sample #...: F7I250214-004 **Work Order #...:** J7K74 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**3.3 B**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**
		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: B1P971

General Chemistry

Lot-Sample #...: F7I250214-005 **Work Order #...:** J7K76 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**7.4**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P972

General Chemistry

Lot-Sample #...: F7I250214-006 **Work Order #...:** J7K79 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**4.5 B**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**
		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: B1P974

General Chemistry

Lot-Sample #...: F7I250214-008 **Work Order #...:** J7K8M **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ10

General Chemistry

Lot-Sample #...: F7I250225-001 **Work Order #...:** J7LAM **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**63.7**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ11

General Chemistry

Lot-Sample #...: F7I250225-002 **Work Order #...:** J7LA0 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	53.3	5.0	ug/L	SW846 9020B	10/17/07	7290415

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ12

General Chemistry

Lot-Sample #...: F7I250225-003 **Work Order #...:** J7LA3 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**61.0**	**5.0**	**ug/L**	**SW846 9020B**	**10/17/07**	**7290415**

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ13

General Chemistry

Lot-Sample #...: F7I250225-004 Work Order #...: J7LA5 Matrix.....: WATER
Date Sampled...: 09/24/07 Date Received..: 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	53.9	5.0	ug/L	SW846 9020B	10/17/07	7290415

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1NX55

General Chemistry

Lot-Sample #...: F7I250250-001 Work Order #...: J7LLE Matrix.....: WATER
Date Sampled...: 09/23/07 Date Received..: 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	32.4 D	2.0	mg/L	MCAWW 300.0A	09/25/07	7271381
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	0.26 N	0.10	mg/L	MCAWW 300.0A	09/25/07	7271382
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	39.1 D	2.0	mg/L	MCAWW 300.0A	09/27/07	7271388
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	09/25/07	7271384
		Dilution Factor: 1		MDL.....: 0.0050		
Sulfate	68.1 D	5.0	mg/L	MCAWW 300.0A	09/25/07	7271383
		Dilution Factor: 10		MDL.....: 0.50		

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: B1N3N1

General Chemistry

Lot-Sample #...: F7I250253-001 **Work Order #...:** J7LLR **Matrix.....:** WATER
Date Sampled...: 09/23/07 **Date Received..:** 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**10.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**09/25/07**	**7271381**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.29 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**09/25/07**	**7271382**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrate	**7.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**09/25/07**	**7271385**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	09/25/07	7271384
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrogen, Nitrate	**7.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**09/25/07**	**7271385**
		Dilution Factor: 10		MDL.....:		
Sulfate	**39.1 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**09/25/07**	**7271383**
		Dilution Factor: 10		MDL.....: 0.50		

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: B1PDW3

General Chemistry

Lot-Sample #...: F7I250256-001 Work Order #...: J7LL5 Matrix.....: WATER
Date Sampled...: 09/24/07 Date Received..: 09/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	64.2	5.0	mg/L	MCAWW 413.1	10/14-10/15/07	7288102

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

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P5M3

General Chemistry

Lot-Sample #...: F7I260269-002 **Work Order #...:** J7N42 **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/11/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1		MDL.....: 0.18		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1NHC1

General Chemistry

Lot-Sample #...: F7I260278-002 **Work Order #...:** J7N7N **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/11/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1		MDL.....: 0.18		
TOX	**69.6**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P941

General Chemistry

Lot-Sample #...: F7I260285-003 **Work Order #...:** J7N9N **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/11/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P8K6

General Chemistry

Lot-Sample #...: F7I260285-004 **Work Order #...:** J7N9R **Matrix.....:** WATER
Date Sampled...: 09/25/07 **Date Received..:** 09/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
TOX	**9.9**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**
		Dilution Factor: 1		MDL.....: 2.2		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P5N0

General Chemistry

Lot-Sample #...: F7I270224-002 **Work Order #...:** J7RD4 **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	10/12/07	7283539
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1		MDL.....: 0.18		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1P5L6

General Chemistry

Lot-Sample #...: F7I270224-004 **Work Order #...:** J7REL **Matrix.....:** WATER
Date Sampled...: 09/26/07 **Date Received..:** 09/27/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1		MDL.....: 5.0		
Phenol	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1		MDL.....: 14.0		
Total Organic Carbon	**1.7**	**1.0**	**mg/L**	**SW846 9060**	**10/12/07**	**7283539**
		Dilution Factor: 1		MDL.....: 0.76		
Total Sulfide	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1		MDL.....: 0.18		

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ21

General Chemistry

Lot-Sample #...: F7I290105-001 **Work Order #...:** J7XQD **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**13.7**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ22

General Chemistry

Lot-Sample #...: F7I290105-002 **Work Order #...:** J7XQE **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**9.8**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ23

General Chemistry

Lot-Sample #...: F7I290105-003 **Work Order #...:** J7XQF **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**9.6**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**

Dilution Factor: 1 MDL.....: 2.2

NOTE(S):

RL Reporting Limit

Fluor Hanford Inc

Client Sample ID: B1PJ24

General Chemistry

Lot-Sample #...: F7I290105-004 **Work Order #...:** J7XQG **Matrix.....:** WATER
Date Sampled...: 09/28/07 **Date Received..:** 09/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX	**4.7 B**	**5.0**	**ug/L**	**SW846 9020B**	**10/22/07**	**7290416**

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: B1N3N9

General Chemistry

Lot-Sample #...: F7J030130-001 **Work Order #...:** J75MM **Matrix.....:** WATER
Date Sampled...: 10/02/07 **Date Received..:** 10/03/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**8.8 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**10/03/07**	**7277320**
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	**0.37**	**0.10**	**mg/L**	**MCAWW 300.0A**	**10/03/07**	**7277321**
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	10/03/07	7277323
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrate	**3.3 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**10/03/07**	**7277324**
		Dilution Factor: 10		MDL.....: 0.086		
Sulfate	**34.6 D**	**5.0**	**mg/L**	**MCAWW 300.0A**	**10/03/07**	**7277322**
		Dilution Factor: 10		MDL.....: 0.50		

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: B1PDX2

General Chemistry

Lot-Sample #...: F7J040165-002 Work Order #...: J78MJ Matrix.....: WATER
Date Sampled...: 10/03/07 Date Received..: 10/04/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	54.4 C,D	4.0	mg/L	MCAWW 300.0A	10/04/07	7277551
		Dilution Factor: 20		MDL.....: 0.40		
Fluoride	0.36	0.10	mg/L	MCAWW 300.0A	10/04/07	7277552
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	10/04/07	7277554
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrate	13.0 D	0.40	mg/L	MCAWW 300.0A	10/04/07	7277555
		Dilution Factor: 20		MDL.....: 0.17		
Sulfate	99.5 D	10.0	mg/L	MCAWW 300.0A	10/04/07	7277553
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1N564

General Chemistry

Lot-Sample #...: F7J040187-002 Work Order #...: J78TF Matrix.....: WATER
Date Sampled...: 10/03/07 Date Received..: 10/04/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	13.2 C,D	2.0	mg/L	MCAWW 300.0A	10/04/07	7277551
		Dilution Factor: 10		MDL.....: 0.20		
Fluoride	0.71	0.10	mg/L	MCAWW 300.0A	10/04/07	7277552
		Dilution Factor: 1		MDL.....: 0.025		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	10/04/07	7277554
		Dilution Factor: 1		MDL.....: 0.0050		
Nitrate	46.3 D	2.0	mg/L	MCAWW 300.0A	10/04/07	7277555
		Dilution Factor: 100		MDL.....: 0.86		
Sulfate	45.5 D	5.0	mg/L	MCAWW 300.0A	10/04/07	7277553
		Dilution Factor: 10		MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J763P1AA		MB Lot-Sample #:	F7I280000-381	
	ND	0.20	mg/L	MCAWW 300.0A	09/25/07	7271381
		Dilution Factor: 1				
Chloride		Work Order #: J78141AA		MB Lot-Sample #:	F7J040000-320	
	ND	0.20	mg/L	MCAWW 300.0A	10/03/07	7277320
		Dilution Factor: 1				
Chloride		Work Order #: J8DC71AA		MB Lot-Sample #:	F7J040000-551	
	0.026 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**10/04/07**	**7277551**
		Dilution Factor: 1				
Fluoride		Work Order #: J763R1AA		MB Lot-Sample #:	F7I280000-382	
	ND	0.10	mg/L	MCAWW 300.0A	09/25/07	7271382
		Dilution Factor: 1				
Fluoride		Work Order #: J78151AA		MB Lot-Sample #:	F7J040000-321	
	ND	0.10	mg/L	MCAWW 300.0A	10/03/07	7277321
		Dilution Factor: 1				
Fluoride		Work Order #: J8DDH1AA		MB Lot-Sample #:	F7J040000-552	
	ND	0.10	mg/L	MCAWW 300.0A	10/04/07	7277552
		Dilution Factor: 1				
Nitrite		Work Order #: J763X1AA		MB Lot-Sample #:	F7I280000-384	
	ND	0.020	mg/L	MCAWW 300.0A	09/25/07	7271384
		Dilution Factor: 1				
Nitrite		Work Order #: J78181AA		MB Lot-Sample #:	F7J040000-323	
	ND	0.020	mg/L	MCAWW 300.0A	10/03/07	7277323
		Dilution Factor: 1				
Nitrite		Work Order #: J8DD01AA		MB Lot-Sample #:	F7J040000-554	
	ND	0.020	mg/L	MCAWW 300.0A	10/04/07	7277554
		Dilution Factor: 1				
Nitrogen, as Ammonia		Work Order #: J7V2N1AA		MB Lot-Sample #:	F7I280000-253	
	ND	50.0	ug/L	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1				
Nitrate		Work Order #: J76311AA		MB Lot-Sample #:	F7I280000-385	
	ND	0.020	mg/L	MCAWW 300.0A	09/25/07	7271385
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate		Work Order #: J78DH1AA		MB Lot-Sample #:	F7I280000-388	
	ND	0.020	mg/L	MCAWW 300.0A	09/27/07	7271388
		Dilution Factor: 1				
Nitrate		Work Order #: J78191AA		MB Lot-Sample #:	F7J040000-324	
	ND	0.020	mg/L	MCAWW 300.0A	10/03/07	7277324
		Dilution Factor: 1				
Nitrate		Work Order #: J8DD41AA		MB Lot-Sample #:	F7J040000-555	
	ND	0.020	mg/L	MCAWW 300.0A	10/04/07	7277555
		Dilution Factor: 1				
Oil and Grease (Gravimetric)		Work Order #: J80PA1AA		MB Lot-Sample #:	F7J150000-102	
	ND	5.0	mg/L	MCAWW 413.1	10/14-10/15/07	7288102
		Dilution Factor: 1				
Phenol		Work Order #: J8QDJ1AA		MB Lot-Sample #:	F7J110000-430	
	ND	50.0	ug/L	MCAWW 420.2	10/11-10/12/07	7284430
		Dilution Factor: 1				
Sulfate		Work Order #: J763V1AA		MB Lot-Sample #:	F7I280000-383	
	ND	0.50	mg/L	MCAWW 300.0A	09/25/07	7271383
		Dilution Factor: 1				
Sulfate		Work Order #: J78171AA		MB Lot-Sample #:	F7J040000-322	
	ND	0.50	mg/L	MCAWW 300.0A	10/03/07	7277322
		Dilution Factor: 1				
Sulfate		Work Order #: J8DDP1AA		MB Lot-Sample #:	F7J040000-553	
	ND	0.50	mg/L	MCAWW 300.0A	10/04/07	7277553
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: J83VH1AA		MB Lot-Sample #:	F7J100000-539	
	ND	1.0	mg/L	SW846 9060	10/11/07	7283539
		Dilution Factor: 1				
Total Sulfide		Work Order #: J708F1AA		MB Lot-Sample #:	F7J010000-180	
	ND	1.0	mg/L	SW846 9030	10/01/07	7274180
		Dilution Factor: 1				
TOX		Work Order #: J86HN1AA		MB Lot-Sample #:	F7J170000-415	
	ND	5.0	ug/L	SW846 9020B	10/17/07	7290415
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL712 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX		Work Order #: J9J891AA		MB Lot-Sample #:	F7J170000-416	
	ND	5.0	ug/L	SW846 9020B	10/22/07	7290416
		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 #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia		WO#:J7V2N1AC-LCS/J7V2N1AD-LCSD				LCS Lot-Sample#: F7I280000-253		
	400	376	ug/L	94		MCAWW 350.1	10/01/07	7271253
	400	380	ug/L	95	1.0	MCAWW 350.1	10/01/07	7271253
		Dilution Factor: 1						
Oil and Grease (Gravimetric)		WO#:J80PA1AC-LCS/J80PA1AD-LCSD				LCS Lot-Sample#: F7J150000-102		
	100	110	mg/L	110		MCAWW 413.1	10/14-10/15/07	7288102
	100	110	mg/L	110	0.09	MCAWW 413.1	10/14-10/15/07	7288102
		Dilution Factor: 1						
Total Organic Carbon		WO#:J83VH1AC-LCS/J83VH1AD-LCSD				LCS Lot-Sample#: F7J100000-539		
	6.00	5.99	mg/L	100		SW846 9060	10/11/07	7283539
	6.00	5.96	mg/L	99	0.51	SW846 9060	10/11/07	7283539
		Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #: J763P1AC		LCS Lot-Sample#:	F7I280000-381	
	2.00	1.88	mg/L	94	MCAWW 300.0A	09/25/07	7271381
			Dilution Factor: 1				
Chloride			Work Order #: J78141AC		LCS Lot-Sample#:	F7J040000-320	
	2.00	1.90	mg/L	95	MCAWW 300.0A	10/03/07	7277320
			Dilution Factor: 1				
Chloride			Work Order #: J8DC71AC		LCS Lot-Sample#:	F7J040000-551	
	2.00	1.92	mg/L	96	MCAWW 300.0A	10/04/07	7277551
			Dilution Factor: 1				
Fluoride			Work Order #: J763R1AC		LCS Lot-Sample#:	F7I280000-382	
	1.00	0.987	mg/L	99	MCAWW 300.0A	09/25/07	7271382
			Dilution Factor: 1				
Fluoride			Work Order #: J78151AC		LCS Lot-Sample#:	F7J040000-321	
	1.00	0.909	mg/L	91	MCAWW 300.0A	10/03/07	7277321
			Dilution Factor: 1				
Fluoride			Work Order #: J8DDH1AC		LCS Lot-Sample#:	F7J040000-552	
	1.00	0.962	mg/L	96	MCAWW 300.0A	10/04/07	7277552
			Dilution Factor: 1				
Nitrite			Work Order #: J763X1AC		LCS Lot-Sample#:	F7I280000-384	
	0.160	0.158	mg/L	99	MCAWW 300.0A	09/25/07	7271384
			Dilution Factor: 1				
Nitrite			Work Order #: J78181AC		LCS Lot-Sample#:	F7J040000-323	
	0.160	0.151	mg/L	95	MCAWW 300.0A	10/03/07	7277323
			Dilution Factor: 1				
Nitrite			Work Order #: J8DD01AC		LCS Lot-Sample#:	F7J040000-554	
	0.160	0.161	mg/L	100	MCAWW 300.0A	10/04/07	7277554
			Dilution Factor: 1				
Nitrate			Work Order #: J76311AC		LCS Lot-Sample#:	F7I280000-385	
	0.400	0.397	mg/L	99	MCAWW 300.0A	09/25/07	7271385
			Dilution Factor: 1				
Nitrate			Work Order #: J78DH1AC		LCS Lot-Sample#:	F7I280000-388	
	0.400	0.391	mg/L	98	MCAWW 300.0A	09/27/07	7271388
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate			Work Order #: J78191AC		LCS Lot-Sample#:	F7J040000-324	
	0.400	0.368	mg/L	92	MCAWW 300.0A	10/03/07	7277324
			Dilution Factor: 1				
Nitrate			Work Order #: J8DD41AC		LCS Lot-Sample#:	F7J040000-555	
	0.400	0.378	mg/L	95	MCAWW 300.0A	10/04/07	7277555
			Dilution Factor: 1				
Phenol			Work Order #: J8QDJ1AC		LCS Lot-Sample#:	F7J110000-430	
	200	190	ug/L	95	MCAWW 420.2	10/11-10/12/07	7284430
			Dilution Factor: 1				
Sulfate			Work Order #: J763V1AC		LCS Lot-Sample#:	F7I280000-383	
	8.00	7.43	mg/L	93	MCAWW 300.0A	09/25/07	7271383
			Dilution Factor: 1				
Sulfate			Work Order #: J78171AC		LCS Lot-Sample#:	F7J040000-322	
	8.00	7.80	mg/L	97	MCAWW 300.0A	10/03/07	7277322
			Dilution Factor: 1				
Sulfate			Work Order #: J8DDP1AC		LCS Lot-Sample#:	F7J040000-553	
	8.00	7.33	mg/L	92	MCAWW 300.0A	10/04/07	7277553
			Dilution Factor: 1				
Total Sulfide			Work Order #: J708F1AC		LCS Lot-Sample#:	F7J010000-180	
	10.0	9.40	mg/L	94	SW846 9030	10/01/07	7274180
			Dilution Factor: 1				
TOX			Work Order #: J86HN1AC		LCS Lot-Sample#:	F7J170000-415	
	100	114	ug/L	114	SW846 9020B	10/17/07	7290415
			Dilution Factor: 1				
TOX			Work Order #: J9J891AC		LCS Lot-Sample#:	F7J170000-416	
	100	111	ug/L	111	SW846 9020B	10/22/07	7290416
			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 #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		J7LLE1AJ	MS Lot-Sample #:		F7I250250-001
	32.4	20.0	53.3 D	mg/L	105	MCAWW 300.0A	09/25/07	7271381
			Dilution Factor: 10					
Chloride			Work Order #...:		J75MM1AH	MS Lot-Sample #:		F7J030130-001
	8.8	20.0	28.2 D	mg/L	97	MCAWW 300.0A	10/03/07	7277320
			Dilution Factor: 10					
Chloride			Work Order #...:		J78MJ1AH	MS Lot-Sample #:		F7J040165-002
	54.4	40.0	94.4 D	mg/L	100	MCAWW 300.0A	10/04/07	7277551
			Dilution Factor: 20					
Fluoride			Work Order #...:		J7LLE1AL	MS Lot-Sample #:		F7I250250-001
	0.26	2.00	2.79 N	mg/L	126	MCAWW 300.0A	09/25/07	7271382
			Dilution Factor: 1					
Fluoride			Work Order #...:		J75MM1AK	MS Lot-Sample #:		F7J030130-001
	0.37	2.00	2.32	mg/L	98	MCAWW 300.0A	10/03/07	7277321
			Dilution Factor: 1					
Fluoride			Work Order #...:		J78MJ1AJ	MS Lot-Sample #:		F7J040165-002
	0.36	2.00	2.31	mg/L	98	MCAWW 300.0A	10/04/07	7277552
			Dilution Factor: 1					
Nitrite			Work Order #...:		J7LLE1AQ	MS Lot-Sample #:		F7I250250-001
	ND	0.100	0.206 N	mg/L	206	MCAWW 300.0A	09/25/07	7271384
			Dilution Factor: 1					
Nitrite			Work Order #...:		J75MM1AP	MS Lot-Sample #:		F7J030130-001
	ND	0.100	0.0664 N	mg/L	66	MCAWW 300.0A	10/03/07	7277323
			Dilution Factor: 1					
Nitrite			Work Order #...:		J78MJ1AL	MS Lot-Sample #:		F7J040165-002
	ND	0.100	0.183 N	mg/L	183	MCAWW 300.0A	10/04/07	7277554
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		J6VKE1AF	MS Lot-Sample #:		F7I140210-002
	ND	500	507	ug/L	101	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					
Nitrogen, as Ammonia			Work Order #...:		J7K341AW	MS Lot-Sample #:		F7I250206-002
	ND	500	507	ug/L	101	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate			Work Order #...:		J7LLE1AV		MS Lot-Sample #:	F7I250250-001
	39.1	40.0	81.7 D	mg/L	106	MCAWW 300.0A	09/27/07	7271388
			Dilution Factor: 100					
Nitrate			Work Order #...:		J75MM1AR		MS Lot-Sample #:	F7J030130-001
	3.3	4.00	7.26 D	mg/L	98	MCAWW 300.0A	10/03/07	7277324
			Dilution Factor: 10					
Nitrate			Work Order #...:		J78MJ1AM		MS Lot-Sample #:	F7J040165-002
	13.0	8.00	21.4 D	mg/L	105	MCAWW 300.0A	10/04/07	7277555
			Dilution Factor: 20					
Oil and Grease (Gravimetric)			Work Order #...:		J7LL51AD		MS Lot-Sample #:	F7I250256-001
	64.2	100	157	mg/L	93	MCAWW 413.1	10/14-10/15/07	7288102
			Dilution Factor: 1					
Phenol			Work Order #...:		J7K341AT		MS Lot-Sample #:	F7I250206-002
	ND	200	198	ug/L	99	MCAWW 420.2	10/11-10/12/07	7284430
			Dilution Factor: 1					
Sulfate			Work Order #...:		J7LLE1AN		MS Lot-Sample #:	F7I250250-001
	68.1	40.0	106 D	mg/L	95	MCAWW 300.0A	09/25/07	7271383
			Dilution Factor: 10					
Sulfate			Work Order #...:		J75MM1AM		MS Lot-Sample #:	F7J030130-001
	34.6	40.0	74.8 D	mg/L	100	MCAWW 300.0A	10/03/07	7277322
			Dilution Factor: 10					
Sulfate			Work Order #...:		J78MJ1AK		MS Lot-Sample #:	F7J040165-002
	99.5	80.0	173 D	mg/L	92	MCAWW 300.0A	10/04/07	7277553
			Dilution Factor: 20					
Total Organic Carbon			Work Order #...:		J7K341AV		MS Lot-Sample #:	F7I250206-002
	ND	5.00	5.34	mg/L	107	SW846 9060	10/11/07	7283539
			Dilution Factor: 1					
Total Organic Carbon			Work Order #...:		J7K6T1AF		MS Lot-Sample #:	F7I250214-001
	ND	5.00	5.34	mg/L	107	SW846 9060	10/12/07	7283539
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		J7K341AU		MS Lot-Sample #:	F7I250206-002
	ND	10.0	9.80	mg/L	98	SW846 9030	10/01/07	7274180
			Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL712 **Matrix.....:** WATER
Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX			Work Order #...:		J7K6T1AG		MS Lot-Sample #:	F7I250214-001
	8.7	100	118	ug/L	109	SW846 9020B	10/17-10/18/07	7290415
			Dilution Factor: 1					
TOX			Work Order #...:		J8QQ61AE		MS Lot-Sample #:	F7J110312-004
	47.8	100	161	ug/L	113	SW846 9020B	10/22/07	7290416
			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 #...: F7I250206 **Work Order #...:** J6VKE-SMP J6VKE-DUP **Matrix.....:** WATER

Date Sampled...: 09/13/07 **Date Received..:** 09/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F7I140210-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	10/01/07	7271253

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J7LLE-SMP J7LLE-DUP **Matrix.....:** WATER

Date Sampled...: 09/23/07 **Date Received..:** 09/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7I250250-001	
	32.4 D	31.9 D	mg/L	1.3	(0-20)	MCAWW 300.0A	09/25/07	7271381
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7I250250-001	
	0.26 N	0.25 N	mg/L	4.2	(0-20)	MCAWW 300.0A	09/25/07	7271382
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7I250250-001	
	68.1 D	67.6 D	mg/L	0.86	(0-20)	MCAWW 300.0A	09/25/07	7271383
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7I250250-001	
	ND N	ND N	mg/L	0	(0-20)	MCAWW 300.0A	09/25/07	7271384
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7I250250-001	
	39.1 D	40.5 D	mg/L	200	(0-20)	MCAWW 300.0A	09/27/07	7271388
			Dilution Factor: 100					

JW 10-30-07

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.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J75MM-SMP J75MM-DUP **Matrix.....:** WATER

Date Sampled...: 10/02/07 **Date Received..:** 10/03/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7J030130-001	
	8.8 D	8.9 D	mg/L	1.5	(0-20)	MCAWW 300.0A	10/03/07	7277320
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F7J030130-001	
	0.37	0.36	mg/L	2.3	(0-20)	MCAWW 300.0A	10/03/07	7277321
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7J030130-001	
	34.6 D	34.4 D	mg/L	0.45	(0-20)	MCAWW 300.0A	10/03/07	7277322
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F7J030130-001	
	ND N JW 10-30-07	ND N	mg/L	0	(0-20)	MCAWW 300.0A	10/03/07	7277323
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7J030130-001	
	3.3 D	3.0 D	mg/L	9.3	(0-20)	MCAWW 300.0A	10/03/07	7277324
			Dilution Factor: 10					

NOTE(S):

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J78MJ-SMP J78MJ-DUP **Matrix.....:** WATER

Date Sampled...: 10/03/07 **Date Received..:** 10/04/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F7J040165-002	
	54.4 C,D	53.5 DC	mg/L	1.8	(0-20)	MCAWW 300.0A	10/04/07	7277551
			Dilution Factor: 20					
Fluoride						SD Lot-Sample #:	F7J040165-002	
	0.36	0.24	mg/L	38	(0-20)	MCAWW 300.0A	10/04/07	7277552
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F7J040165-002	
	99.5 D	95.7 D	mg/L	3.8	(0-20)	MCAWW 300.0A	10/04/07	7277553
			Dilution Factor: 20					
Nitrite						SD Lot-Sample #:	F7J040165-002	
	ND N	ND N	mg/L	0	(0-20)	MCAWW 300.0A	10/04/07	7277554
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F7J040165-002	
	13.0 D	13.1 D	mg/L	0.66	(0-20)	MCAWW 300.0A	10/04/07	7277555
			Dilution Factor: 20					

VK 10-30-07

NOTE(S):

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

DC Result obtained from dilution; Analyte deteced in method blank above MDL/IDL.

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J7K34-SMP J7K34-DUP **Matrix.....:** WATER

Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #:	F7I250206-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	10/11-10/12/07	7284430
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #:	F7I250206-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	10/01/07	7274180
			Dilution Factor: 1					
Total Organic Carbon						SD Lot-Sample #:	F7I250206-002	
	ND	ND	mg/L	0	(0-20)	SW846 9060	10/11/07	7283539
			Dilution Factor: 1					
Nitrogen, as Ammonia						SD Lot-Sample #:	F7I250206-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 350.1	10/01/07	7271253
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J7LL5-SMP J7LL5-DUP **Matrix.....:** WATER

Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)						SD Lot-Sample #: F7I250256-001		
	64.2	54.4	mg/L	17	(0-20)	MCAWW 413.1	10/14-10/15/07	7288102

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J7K6T-SMP J7K6T-DUP **Matrix.....:** WATER

Date Sampled...: 09/24/07 **Date Received..:** 09/25/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F7I250214-001	
	8.7	5.0	ug/L	54	(0-20)	SW846 9020B	10/17/07	7290415
			Dilution Factor: 1					
Total Organic Carbon						SD Lot-Sample #:	F7I250214-001	
	ND	ND	mg/L	0	(0-20)	SW846 9060	10/12/07	7283539
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7I250206 **Work Order #...:** J8QQ6-SMP J8QQ6-DUP **Matrix.....:** WATER

Date Sampled...: 10/10/07 **Date Received..:** 10/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
TOX						SD Lot-Sample #:	F7J110312-004	
	47.8	58.4	ug/L	20	(0-20)	SW846 9020B	10/22/07	7290416

Dilution Factor: 1