

RECEIVED JUNE 16, 2008

0078510

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

S08-003

Lot #: F8D290198

SDG #: SL736

Steve Trent

Fluor Hanford Inc

PO Box 1000

MSIN E6-35

Richland, WA 99352

RECEIVED
JUL 28 2008
EDMC

TESTAMERICA LABORATORIES, INC.

James M. Klyne
for

Michael C. Franks

Project Manager

June 13, 2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford, Inc.
P.O. Box 1000
MSIN E6-35
Richland, Washington 99352
June 13, 2008
Attention: Steve Trent

SDG	: SL736
Number of Samples	: 63 samples
Sample Matrix	: Water
Data Deliverable	: Summary
Date SDG Closed	: May 11, 2008

II. Introduction

Between April 29, 2008 and May 10, 2008, sixty-three (63) 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: S08-003, S08-004, I08-027, W08-004, I08-025, I08-032, W08-005.

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.

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

June 13, 2008

SDG: SL736

Volatiles**Batch: 8122514**

The %D in the CCV is outside the Method criteria (greater than 20% D) for the following compounds 2-Nitropropane (31.2% low) and Cyclohexanone (23.6%). These analytes are not target analytes.

The LCSD recovery for Tetrachloroethene (and RPD) 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. The LCS/LCSD RPD for Methylene Chloride is outside QC limits. The spike recoveries are within QC limits.

Affected Samples:

F8D290198 (1): B1V361

F8D290198 (3): B1TK88

Batch: 8140573

The %D in the CCV (low recovery) is outside the Method criteria (greater than 20% D) for the following compounds: Bromomethane (24.2%), Iodomethane (21.0%), Allyl chloride (25.8%), 2-Nitropropane (39.0%), 2-Hexanone (23.9%), trans-1,4-dichloro-2-butene (31.1%). However these analytes are not target analytes or are not reported in the associated samples. The %D in the CCV (low recovery) is slightly outside the Method criteria (greater than 20% D) for 1,2-Dichloroethane (20.7%). The samples were reanalyzed one day outside of holding time for this compound only in batch 8143276 (see comments below). Both the original and reanalysis are reported.

The LCS/LCSD RPD for one compound is outside of the QC limits. The recoveries are acceptable.

Batch: 8143276

The CCV (MCAL 6993) %D for Bromomethane (-49.3 %), Chloroethane (-31.8 %), Allyl chloride (-26.0 %), and trans-1,4-dichloro-2-butene (-33.2 %) are outside the lower established QC limits (20 %) indicating a potential negative bias for these analytes in samples associated with this CCV. These analytes are not target analytes.

The CCV (MCAL 6993) %D for Freon-114 (-27.8 %), Bromomethane (-49.3 %), Chloroethane (-31.8 %), Allyl chloride (-26.0 %), 2-Chloroethyl vinyl ether (-59.8 %), 2-Nitropropane (-38.5 %), trans-1,4-dichloro-2-butene (-33.2 %) and Nonanal (-21.8 %) are outside the established QC limits. These analytes are not part of the analysis request and thus this excursion does not effect the data.

The CCV (MCAL 6993) 1,2-Dichloroethane-d4 surrogate recovery (-22.1 %) is outside the lower QC limit. Samples associated with this CCV had acceptable 1,2-Dichloroethane-d4 surrogate recoveries. This excursion is isolated to the CCV and does not affect the sample data.

Due to CCV recovery failure for 1,2-Dichloroethane in the original analysis (batch 8140573), the associated samples were analyzed one day outside of holding time. Only 1,2-Dichloroethane is reported from this reanalysis batch.

Affected Samples:

F8E070241 (1): B1V362

F8E070244 (23): B1TX41

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

June 13, 2008

SDG: SL736

GC/MS Semivolatiles**Batch: 8130178**

Method blank exhibited poor surrogate recovery for 2-Fluorobiphenyl (29%). Laboratory QC practices, based on CLP methodology, allow for one acid surrogate and/or one base surrogate recovery excursion without necessitating re-extraction/re-analysis. Sample extraction efficiency and compliance is demonstrated by the remaining acceptable surrogate recoveries. Note that the lower limit for this surrogate on the Method Blank report indicates a lower limit of 28%. However, the true lower limit is for this surrogate is 30%.

The reported target analyte in the associated samples (1,4-Dioxane) is not a spiked compound in the LCS or MS/MSD. As a result, no data is reported for these QC samples. Please see below for QC excursions for the compounds that are included in the LCS and MS/MSD.

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

Affected Samples:

F8E080210 (1): B1V892

F8E080210 (4): B1V8B7

F8E080210 (2): B1V897

F8E080210 (5): B1V8C2

F8E080210 (3): B1V8B2

Pesticides**Batch: 8135305**

The opening/closing CCV recovery for KCAL907 was outside the upper QC limit (greater than 15% RSD) for Heptachlor on the primary/reported column 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 sample.

The MSD recovery for Heptachlor epoxide is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F8E080175 (1): B1TXB4

ICP Metals**Batches: 8122095, 8122092**

The concentration of cadmium, beryllium, barium, and strontium in the CCB bracketing the ICSA/ICSAB is greater than 3 times the MDL. The samples associated with this CCB either yielded concentrations lower than the established reporting limit or are greater than 10 times the concentration in the CCB.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

June 13, 2008

SDG: SL736

Affected Samples:

F8D290198 (2): B1TK87

F8D290199 (1): B1TWX4

Batches: 8130188, 8130194

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

Affected Samples:

F8E010282 (5): B1V108

F8E070244 (10): B1TWK2

F8E020250 (1): B1THW6

F8E070244 (11): B1TWK3

F8E070244 (1): B1TWF8

F8E070244 (18): B1TWL4

F8E070244 (2): B1TWF9

F8E070244 (19): B1TWL5

F8E070244 (3): B1TX03

F8E070244 (20): B1TWL0

F8E070244 (4): B1TX04

F8E070244 (21): B1TWL1

Batch: 8130188

The MS and/or MSD recovery for potassium is outside the established QC limits. The MS/MSD is a multiple element spiking solution. All other elements in the spiking solution are either within acceptable criteria (75%-125%) or have a good RPD. This indicates that matrix interference is potentially present in the sample. Method performance is demonstrated by acceptable LCS recovery.

Batch: 8130194

The concentration of calcium in the ICB/CCB in the initial calibration is greater than 3 times the MDL. The samples associated with this ICB/CCB exhibit concentrations greater than 10 times the concentrations observed in the ICB/CCB.

Affected Samples:

F8E010282 (5): B1V108

F8E070244 (5): B1TWH1

F8E010282 (6): B1V109

F8E070244 (8): B1TWF5

F8E010282 (11): B1V0R6

F8E070244 (10): B1TWK2

F8E010282 (12): B1V0R7

F8E070244 (12): B1TWD7

F8E020250 (1): B1THW6

F8E070244 (14): B1TWF1

F8E020250 (3): B1THV4

F8E070244 (16): B1TWJ8

F8E020250 (5): B1THT8

F8E070244 (18): B1TWL4

F8E020250 (7): B1THT5

F8E070244 (20): B1TWL0

F8E070244 (1): B1TWF8

F8E070244 (22): B1TX37

F8E070244 (3): B1TX03

F8E070251 (1): B1TW24

Batch: 8130194

The concentration of strontium in the CCB is greater than 3 times the MDL. The samples associated with this CCB exhibit concentrations greater than 10 times the concentrations observed in the CCB.

Affected Samples:

F8E010282 (5): B1V108

F8E070244 (10): B1TWK2

F8E020250 (1): B1THW6

F8E070244 (18): B1TWL4

F8E070244 (1): B1TWF8

F8E070244 (20): B1TWL0

F8E070244 (3): B1TX03

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

June 13, 2008

SDG: SL736

Batch: 8134342

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

Affected Samples:

F8E070256 (1): B1V119

F8E100177 (6): B1V0X0

F8E100177 (5): B1V0W9

Batch: 8130188

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

Affected Samples:

F8E020250 (2): B1THW7

F8E070244 (13): B1TWD8

F8E020250 (4): B1THV5

F8E070244 (15): B1TWF2

F8E020250 (6): B1THT9

F8E070244 (17): B1TWJ9

F8E020250 (8): B1THT6

F8E070244 (19): B1TWL5

F8E070244 (2): B1TWF9

F8E070244 (21): B1TWL1

F8E070244 (4): B1TX04

F8E070244 (23): B1TX41

F8E070244 (6): B1TWH2

F8E070251 (2): B1TW25

F8E070244 (9): B1TWF6

F8E070256 (2): B1V120

F8E070244 (11): B1TWK3

Total Organic Halogens

A CCV recovery for TOX in batch 8140260 was outside the upper QC limit, indicating a potential high bias for TOX in the samples associated with this CCV. TOX was not detected above the reporting limit in the associated samples.

Affected Samples:

F8E010282 (1): B1V0F6

F8E010282 (10): B1V076

F8E010282 (2): B1V0F7

F8E070244 (23): B1TX41

F8E010282 (3): B1V0F8

F8E100177 (1): B1V0W5

F8E010282 (4): B1V0F9

F8E100177 (2): B1V0W6

F8E010282 (7): B1V073

F8E100177 (3): B1V0W7

F8E010282 (8): B1V074

F8E100177 (4): B1V0W8

F8E010282 (9): B1V075

Oil and Grease

The containers for Oil and Grease analysis for the associated sample were received with a pH of approximately 7. The method requires a pH of less than 2. Due to the fullness of the original containers which prohibited adding acid, the samples were transferred to new containers, and the acid then added to bring the pH to less than 2. Please refer to included IRF 08-053. Please note that sample ID and analysis corrections were made to the IRF.

Affected Samples:

F8D300323 (1): B1TJH2

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

June 13, 2008

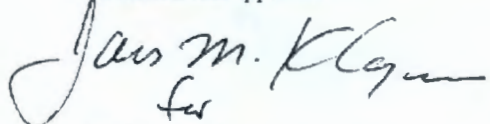
SDG: SL736

There were no observations or nonconformances for the following methods:

Alkalinity
ICPMS Metals
Mercury
Total Cyanide
Total Organic Carbon

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

Reviewed and approved:

A handwritten signature in black ink, appearing to read "Jas M. Klegan" with a stylized flourish below it.

Michael Franks
St. Louis Project Manager

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

PNNL TRACKING NUMBER: 08-053*Corrections: Jms 06-13-08*

Date: April 30 2008 SAF Nos. S08-004

SDG: SL736

LOGIN No.:

*F8D300323*TEST: ~~TOC~~ *Oil + Grease*Sample No.(s) ~~B1VB35~~ *BITJH2*

Submitted By: Mike Franks

Submitted To: Heidi HamptPhone No. 314-298-8566 x206Phone No. 509-376-4319Fax No. 314-298-8757Fax No. 866-252-5816**ISSUE***Oil + Grease*

Received the container for ~~TOC~~ analysis with a pH of ~7. Method requires a pH <2. The container is full which will not allow us to add more preservative.

PROPOSED RESOLUTION

- 1) Transfer the sample to a new container and add preservative to a pH < 2
- 2) Proceed with analysis as is.

BHI/WMH/PNNL COMMENTS

Accept proposed resolution 1.

Heidi Hampt 5/1/08
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL736

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Alkalinity	MCAWW 310.1	MCAWW 310.1
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Oil & Grease (Gravimetric)	MCAWW 413.1	MCAWW 413.1
Organochlorine Pesticides	SW846 8081A	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3510C
Total Cyanide	SW846 9012	SW846 9012
Total Organic Carbon	SW846 9060	SW846 9060
Total Organic Halogens	SW846 9020B	SW846 9020B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SL736 : F8D290198

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KL7T6	001	B1V361	04/28/08	13:51
KL7T7	002	B1TK87	04/28/08	13:51
KL7T8	003	B1TK88	04/28/08	13:51

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8D290199

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KL7VD	001	B1TWX4	04/28/08	11:50
KL7VJ	002	B1TWX5	04/28/08	11:50

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8D300323

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMA21	001	B1TJH2	04/29/08	10:35
KMA22	002	B1TJH3	04/29/08	08:40

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E010282

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMEND	001	B1V0F6	04/30/08	13:21
KMERF	002	B1V0F7	04/30/08	13:21
KMERM	003	B1V0F8	04/30/08	13:21
KMERV	004	B1V0F9	04/30/08	13:21
KMER0	005	B1V108	04/30/08	13:21
KMETT	006	B1V109	04/30/08	13:21
KMETX	007	B1V073	04/30/08	10:03
KMET7	008	B1V074	04/30/08	10:03
KMET8	009	B1V075	04/30/08	10:03
KMET9	010	B1V076	04/30/08	10:03
KMEVC	011	B1V0R6	04/30/08	10:03
KMEV5	012	B1V0R7	04/30/08	10:03

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E020250

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMGQR	001	B1THW6	05/01/08	12:23
KMGQV	002	B1THW7	05/01/08	12:23
KMGQ3	003	B1THV4	05/01/08	11:40
KMGQ8	004	B1THV5	05/01/08	11:40
KMGRD	005	B1THT8	05/01/08	10:38
KMGRG	006	B1THT9	05/01/08	10:38
KMGRK	007	B1THT5	05/01/08	09:16
KMGRL	008	B1THT6	05/01/08	09:16

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E070241

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMPJQ	001	B1V362	05/06/08	12:39

NOTE (S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E070244

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMPKK	001	B1TWF8	05/05/08	12:24
KMPKR	002	B1TWF9	05/05/08	12:24
KMPKW	003	B1TX03	05/05/08	13:07
KMPK3	004	B1TX04	05/05/08	13:07
KMPK4	005	B1TWH1	05/05/08	11:33
KMPK6	006	B1TWH2	05/05/08	11:33
KMPK7	007	B1VC38	05/05/08	11:01
KMPLC	008	B1TWF5	05/06/08	07:30
KMPLG	009	B1TWF6	05/06/08	07:30
KMPLT	010	B1TWK2	05/06/08	11:04
KMPLV	011	B1TWK3	05/06/08	11:04
KMPL2	012	B1TWD7	05/06/08	10:05
KMPL3	013	B1TWD8	05/06/08	10:05
KMPL4	014	B1TWF1	05/06/08	11:03
KMPL6	015	B1TWF2	05/06/08	11:03
KMPL7	016	B1TWJ8	05/06/08	09:56
KMPMA	017	B1TWJ9	05/06/08	09:56
KMPMC	018	B1TWL4	05/06/08	13:03
KMPMD	019	B1TWL5	05/06/08	13:03
KMPME	020	B1TWL0	05/06/08	13:03
KMPMG	021	B1TWL1	05/06/08	13:03
KMQQW	022	B1TX37	05/06/08	12:39
KMQQX	023	B1TX41	05/06/08	12:39

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E070251

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMPMX	001	B1TW24	05/05/08	10:15
KMPM8	002	B1TW25	05/05/08	10:15

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E070256

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
KMPNH	001	B1V119		05/05/08	11:01
KMPNK	002	B1V120		05/05/08	11:01

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E080173

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KMR11	001	B1VC49	05/07/08	11:36

NOTE (S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E080175

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMR16	001	B1TXB4	05/07/08	12:36

NOTE(S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : FBE080210

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KMTDJ	001	B1V892	05/07/08	08:56
KMTDP	002	B1V897	05/07/08	13:46
KMTDQ	003	B1V8B2	05/07/08	09:50
KMTDT	004	B1V8B7	05/07/08	10:46
KMTDV	005	B1V8C2	05/07/08	11:40

NOTE (S) :

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

(Continued on next page)

SAMPLE SUMMARY

SL736 : F8E100177

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KM1DR	001	B1V0W5	05/09/08	09:18
KM1DT	002	B1V0W6	05/09/08	09:18
KM1DV	003	B1V0W7	05/09/08	09:18
KM1DW	004	B1V0W8	05/09/08	09:18
KM1DX	005	B1V0W9	05/09/08	09:18
KM1D0	006	B1V0X0	05/09/08	09:18

NOTE (S) :

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

56736

2232

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #	
----------	--

S08-003-242

Page 1 of 2

Collector D. R. Williamson	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN	FAX
SAF No. S08-003	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title SURV. MARCH 2008	HNVH-N-S06-15	Ice Chest No.	6 WS 001	Temp.
Shipped To (Lab) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7973 1537 2157		
Protocol SURV	Priority: 45 Days	Offsite Property No.		
POSSIBLE SAMPLE HAZARDS/REMARKS ** **		SPECIAL INSTRUCTIONS Hold Time Site-Wide Generator Knowledge Information Form applies.		
		Total Activity Exemption: Yes ☒ No ☐		

[illegible]

Item 1 Antimony, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Strontium, Vanadium, Zinc

Relinquished By D. H. Williamson	Print <i>DH Williamson</i>	Sign <i>DH Williamson</i>	Date/Time APR 28 2008	Received By <i>Fed Ex</i>	Print <i>Fed Ex</i>	Sign <i>[Signature]</i>	Date/Time 04-29-08 0915	Matrix *	
Relinquished By <i>Fed Ex</i>	Date/Time	Received By	Date/Time	Received By	Date/Time	Received By	Date/Time	S = Soil SE = Sediment SO = Solid SL = Shale W = Water O = Oil A = Air	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine LI = Liquid V = Vegetation X = Other
Relinquished By	Date/Time	Received By	Date/Time	Received By	Date/Time	Received By	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time	Received By	Date/Time	Received By	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time		

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799315393159
 Signed for by B.DANIELS
 Ship date Apr 28, 2008
 Delivery date Apr 29, 2008 9:14 AM

Reference GWS-001
 Destination Earth City, MO
 Delivered to Shipping/Receiving
 Service type Priority Overnight
 Weight 28.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
Apr 29, 2008	9:14 AM Delivered	Earth City, MO
	7:09 AM On FedEx vehicle for delivery	EARTH CITY, MO
	7:00 AM At local FedEx facility	EARTH CITY, MO
	5:05 AM At dest sort facility	BERKELEY, MO
Apr 28, 2008	4:05 AM Departed FedEx location	MEMPHIS, TN
	5:29 PM Left origin	PASCO, WA
	4:41 PM Package data transmitted to FedEx	
	3:52 PM Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

I

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F80290198
- 2732 - 199Client: Hanford COC/RFA No: below Date: 04.29.08
Quote No: 79693/78747 Initiated By: EL Time: 0915Shipper Name: FedEx Shipping InformationShipping # (s): 7993 1539 31591. 7993 1539 3159 6. _____
2. _____ 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____Multiple Packages Y (N)

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

508-003-221, 242
508-004-1165

Corrective Action:

- ☐ Client Contact Name: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____
- Project Management Review: mill

Informed by: _____

If released, notify: _____

Date: 05-01-08

2732

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.

ADMIN-0004 REVISED 08/06/07\Skv\01\VOA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

TestAmerica St. Louis

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799315393159
 Signed for by B.DANIELS
 Ship date Apr 28, 2008
 Delivery date Apr 29, 2008 9:14 AM

Reference GWS-001
 Destination Earth City, MO
 Delivered to Shipping/Receiving
 Service type Priority Overnight
 Weight 28.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
Apr 29, 2008 9:14 AM	Delivered	Earth City, MO
7:09 AM	On FedEx vehicle for delivery	EARTH CITY, MO
7:00 AM	At local FedEx facility	EARTH CITY, MO
5:05 AM	At dest sort facility	BERKELEY, MO
4:05 AM	Departed FedEx location	MEMPHIS, TN
Apr 28, 2008 5:29 PM	Left origin	PASCO, WA
4:41 PM	Package data transmitted to FedEx	
3:52 PM	Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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](#)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F80290198
- 2732 - (199)Client: Hanford COC/RFA No: below Condition Upon Receipt Form
Quote No: 79693/78747 Initiated By: SA Date: 04.29.08
Time: 0915Shipper Name: FedEx Shipping InformationShipping # (s):* 7993 1539 3159
1. 7993 6. 3159
2. 1539 7.
3. 8.
4. 9.
5. 10. Multiple Packages Y (N)Sample Temperature (s):** 2°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. <u>(Y)</u> N	Are there custody seals present on the cooler?	8. <u>(Y)</u> N	Are there custody seals present on bottles?
2. Y <u>(N)</u> N/A	Do custody seals on cooler appear to be tampered with?	9. Y <u>(N)</u> N/A	Do custody seals on bottles appear to be tampered with?
3. <u>(Y)</u> N	Were contents of cooler frisked after opening, but before unpacking?	10. <u>(Y)</u> N N/A	Was sample received with proper pH? (If not, make note below)
4. <u>(Y)</u> N	Sample received with Chain of Custody?	11. Y N	If N/A- Was pH taken by original TestAmerica lab?
5. <u>(Y)</u> N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <u>(Y)</u> N	Sample received in proper containers?
6. Y <u>(N)</u>	Was sample received broken?	13. Y <u>(N)</u> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <u>(Y)</u> N	Is sample volume sufficient for analysis?	14. Y N	Was Internal COC/Workshare received?

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

Notes:

508-003-221, 242
508-804-1165

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____☐ Sample(s) processed "as is" _____☐ Sample(s) on hold until: _____ If released, notify: _____Project Management Review: mill Date: 05-08-08

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

SL 736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

108-027-16

Page 1 of 1

Collector F. M. Hall	Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN	FAX
SAF No. 108-027	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title 100NR21AM MARCH 2008	UNF-W-566-10	Ice Chest No. ERC96-028	Temp. 64.5ha	
Shipped To (Label) TestAmerica St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 7910 5583 4239		
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 100 Area Generator Knowledge Information Form applies.		
		Total Activity Exemption: Yes ☒ No ☐		

[illegible]

Relinquished By F. M. Hall	Print 	Date/Time APR 29 2008	Received By FED EX	Print	Sign	Date/Time	Matrix *
Relinquished By FED EX		Date/Time	Received By Angel B. on A. Brunson			Date/Time 4/30/08	S = Soil SP = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine LI = Liquid V = Vegetation X = Other
Relinquished By		Date/Time	Received By			Date/Time	
Relinquished By		Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)					Disposed By	Date/Time

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 791055834239
Signed for by S.WILSON
Ship date Apr 29, 2008
Delivery date Apr 30, 2008 9:08 AM

Reference
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 64.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
Apr 30, 2008	9:08 AM Delivered	Earth City, MO
	6:46 AM On FedEx vehicle for delivery	EARTH CITY, MO
	6:41 AM At local FedEx facility	EARTH CITY, MO
	5:04 AM At dest sort facility	BERKELEY, MO
	4:00 AM Departed FedEx location	MEMPHIS, TN
Apr 29, 2008	12:35 AM Arrived at FedEx location	MEMPHIS, TN
	5:38 PM Left origin	PASCO, WA
	4:16 PM Package data transmitted to FedEx	
	4:14 PM Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 2366 -

Client: Hamford COC/RFA No: See Below Condition Upon Receipt Form
 Quote No: AB Initiated By: AB Date: 4-30-08
 Time: 9:00

Shipping Information

Shipper Name: FE Multiple Packages Y (N)
 Shipping # (s):* 7910 5583 4239 Sample Temperature (s):**
 1. 10 6. 10
 2. 10 7. 10
 3. 10 8. 10
 4. 10 9. 10
 5. 10 10. 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. <u>(Y)</u> N	Are there custody seals present on the cooler?	8. <u>(Y)</u> N	Are there custody seals present on bottles?
2. Y <u>(N)</u> N/A	Do custody seals on cooler appear to be tampered with?	9. Y <u>(N)</u> N/A	Do custody seals on bottles appear to be tampered with?
3. <u>(Y)</u> N	Were contents of cooler frisked after opening, but before unpacking?	10. Y <u>(N)</u> N/A	Was sample received with proper pH? (If not, make note below)
4. <u>(Y)</u> N	Sample received with Chain of Custody?	11. Y N	If N/A- Was pH taken by original TestAmerica lab?
5. <u>(Y)</u> N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <u>(Y)</u> N	Sample received in proper containers?
6. Y <u>(N)</u>	Was sample received broken?	13. Y N <u>(N/A)</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <u>(Y)</u> N	Is sample volume sufficient for analysis?	14. Y N	Was Internal COC/Workshare received?

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

Notes:

S08-004-1119, 1118
S I 08-027-17, 16

Received w/ a pH ~ 7 for the following sample
AB 4-30-08
811B35 (250g) - transfer to a larger bottle and add acid. X per MF/lot OPO217-a
BIT3H2 (3xEG) - add HCL per MF/lot add 3ml from lot M700348-08
pH now ok

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____
 Project Management Review: mult If released, notify: _____
 Date: 05-08-08

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

ADMIN-0004 REVISED 03/07/04

SDG SL736

FLUOR HANFORD

SL736

CH 3141

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W08-004-209

Page 1 of 1

Collect: P.D. Julian

Contact/Requester: Steve Trent

Telephone No.: 509-373-5869

MSIN: FAX

SAF No.: W08-004

Sampling Origin: Hanford Site

Purchase Order/Charge Code

Project Title: RCRA, APRIL 2008

Ice Chest No.: 640-07-010

Temp.

Shipped To (Lab): TestAmerica St. Louis

Method of Shipment: Govt. Vehicle

Bill of Lading/Air Bill No.: 7918 9380 0141

Protocol: RCRA

Priority: 45 Days

Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

Hold Time

Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☒ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0F6		W	4-30-08	13.21	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0F6		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0F7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0F7		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0F8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0F8		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0F9		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0F9		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V108 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V109		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V109		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool-4C
B1V109		W			1x20-mL P	Activity Scan	None

Relinquished By: R.D. Julian

Print: [Signature]

Sign: [Signature]

Date/Time: APR 30 2008 1400

Received By: FedEx

Print: [Signature]

Sign: [Signature]

Date/Time: 5/1/08 0915

Relinquished By: FedEx

Print: [Signature]

Sign: [Signature]

Date/Time: [Blank]

Received By: [Blank]

Print: [Blank]

Sign: [Blank]

Date/Time: [Blank]

Relinquished By: [Blank]

Print: [Blank]

Sign: [Blank]

Date/Time: [Blank]

Received By: [Blank]

Print: [Blank]

Sign: [Blank]

Date/Time: [Blank]

Matrix *

S = Soil DS = Drum Solid

SF = Sediment DN = 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

SLG# SL736

FLUOR HANFORD

SL736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

W08-004-207

Page 1 of 1

Collector: R. D. Julian	Contact/Requester: Steve Trent	Telephone No.: 509-371-5869	MSIN: 	FAX:
SAF No.: W08-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 		
Project Title: RCRA APRIL 2008	Method of Shipment: HAVE-N-506-15	Ice Chest No.: B16-10	Temp.: 	
Shipped To (Lab): TestAmerica St. Louis	Govt. Vehicle: 	Bill of Lading/Air Bill No.: 7993 1697 5108		
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

Site-Wide Generator Knowledge Information Form applies.

Hold Time

Total Activity Exemption: Yes ☒ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V073		W	4-30-08	1003	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V073		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V074		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V074		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V075		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V075		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V076		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V076		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V076 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V077		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V077		W			1x20-mL P	Activity Scan	None

Relinquished By: R. D. Julian	Print:	Sign:	Date/Time: APR 30 2008	Received By:	Print:	Sign:	Date/Time: 5/1/08 0915	Matrix * S - Soil DS - Drum Solid SE - Sediment DT - Drum Lined SO - Solid T - Tissue SL - Shale WI - Wine W - Water L - Liquid O - Oil V - Vegetation A - Air X - Other
Relinquished By:	Date/Time:	Received By:	Date/Time:					
Relinquished By:	Date/Time:	Received By:	Date/Time:					
Relinquished By:	Date/Time:	Received By:	Date/Time:					
FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process)								Disposed By: Date/Time:

3 OF 3 11

TestAmerica St. Louis

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799316975108
 Signed for by B.DANIELS
 Ship date Apr 30, 2008
 Delivery date May 1, 2008 9:11 AM

Reference
 Destination
 Delivered to
 Service type
 Weight

BIG-10
 Earth City, MO
 Shipping/Receiving
 Priority Overnight
 48.0 lbs.

Status Delivered

Signature Image available Yes

Date/Time	Activity	Location
May 1, 2008	9:11 AM Delivered	Earth City, MO
	6:43 AM On FedEx vehicle for delivery	EARTH CITY, MO
	6:37 AM At local FedEx facility	EARTH CITY, MO
	5:16 AM At dest sort facility	BERKELEY, MO
	4:24 AM Departed FedEx location	MEMPHIS, TN
Apr 30, 2008	5:24 PM Left origin	PASCO, WA
	4:17 PM Package data transmitted to FedEx	
	4:13 PM Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/e

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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](#)

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 791893800141
Signed for by B.DANIELS
Ship date Apr 30, 2008
Delivery date May 1, 2008 9:11 AM

Reference GW0-07-010
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 48.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 1, 2008	9:11 AM Delivered	Earth City, MO
	7:12 AM On FedEx vehicle for delivery	EARTH CITY, MO
	6:46 AM At local FedEx facility	EARTH CITY, MO
	5:16 AM At dest sort facility	BERKELEY, MO
	4:24 AM Departed FedEx location	MEMPHIS, TN
Apr 30, 2008	1:37 AM Arrived at FedEx location	MEMPHIS, TN
	5:24 PM Left origin	PASCO, WA
	4:19 PM Package data transmitted to FedEx	
	4:13 PM Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): E80 F8E010282
- 3141 -

Client: Hanford COC/RFA No: See below Condition Upon Receipt Form
 Quote No: 19091/19093 Initiated By: 60 Date: 5/1/08
 Time: 0

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7993 1697 510b 6. _____
 2. 7918 9380 0141 7. _____
 3. _____ 8. _____
 4. _____ 9. _____
 5. _____ 10. _____

Multiple Packages ☒ Y ☐ N

Sample Temperature (s):**

1. 2 6. _____
 2. 5 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? (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?

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

Notes: 1. W08-064-207, S08-004-111, 114
 2. W08-004-209

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____Project Management Review: mill

If released, notify: _____

Date: 05-08-08

3141

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.

ADMIN 004 REVISED 05/07/2004 (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04) (10/04/04)

38 of 311

Page 1 of 1

● ●

Total Activity Exemption: Yes ☒ No ☐Date/Time

56736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #	
----------	--

108-025-222

Page 1 of 1

Collection J. Santos

Contact/Requester	
--------------------------	--

Steve Trent

Telephone No. _____

MSIN

FAX

SAF No.

108-025

[illegible]

Hanford Site

Purchase Order

Purchase Order/Charge Code

Project Title

100HR31AM(1/2). MARCH 2008

Method of Shipment	By Air
---------------------------	--------

Govt. Vehicle

Ice Chest No.

Temp.

Bill of Lading/Air Bill No.

Bill of Lading/Air Bill No. 7984 3268 7356

Protocol

CERCLA

Priority: 45 Days

SPECIAL INSTRUCTIONS

Hold Time

Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☒ No ☐

POSSIBLE SAMPLE HAZARDS/REMARKS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

11 11

[illegible]

Relinquished By D. J. Sparks	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time MAY 01 2008	Received By FedEx	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5/2/08	Matrix *	
Relinquished By FedEx	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5/2/08	Received By FedEx	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5/2/08	S = Soil SF = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time		
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time		
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By		Date/Time	

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

I08-025-220

Page 1 of 1

Collect J. Santos

Contact/Requester	Siege Trent
-------------------	-------------

Telephone No.
509-373-5869

MSIN

FAX

SAF No.

108-025

Sampling Origin	Hanford Site
-----------------	--------------

Purchase Order/Charge Code

Project Title

100HR31AM(1/2) MARCH 2008

HAUF-N-506-15

Ice Chest No. _____

CRP-73-000

Temp.

Shipped To (Lab)

TestAmerica St. Louis

Method of Shipment	Goyt. Vehicle
--------------------	---------------

Bill of Lading/Air Bill No.

No. 79843268 7356

Protocol

CERCLA

Priority: 45 Days

Offsite Property No.

SPECIAL INSTRUCTIONS

Hold Time

Total Activity Exemption: Yes ☒ No ☐

Site-Wide Generator Knowledge Information Form applies.

TestAmerica St. Louis

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 798432887356
Signed for by B.DANIELS
Ship date May 1, 2008
Delivery date May 2, 2008 9:06 AM

Reference
Destination
Delivered to
Service type
Weight

GRP-03-008
Earth City, MO
Shipping/Receiving
Priority Overnight
51.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 2, 2008 9:06 AM	Delivered	Earth City, MO
7:01 AM	On FedEx vehicle for delivery	EARTH CITY, MO
6:54 AM	At local FedEx facility	EARTH CITY, MO
5:15 AM	At dest sort facility	BERKELEY, MO
3:59 AM	Departed FedEx location	MEMPHIS, TN
1:06 AM	Arrived at FedEx location	MEMPHIS, TN
May 1, 2008 5:40 PM	Left origin	PASCO, WA
4:20 PM	Picked up	PASCO, WA
3:02 PM	Package data transmitted to FedEx	

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

I

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F8E020250
- 3089 -Client: Hanford COC/RFA No: 108-025-219, 220, 222, 228 Date: 5/2/05
Quote No: 79348 Initiated By: BO Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages Y N
Shipping # (s): * Sample Temperature (s): *
1. 7964 3266 7356 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? (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:

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
 Project Management Review: mill Date: 05-08-08

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

TestAmerica St. Louis

Relinquished By D. J. Sparks	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time MAY 06 2008	Received By FED EX	Print	Sign	Date/Time	Matrix *	
Relinquished By FED EX			Date/Time	Received By Cynthia Susan ABrunson			Date/Time 5-7-08 9:30	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air	DS = Drum Solid DL = Drum Liquid T = Tissue WL = Wine L = Liquid V = Vegetation X = Other
Relinquished By			Date/Time	Received By			Date/Time		
Relinquished By			Date/Time	Received By			Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time		

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 798935831903
Signed for by B.DANIELS
Ship date May 6, 2008
Delivery date May 7, 2008 9:22 AM

Reference
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 85.0 lbs.

Status Delivered

Signature Image available Yes

Date/Time	Activity	Location
May 7, 2008 9:22 AM	Delivered	Earth City, MO
7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO
7:22 AM	At local FedEx facility	EARTH CITY, MO
5:12 AM	At dest sort facility	BERKELEY, MO
4:50 AM	Departed FedEx location	MEMPHIS, TN
12:52 AM	Arrived at FedEx location	MEMPHIS, TN
May 6, 2008 5:24 PM	Left origin	PASCO, WA
4:26 PM	Package data transmitted to FedEx	
4:07 PM	Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

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](#)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 3220 -F8E07024760
247
244
251
256Client: Howard
Quote No: 78142, 79043
79092, 79091COC/RFA No: See Below
Initiated By: NBDate: 5-7-08
Time: 9:30

Shipping Information

Shipper Name: FE
Shipping # (s): *1. 7918 9608 8710
2. _____
3. _____
4. _____
5. _____6. _____
7. _____
8. _____
9. _____
10. _____Multiple Packages ☒ Y ☐ N
Sample Temperature (s): **1. 2
2. 2
3. _____
4. _____
5. _____6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1. ☒ Y ☐ N	Are there custody seals present on the cooler?	8. ☒ Y ☐ N	Are there custody seals present on bottles?
2. ☒ Y ☒ N ☐ N/A	Do custody seals on cooler appear to be tampered with?	9. ☒ Y ☒ N ☐ N/A	Do custody seals on bottles appear to be tampered with?
3. ☒ Y ☐ N	Were contents of cooler frisked after opening, but before unpacking?	10. ☒ Y ☐ N ☐ N/A	Was sample received with proper pH? (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?

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

Notes:

108-032-81W08-004-211S08-004-1147, 1156, 1130, 1167, 1134, 1133, 1127, 1129, 1169, 1171, 1137, 75S08-003-222

Corrective Action:

- ☐ Client Contact Name: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____

Informed by: _____

If released, notify: _____

Project Management Review: MichaelDate: 05-08-08

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

ADMIN.0004 REVISED 08/05/07 (S:\admin\ADMIN\FORMS\ST-Louis\ADMIN\ADMIN\004.mv11.doc)

Cute
3220

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

S08-004-1147

Page 1 of 2

Collector S. HAMAKER

Contact/Requester	Steve Trent
-------------------	-------------

Telephone No.
509-373-5869

MSIN

FAX

SAF No.
S08-004

Sampling Origin	Hanford Site
-----------------	--------------

Purchase Order/Charge Code

Project Title
SURV. APRIL 2008

HRF-N-506-15

Ice Chest No. <i>215</i>	Temp.
--------------------------	-------

Shipped To (Lab)
TestAmerica St. Louis

Method of Shipment	Govt. Vehicle
--------------------	---------------

Bill of Lading/Air Bill No. 7918 9608 5710

Protocol
SURV

Priority: 45 Days

Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

* * * 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

Site-Wide Generator Knowledge Information Form applies.

Hold Time

Total Activity Exemption: Yes ☒ No ☐[illegible]

Item 1 Antimony, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Strontium, Vanadium, Zinc

Relinquished By S. HAMAKER Print S. Hamaker Sign S. Hamaker Date/Time 1400
MAY 05 2008

Received By Fed Ex Print Sign Date/Time

Matrix *

Relinquished By RD Ex Date/Time

Received By Andrew Labson AB Brunson Date/Time 5-7-08 9:30

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

Relinquished By _____ Date/Time _____

Received By	Date/Time
-------------	-----------

Relinquished By _____ Date/Time _____

Received By _____ Date/Time _____

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process)

Disposed By

Date/Time

Item 1 Antimony, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Strontium, Vanadium, Zinc

TestAmerica St. Louis

56736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

S08-004-1130

Page 1 of 1

Collector Roy Sickle		Contact/Requester Steve Trent	Telephone No. 509-373-5869	MSIN	FAX
SAF No. S08-004		Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title SURV. APRIL 2008		HNF-N-506-13	Ice Chest No.	Temp.	
Shipped To (Lab) TestAmerica St. Louis			Bill of Lading/Air Bill No.		7918 9608 8710
Protocol SURV		Method of Shipment Govt. Vehicle	Priority: 45 Days		Offsite Property No.
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)			SPECIAL INSTRUCTIONS Hold Time Site-Wide Generator Knowledge Information Form applies.		
			Total Activity Exemption: Yes ☒ No ☐		

[illegible]

Relinquished By Roy Sickles	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5-5-08 1:40	Received By <i>[Signature]</i>	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5-7-08 7:30	Matrix *	
Relinquished By REDEX				Received By <i>[Signature]</i>				S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air	DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine LI = Linnid V = Vegetation X = Other
Relinquished By				Received By					
Relinquished By				Received By					
FINAL SAMPLE DISPOSITION				Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By	
								Date/Time	

Page 1 of 2

Total Activity Exemption:	Yes	☒	No	☐
---------------------------	-----	-------------------------------------	----	--------------------------

[illegible]

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

Date/Time

56736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

S08-004-1127

Page 1 of 2Collector **R.L. BREWINGTON**

Contact/Requester	
--------------------------	--

Telephone No. _____

MSIN

FAX

SAF No.

Sampling Origin	Sampling Date	Sampling Time	Sampling Location	Sampling Method	Sampling Result
...	...	...	...	...	...

Purchase Order/Charge Code

S08-004

Project Title

SURV. APRIL 2008

Shipped To (Lab)

TestAmerica St. Louis

Protocol

SURY

Method of ShipmentIce Chest No. ERC-1 Temp. _____

Bill of Lading/Air Bill No. 7789-3583-1903

Offsite Property No.

Priority: 45 Days

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

POSSIBLE SAMPLE HAZARDS/REMARKS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

** ** 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)

[illegible]

Item 1 Antimony, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Strontium, Vanadium, Zinc

Relinquished By B.R. BREWINGTON	Print B.R. Brewington	Sign 	1400 MAY 11 A 2000	Date/Time	Received By FED. EX	Print	Sign	Date/Time	Matrix *
Relinquished By FED EX				Date/Time	Received By A Brunson Angel Born			Date/Time 5-7-08 9:30	S - Soil SE - Sediment SO - Solid SL - Shale W - Water O - Oil A - Air DS - Drums Solid DL - Drums Liquid T - Tissue WI - Wine L - Liquid V - Vegetation X - Other
Relinquished By				Date/Time	Received By			Date/Time	
Relinquished By				Date/Time	Received By			Date/Time	
Relinquished By				Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION				Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By	Date/Time

TestAmerica St. Louis

SDG#SL73

FLUOR HANFORD

SL736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

S08-004-75

Page 1 of 2

Collector **D.J. Sparks**Contact/Requester
Steve TrentTelephone No. MSIN FAX
509-373-5869SAF No.
S08-004Sampling Origin
Hanford Site

Purchase Order/Charge Code

Project Title
SURV APRIL 2008

HNF-N-SOL-10

Ice Chest No. **ERC-1** Temp.Shipped To (Lab)
TestAmerica St. LouisMethod of Shipment
Govt. VehicleBill of Lading/Air Bill No. **7789-3583-1903**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 ☐

Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1TX37 (F)		W	5/6/08	1239	1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1TX37 (F)		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1TX37 (F)		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1TX37 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18) (see item 1)	HNO3 to pH <2
B1TX41		W			1x500-mL G/P	6020_METALS_ICPMS: Lead (1)	HNO3 to pH <2
B1TX41		W			1x500-mL G	7470_HG_CVAA: Mercury (1)	HNO3 to pH <2
B1TX41		W			1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1TX41		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool-4C
B1TX41		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1TX41		W			1x250-mL aGs*	9060_TOX: TOX (1)	HCl or H2SO4 to pH <2 Cool-4C
B1TX41		W			1x20-mL P	Activity Scan	None
B1TX41		W			4x40-mL aGs*	8260_VOA_GCMS: List-2 (26)	HCl or H2SO4 to pH <2 Cool-4C
B1TX41		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18) (see item 1)	HNO3 to pH <2

Item 1 Antimony, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Strontium, Vanadium, Zinc

Relinquished By D.J. Sparks	Date/Time MAY 06 2008	Received By FED EX	Date/Time 5-7-08 9:30	Matrix * S - Soil DS = Drum Solid SE - Sediment DI = Drum Liquid SO - Solid T = Tissue SL - Sludge WI = Wine W - Water L = Liquid O - Oil V = Vegetation A - Air X = Other	
Relinquished By FEDEX	Date/Time	Received By ABrunson Angel Boon	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time		
Relinquished By	Date/Time	Received By	Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By	Date/Time

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 791896088710
Signed for by B.DANIELS
Ship date May 5, 2008
Delivery date May 7, 2008 9:22 AM

Reference SWS-1
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 58.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 7, 2008 9:22 AM	Delivered	Earth City, MO
6:20 AM	On FedEx vehicle for delivery	EARTH CITY, MO
6:14 AM	At local FedEx facility	EARTH CITY, MO
May 6, 2008 4:19 PM	Departed FedEx location	MEMPHIS, TN
4:19 PM	At dest sort facility	BERKELEY, MO
12:33 AM	Arrived at FedEx location	MEMPHIS, TN
May 5, 2008 5:31 PM	Left origin	PASCO, WA
4:23 PM	Picked up	PASCO, WA
3:55 PM	Package data transmitted to FedEx	

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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](#)

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 798935831903
 Signed for by B.DANIELS
 Ship date May 6, 2008
 Delivery date May 7, 2008 9:22 AM

Reference
 Destination
 Delivered to
 Service type
 Weight

ERC-1
 Earth City, MO
 Shipping/Receiving
 Priority Overnight
 85.0 lbs.

Status Delivered

Signature image
 available Yes

Date/Time	Activity	Location
May 7, 2008 9:22 AM	Delivered	Earth City, MO
7:28 AM	On FedEx vehicle for delivery	EARTH CITY, MO
7:22 AM	At local FedEx facility	EARTH CITY, MO
5:12 AM	At dest sort facility	BERKELEY, MO
4:50 AM	Departed FedEx location	MEMPHIS, TN
12:52 AM	Arrived at FedEx location	MEMPHIS, TN
May 6, 2008 6:24 PM	Left origin	PASCO, WA
4:26 PM	Package data transmitted to FedEx	
4:07 PM	Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception
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](#)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 3220 -241
F8E07024160
240
251
256Client: Hamford
Quote No: 79092, 79093
79092, 79091COC/RFA No: See Below
Initiated By: ABDate: 5-7-08
Time: 9:30

Shipping Information

Shipper Name: FE
Shipping # (s):*1. 7918 9608 8710
2. _____
3. _____
4. _____
5. _____6. _____
7. _____
8. _____
9. _____
10. _____Multiple Packages ☒ Y ☐ N
Sample Temperature (s):**1. 2
2. 2
3. _____
4. _____
5. _____6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

1. ☒ Y ☐ N	Are there custody seals present on the cooler?	8. ☒ Y ☐ N	Are there custody seals present on bottles?
2. ☒ Y ☐ N ☐ N/A	Do custody seals on cooler appear to be tampered with?	9. ☒ Y ☐ N ☐ N/A	Do custody seals on bottles appear to be tampered with?
3. ☒ Y ☐ N	Were contents of cooler frisked after opening, but before unpacking?	10. ☒ Y ☐ N ☐ N/A	Was sample received with proper pH? (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?

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

Notes:

IO8-032-81W08-004-211808-004-1147, 1156, 1130, 1167, 1134, 1133, 1127, 1129, 1169, 1171, 1137, 75808-003-222

Corrective Action:

- ☐ Client Contact Name: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____
- Project Management Review: mill

Informed by: _____

If released, notify: _____

Date: 05-08-08

3220

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.

100 Area Generator Knowledge Information Form applies.

TestAmerica St. Louis

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 791896088710
Signed for by B.DANIELS
Ship date May 5, 2008
Delivery date May 7, 2008 9:22 AM

Reference SWS-1
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 58.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 7, 2008	9:22 AM Delivered	Earth City, MO
	8:20 AM On FedEx vehicle for delivery	EARTH CITY, MO
	6:14 AM At local FedEx facility	EARTH CITY, MO
May 6, 2008	4:19 PM Departed FedEx location	MEMPHIS, TN
	4:19 PM At dest sort facility	BERKELEY, MO
	12:33 AM Arrived at FedEx location	MEMPHIS, TN
May 5, 2008	5:31 PM Left origin	PASCO, WA
	4:23 PM Picked up	PASCO, WA
	3:55 PM Package data transmitted to FedEx	

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 3220 -241
F8E07024/60
240
(25)
256Client: Hamford
Quote No: 79092, 79093
79092, 79091COC/RFA No: See Below
Initiated By: NBDate: 5-7-08
Time: 9:30

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7918 9608 8710 6. _____
2. _____ 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____Multiple Packages ☒ Y ☐ N

Sample Temperature (s):**

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

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes:

108-032-81W08-004-211S08-004-1147, 1156, 1130, 1167, 1134, 1133, 1127, 1129, 1169, 1171, 1137, 75S08-003-222

Corrective Action:

- ☐ Client Contact Name: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____

Informed by: _____

Project Management Review: mill

If released, notify: _____

Date: 05-08-08

3220

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

G# SL73 FLUOR HANFORD SL736		CWB 3220 CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C. # W08-004-211	
Collector Roy Sickie		Contact/Requester Steve Trent		Telephone No. MSIN FAX 509-373-5869	
SAF No. W08-004		Sampling Origin Hanford Site		Purchase Order/Charge Code	
Project Title RCRA APRIL 2008		HNF-N-JOC-13		Ice Chest No. SW5-1 Temp.	
Shipped To (Lab) TestAmerica St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. 7218 9606 8710	
Protocol RCRA		Priority: 45 Days		Offsite Property No.	
POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order: 5400.5 (1990/1993)			SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☒ No ☐ Site-Wide Generator Knowledge Information Form applies.		

[illegible]

Relinquished By Roy Sickle	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time 5-6-08 1:40	Received By <i>[Signature]</i>	Print	Sign	Date/Time	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Shavings WT = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By <i>[Signature]</i>			Date/Time	Received By ABurnson			Date/Time Angelo Brown 5-7-08 9:30	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)						Disposed By	Date/Time

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 791896088710
Signed for by B.DANIELS
Ship date May 5, 2008
Delivery date May 7, 2008 9:22 AM

Reference SWS-1
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 58.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 7, 2008 9:22 AM	Delivered	Earth City, MO
6:20 AM	On FedEx vehicle for delivery	EARTH CITY, MO
8:14 AM	At local FedEx facility	EARTH CITY, MO
May 6, 2008 4:19 PM	Departed FedEx location	MEMPHIS, TN
4:19 PM	At dest sort facility	BERKELEY, MO
12:33 AM	Arrived at FedEx location	MEMPHIS, TN
May 5, 2008 5:31 PM	Left origin	PASCO, WA
4:23 PM	Picked up	PASCO, WA
3:55 PM	Package data transmitted to FedEx	

Signature proof

E-mail results

Track more shipments/c

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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](#)

# FLUOR HANFORD SL736		CUR 3231 CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		C.O.C.# S08-003-243	
				Page 1 of 1	
Collector SA BREWSTER		Contact/Requester Steve Trent		Telephone No. MSIN FAX 509-373-5869	
SAF No. S08-003		Sampling Origin Hanford Site		Purchase Order/Charge Code	
Project Title SURV. MARCH 2008		HNF-N-506-15		Ice Chest No. ERC-97-043 Temp.	
Shipped To (Lab) TestAmerica St. Louis		Method of Shipment Govt. Vehicle		Bill of Lading/Air Bill No. 7998 5038 9883	
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 Site-Wide Generator Knowledge Information Form applies.		Hold Time Total Activity Exemption: Yes ☒ No ☐	

[illegible]

Relinquished By Print Sign Date/Time	Received By Print Sign Date/Time	Matrix * S = Soil DS = Drums Solid SE = Sediment DM = Drums Liquid SO = Solid F = Fume SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By Date/Time	Received By Date/Time	
Relinquished By Date/Time	Received By Date/Time	
Relinquished By Date/Time	Received By Date/Time	
Relinquished By Date/Time	Received By Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By Date/Time

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799850389883
Signed for by B.DANIELS
Ship date May 7, 2008
Delivery date May 8, 2008 9:09 AM

Reference
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 90.0 lbs.

Status Delivered

Signature image available Yes

Date/Time	Activity	Location
May 8, 2008 9:09 AM	Delivered	Earth City, MO
7:03 AM	On FedEx vehicle for delivery	EARTH CITY, MO
6:54 AM	At local FedEx facility	EARTH CITY, MO
6:23 AM	At dest sort facility	BERKELEY, MO
4:31 AM	Departed FedEx location	MEMPHIS, TN
1:22 AM	Arrived at FedEx location	MEMPHIS, TN
May 7, 2008 5:41 PM	Left origin	PASCO, WA
4:30 PM	Package data transmitted to FedEx	
3:42 PM	Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception updates

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 3231 -F9E080173
175

Client: Hanford COC/RFA No: See below Date: 5/6/48
 Quote No: 9093/78747 Initiated By: BD Time: 0900

Shipping Information

Shipper Name: FE

Shipping # (s):*

1. 7946 5038 9883

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

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

Notes: 508-003-243, 508-004-961, 408-005-396, 404, 412, 420, 428

Corrective Action:

☐ Client Contact Name: _____

Informed by: _____

☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____

If released, notify: _____

Project Management Review: mmhDate: 05-08-08

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

SDG#

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799850389883
Signed for by B.DANIELS
Ship date May 7, 2008
Delivery date May 8, 2008 9:09 AM

Reference
Destination Earth City, MO
Delivered to Shipping/Receiving
Service type Priority Overnight
Weight 90.0 lbs.

Status Delivered

Signature Image available Yes

Date/Time	Activity	Location
May 8, 2008 9:09 AM	Delivered	Earth City, MO
7:03 AM	On FedEx vehicle for delivery	EARTH CITY, MO
6:54 AM	At local FedEx facility	EARTH CITY, MO
6:23 AM	At dest sort facility	BERKELEY, MO
4:31 AM	Departed FedEx location	MEMPHIS, TN
1:22 AM	Arrived at FedEx location	MEMPHIS, TN
May 7, 2008 5:41 PM	Left origin	PASCO, WA
4:30 PM	Package data transmitted to FedEx	
3:42 PM	Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception 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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F9E080173
- 3231 - (175)Client: Hanford COC/RFA No: See below Date: 5/6/46
Quote No: 9093/78747 Initiated By: BO Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages Y (N)
Shipping # (s): * Sample Temperature (s): **
1. 7946 5038 9883 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. <u>(Y)</u> N	Are there custody seals present on the cooler?	8. <u>(Y)</u> N	Are there custody seals present on bottles?
2. Y <u>(N)</u> N/A	Do custody seals on cooler appear to be tampered with?	9. Y <u>(N)</u> N/A	Do custody seals on bottles appear to be tampered with?
3. <u>(Y)</u> N	Were contents of cooler frisked after opening, but before unpacking?	10. Y N <u>(N/A)</u>	Was sample received with proper pH? (If not, make note below)
4. <u>(Y)</u> N	Sample received with Chain of Custody?	11. Y N	If N/A- Was pH taken by original TestAmerica lab?
5. <u>(Y)</u> N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <u>(Y)</u> N	Sample received in proper containers?
6. Y <u>(N)</u>	Was sample received broken?	13. Y N <u>(N/A)</u>	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <u>(Y)</u> N	Is sample volume sufficient for analysis?	14. Y N	Was Internal COC/Workshare received?

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

Notes: 508-003-243, 508-004-961, W08-005-396, 404, 412, 420, 426

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____

☐ Sample(s) processed "as is" _____

☐ Sample(s) on hold until: _____

Project Management Review: mill If released, notify: _____

Date: 05-08-08

SL736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

W08-005-404

Page 1 of 1

Collector **Roy Sickle**

Contact/Requester	Steve Trent
--------------------------	-------------

Telephone No.	MSIN	FAX
509-373-5869		

SAF No.
W08-005

Sampling Origin	Hanford Site
-----------------	--------------

Purchase Order/Charge Code

Project Title
RCRA MAY 2008

HNF-N-506-14

Ice Chest No.	201-99 0013	Temp.
---------------	-------------	-------

Shipped To (Lab) _____
TestAmerica St. Louis _____

Method of Shipment	Govt. Vehicle
--------------------	---------------

Bill of Lading/Air Bill No. 7788 3238 9883

Protocol

Priority: 45 Days

Offsite Property No.

RCRA	
POSSIBLE SAMPLE HAZARDS/REMARKS	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

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

SPECIAL INSTRUCTIONS

Hold Time

Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☒ No ☐

[illegible]

Relinquished By: **Roy Sickles** Print Sign Date/Time: **MAY 07 2008**

Received By	Print	Sign
-------------	-------	------

Date/Time
MAY 07 2008

Matrix *

Relinquished By _____ Date/Time _____

Received By _____

Date/Time

Relinquished By _____ Date/Time _____

Received By _____

Date/Time

Relinquished By _____ Date/Time _____

Received By _____

Date/Time

S	= Soil	DS	= Drum Solid
SF	= Sediment	DL	= Drum Liquid
SO	= Solid	T	= Tissue
SL	= Sludge	W	= 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

Relinquished By Roy Sickle	Print <i>[Signature]</i>	Sign	Date/Time 1400	Received By FED EX	Print	Sign	Date/Time MAY 07 2008	Matrix * S - Soil DS - Drum Solid SF - Sediment DF - Drum Liquid SO - Solid T - Tissue SL - Sludge WI - Wine W - Water L - Liquid O - Oil V - Vegetation A - Air X - Other
Relinquished By FED EX			Date/Time MAY 07 2008	Received By <i>[Signature]</i>			Date/Time 5/8/08 0900	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)				Disposed By		Date/Time

TestAmerica St. Louis

SL736

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

W08-005-420

Page 1 of 1

Collector **Roy Sickie**

Contact/Requester
Steve Trent

Telephone No.
509-373-5869

MSIN

FAX

SAF No.

W08-0015

Project Title

RCRA MAY 2008

Shipped To (Lab)

TestAmerica St. Louis

Protocol

RCRA

Sampling Origin	Hanford Site
-----------------	--------------

Method of Shipment

Govt. Vehicle

Purchase Order/Charge Code	
-----------------------------------	--

Purchasing Order/Contract Cont.

Ice Chest No. 500 00 Temp.

ERC-99-043

Bill of Lading/Air Bill No.

DATE OF FILING: 01/01/2010

Offsite Property No.

Priority: 45 Days

SPECIAL INSTRUCTIONS

Hold Time

SPECIAL INSTRUCTIONS **Hold True**
Site-Wide Generator Knowledge Information Form applies.

Total Activity Exemption: Yes ☒ No[illegible]

** ** 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)

[illegible]

Relinquished By Roy Sickles	Date/Time MAY 07 2008	Received By Red Ex	Date/Time MAY 07 2008	Print	Sign	Matrix *
Relinquished By RED EX	Date/Time	Received By B-20	Date/Time 5/3/08 0900			S = Soil SE = Sediment SO = Solid SL = Shale W = Water O = Oil A = Air DS = Drum Solid DL = Drum Liquid T = Tissue WI = Wine L = Liquid V = Vegetation X = Other
Relinquished By	Date/Time	Received By	Date/Time			
Relinquished By	Date/Time	Received By	Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)		Disposed By		Date/Time

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 799850389883
Signed for by B.DANIELS
Ship date May 7, 2008
Delivery date May 8, 2008 9:09 AM

Reference
Destination
Delivered to
Service type
Weight

ERC-99-043
Earth City, MO
Shipping/Receiving
Priority Overnight
90.0 lbs.

Status Delivered

Signature image
available Yes

Date/Time	Activity	Location
May 8, 2008	9:09 AM Delivered	Earth City, MO
	7:03 AM On FedEx vehicle for delivery	EARTH CITY, MO
	6:54 AM At local FedEx facility	EARTH CITY, MO
	6:23 AM At dest sort facility	BERKELEY, MO
	4:31 AM Departed FedEx location	MEMPHIS, TN
May 7, 2008	1:22 AM Arrived at FedEx location	MEMPHIS, TN
	5:41 PM Left origin	PASCO, WA
	4:30 PM Package data transmitted to FedEx	
	3:42 PM Picked up	PASCO, WA

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception
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](#)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F 8E080173
- 3231 - 175
210Client: Hanford COC/RFA No: See below Date: 5/6/46
Quote No: -90093/78747 Initiated By: BO Time: 0900

Shipping Information

Shipper Name: FE
Shipping # (s):*1. 7946 5038 9683 6. _____
2. _____ 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____Multiple Packages Y (N)
Sample Temperature (s):** _____1. 2 6. _____
2. _____ 7. _____
3. _____ 8. _____
4. _____ 9. _____
5. _____ 10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

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

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

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

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

Notes: 508-003-243, 508-004-961, 508-005-396, 404, 412, 420, 426

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____☐ Sample(s) processed "as is"☐ Sample(s) on hold until: _____Project Management Review: mill

If released, notify: _____

Date: 05-08-08

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

ADMIN-0004. REVISED 08/06/07 \S1\src\01\VOA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

SDG# SL73

FLUOR HANFORD

CVR

3203

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

W08-004-210

Page 1 of 1

Collector

R.R. Fox

Contact/Requester

Steve Trent

Telephone No.

509-373-5869

MSIN

FAX

SAF No.

W08-004

Sampling Origin

Hanford Site

Purchase Order/Charge Code

Project Title

RCRA APRIL 2008

HNF-N-506-13

Ice Chest No.

GEL

Temp.

Shipped To (Lab)

TestAmerica St. Louis

Method of Shipment

Govt Vehicle

Bill of Lading/Air Bill No.

798438467293

Protocol

RCRA

Priority: 45 Days

Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

Hold Time

Total Activity Exemption: Yes ☒ No ☐

Site-Wide Generator Knowledge Information Form applies.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1V0W5		W	5/7/08	0918	1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0W5		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0W6		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0W6		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0W7		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0W7		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0W8		W			1x1000-mL aGs*	9020_TOX: TOX (1)	H2SO4 to pH <2 Cool-4C
B1V0W8		W			1x250-mL aGs*	9060_TOX: TOC (1)	HCl or H2SO4 to pH <2 Cool-4C
B1V0W9 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V0X0		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1V0X0		W			1x20-mL P	Activity Scan	None

Relinquished By R.R. Fox

Print

Sign

Date/Time

MAY 9 2008

Received By

Print

Sign

Date/Time

FED EX

Matrix *

S

= Soil

DS

= Drum Solid

SF

= Sediment

DL

= Drum Liquid

SO

= Solid

T

= Tissue

SL

= Sludge

WI

= Wine

W

= Water

L

= Limb

O

= Oil

V

= Vegetation

A

= Air

X

= Other

Relinquished By

Date/Time

Received By

Date/Time

Relinquished By

Date/Time

Received By

Date/Time

Relinquished By

Date/Time

Received By

Date/Time

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process)

Disposed By

Date/Time

TestAmerica St. Louis

OF 311

FedEx | Track

Page 1 of 1

Track Shipments/FedEx Kinko's Orders
Detailed Results

Tracking number 798438667293
 Signed for by B.DANIELS
 Ship date May 9, 2008
 Delivery date May 10, 2008 9:06 AM

Reference
 Destination
 Delivered to
 Service type
 Weight

GEL
 Earth City, MO
 Shipping/Receiving
 Priority Overnight
 45.0 lbs.

Status Delivered

Signature image
 available Yes

Date/Time	Activity	Location
May 10, 2008	9:06 AM Delivered	Earth City, MO
	7:51 AM At local FedEx facility	EARTH CITY, MO
	6:38 AM At dest sort facility	BERKELEY, MO
	4:09 AM Departed FedEx location	MEMPHIS, TN
	12:35 AM Arrived at FedEx location	MEMPHIS, TN
May 9, 2008	5:31 PM Left origin	PASCO, WA
	3:59 PM Picked up	PASCO, WA
	3:15 PM Package data transmitted to FedEx	

Signature proof

E-mail results

Track more shipments/o

Subscribe to tracking updates (optional)

Your name:

Your e-mail address:

E-mail address

Language

Exception
updatesI
t

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s):
- 3203 -

F8E1W77

Client: Hanford COC/RFA No: W06-004-210 Condition Upon Receipt Form
 Quote No: 79191 Initiated By: 60 Date: 5/1/98
 Time: 0900

Shipping Information

Shipper Name: FE Multiple Packages Y (N)
 Shipping # (s):* Sample Temperature (s):**
 1. 7964 3866 7293 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. <u>(Y)</u> N	Are there custody seals present on the cooler?	8. <u>(Y)</u> N	Are there custody seals present on bottles?
2. Y <u>(N)</u> N/A	Do custody seals on cooler appear to be tampered with?	9. Y <u>(N)</u> N/A	Do custody seals on bottles appear to be tampered with?
3. <u>(Y)</u> N	Were contents of cooler frisked after opening, but before unpacking?	10. <u>(Y)</u> N N/A	Was sample received with proper pH? (If not, make note below)
4. <u>(Y)</u> N	Sample received with Chain of Custody?	11. Y N	If N/A- Was pH taken by original TestAmerica lab?
5. <u>(Y)</u> N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12. <u>(Y)</u> N	Sample received in proper containers?
6. Y <u>(N)</u>	Was sample received broken?	13. Y <u>(N)</u> N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7. <u>(Y)</u> 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:

Corrective Action:

☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
 Project Management Review: mill Date: 05-12-98

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.

ADMIN.0004 REVISED 08/06/97 SK001040FORMS-ST.LOUISADMIN\ADMIN004 mill.doc

84 of 311

VOLATILES

Fluor Hanford Inc

Client Sample ID: B1V361

GC/MS Volatiles

Lot-Sample #....: F8D290198-001 Work Order #....: KL7T61AC Matrix.....: WATER
 Date Sampled...: 04/28/08 Date Received...: 04/29/08
 Prep Date.....: 04/30/08 Analysis Date...: 04/30/08
 Prep Batch #....: 8122514
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	0.57 J	1.0	ug/L	0.091
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	92	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	103	(63 - 133)
4-Bromofluorobenzene	103	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1V361

GC/MS Volatiles

Lot-Sample #: F8D290198-001

Work Order #: KL7T61AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1TK88

GC/MS Volatiles

Lot-Sample #....: F8D290198-003 Work Order #....: KL7T81AX Matrix.....: WATER
 Date Sampled....: 04/28/08 Date Received...: 04/29/08
 Prep Date.....: 04/30/08 Analysis Date...: 04/30/08
 Prep Batch #....: 8122514
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	ND	1.0	ug/L	0.091
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY	
		LIMITS	
Toluene-d8	91	(70 - 119)	
Dibromofluoromethane	101	(70 - 124)	
1,2-Dichloroethane-d4	101	(63 - 133)	
4-Bromofluorobenzene	103	(66 - 115)	

Fluor Hanford Inc

B1TK88

GC/MS Volatiles

Lot-Sample #: F8D290198-003

Work Order #: KL7T81AX

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V362

GC/MS Volatiles

Lot-Sample #....: F8E070241-001 Work Order #....: KMPJQ1AC Matrix.....: WATER
 Date Sampled....: 05/06/08 Date Received...: 05/07/08
 Prep Date.....: 05/13/08 Analysis Date...: 05/13/08
 Prep Batch #....: 8140573
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	8.1	1.0	ug/L	0.091
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(70 - 119)
Dibromofluoromethane	99	(70 - 124)
1,2-Dichloroethane-d4	92	(63 - 133)
4-Bromofluorobenzene	88	(66 - 115)

Fluor Hanford Inc

B1V362

GC/MS Volatiles

Lot-Sample #: F8E070241-001

Work Order #: KMPJQ1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V362

GC/MS Volatiles

Lot-Sample #....: F8E070241-001 Work Order #....: KMPJQ2AC Matrix.....: WATER
Date Sampled...: 05/06/08 Date Received...: 05/07/08
Prep Date.....: 05/21/08 Analysis Date...: 05/21/08
Prep Batch #....: 8143276
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichloroethane	ND	1.0	ug/L	0.18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	88	(63 - 133)
4-Bromofluorobenzene	99	(66 - 115)

Fluor Hanford Inc

B1V362

GC/MS Volatiles

Lot-Sample #: F8E070241-001

Work Order #: KMPJQ2AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1TX41

GC/MS Volatiles

Lot-Sample #....: F8E070244-023 Work Order #....: KMQQX1A2 Matrix.....: WATER
 Date Sampled....: 05/06/08 Date Received...: 05/07/08
 Prep Date.....: 05/13/08 Analysis Date...: 05/13/08
 Prep Batch #....: 8140573
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloroethene	ND	1.0	ug/L	0.085
1,4-Dioxane	ND	80	ug/L	7.0
Ethylbenzene	ND	1.0	ug/L	0.061
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	ND	1.0	ug/L	0.091
Carbon disulfide	ND	1.0	ug/L	0.029
1,1-Dichloroethane	ND	1.0	ug/L	0.070
2-Butanone	ND	5.0	ug/L	0.96
Chloroform	ND	1.0	ug/L	0.080
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.13
Propionitrile	ND	5.0	ug/L	4.7
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.089
1,1,1-Trichloroethane	ND	1.0	ug/L	0.099
Carbon tetrachloride	ND	1.0	ug/L	0.042
1,2-Dichloroethane	ND	1.0	ug/L	0.18
Benzene	ND	1.0	ug/L	0.032
Trichloroethene	ND	1.0	ug/L	0.11
4-Methyl-2-pentanone	ND	5.0	ug/L	0.72
1,1,2-Trichloroethane	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.14
Tetrahydrofuran	ND	10	ug/L	3.2
Xylenes (total)	ND	3.0	ug/L	1.6
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1-Butanol	ND	40	ug/L	14
Toluene	ND	1.0	ug/L	0.029

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
1,2-Dichloroethane-d4	91	(63 - 133)
4-Bromofluorobenzene	92	(66 - 115)

Fluor Hanford Inc

B1TX41

GC/MS Volatiles

Lot-Sample #: F8E070244-023

Work Order #: KMQQX1A2

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: B1TX41

GC/MS Volatiles

Lot-Sample #....: F8E070244-023 Work Order #....: KMQQX2A2 Matrix.....: WATER
Date Sampled....: 05/06/08 Date Received...: 05/07/08
Prep Date.....: 05/21/08 Analysis Date...: 05/21/08
Prep Batch #....: 8143276
Dilution Factor: 1 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,2-Dichloroethane	ND	1.0	ug/L	0.18

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Toluene-d8	93	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
1,2-Dichloroethane-d4	91	(63 - 133)
4-Bromofluorobenzene	97	(66 - 115)

Fluor Hanford Inc

B1TX41

GC/MS Volatiles

Lot-Sample #: F8E070244-023

Work Order #: KMQQX2A2

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 #....: SL736
 MB Lot-Sample #: F8E010000-514

Work Order #....: KMEXA1AA

Matrix.....: WATER

Analysis Date...: 04/30/08
 Dilution Factor: 1

Prep Date.....: 04/30/08
 Prep Batch #....: 8122514

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

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	92	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
1,2-Dichloroethane-d4	101	(63 - 133)
4-Bromofluorobenzene	105	(66 - 115)

NOTE (S) :

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8E010000-514 B Work Order #: KMEXA1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: SL736
 MB Lot-Sample #: F8E190000-573

Work Order #...: KNJQR1AA

Matrix.....: WATER

Analysis Date...: 05/13/08
 Dilution Factor: 1

Prep Date.....: 05/13/08

Prep Batch #...: 8140573

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(70 - 119)
Dibromofluoromethane	103	(70 - 124)
1,2-Dichloroethane-d4	96	(63 - 133)
4-Bromofluorobenzene	88	(66 - 115)

NOTE (S) :

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

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8E190000-573 B Work Order #: KNJQR1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: SL736
MB Lot-Sample #: F8E220000-276

Work Order #....: KNNND1AA

Matrix.....: WATER

Analysis Date...: 05/21/08
Dilution Factor: 1

Prep Date.....: 05/21/08
Prep Batch #....: 8143276

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Toluene-d8	94	(70 - 119)		
Dibromofluoromethane	103	(70 - 124)		
1,2-Dichloroethane-d4	91	(63 - 133)		
4-Bromofluorobenzene	97	(66 - 115)		

NOTE(S) :

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KMEXA1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F8E010000-514 KMEXA1AD-LCSD
 Prep Date.....: 04/30/08 Analysis Date...: 04/30/08
 Prep Batch #....: 8122514
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.0	ug/L	100	1.1	SW846 8260B
Ethylbenzene	10.0	9.17	ug/L	92		SW846 8260B
	10.0	9.38	ug/L	94	2.2	SW846 8260B
1,4-Dioxane	200	238	ug/L	119		SW846 8260B
	200	215	ug/L	107	10	SW846 8260B
Vinyl chloride	10.0	9.80	ug/L	98		SW846 8260B
	10.0	9.68	ug/L	97	1.2	SW846 8260B
Acetone	10.0	10.1	ug/L	101		SW846 8260B
	10.0	8.75	ug/L	87	14	SW846 8260B
Methylene chloride	10.0	12.8	ug/L	128		SW846 8260B
	10.0	10.1 p	ug/L	101	24	SW846 8260B
Carbon disulfide	10.0	9.40	ug/L	94		SW846 8260B
	10.0	9.38	ug/L	94	0.20	SW846 8260B
1,1-Dichloroethane	10.0	9.60	ug/L	96		SW846 8260B
	10.0	9.74	ug/L	97	1.4	SW846 8260B
2-Butanone	10.0	8.27	ug/L	83		SW846 8260B
	10.0	9.17	ug/L	92	10	SW846 8260B
Chloroform	10.0	9.29	ug/L	93		SW846 8260B
	10.0	9.18	ug/L	92	1.1	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.83	ug/L	98		SW846 8260B
	10.0	9.42	ug/L	94	4.2	SW846 8260B
Propionitrile	50.0	50.3	ug/L	101		SW846 8260B
	50.0	47.4	ug/L	95	6.0	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.82	ug/L	98		SW846 8260B
	10.0	9.71	ug/L	97	1.1	SW846 8260B
1,1,1-Trichloroethane	10.0	8.50	ug/L	85		SW846 8260B
	10.0	8.61	ug/L	86	1.3	SW846 8260B
Carbon tetrachloride	10.0	8.24	ug/L	82		SW846 8260B
	10.0	8.35	ug/L	83	1.3	SW846 8260B
1,2-Dichloroethane	10.0	8.87	ug/L	89		SW846 8260B
	10.0	8.56	ug/L	86	3.6	SW846 8260B
Benzene	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.92	ug/L	99	0.87	SW846 8260B
Trichloroethene	10.0	9.23	ug/L	92		SW846 8260B
	10.0	9.72	ug/L	97	5.1	SW846 8260B
4-Methyl-2-pentanone	10.0	8.80	ug/L	88		SW846 8260B
	10.0	7.97	ug/L	80	9.9	SW846 8260B
1,1,2-Trichloroethane	10.0	9.81	ug/L	98		SW846 8260B
	10.0	9.53	ug/L	95	2.9	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL736 Work Order #...: KMEXA1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F8E010000-514 KMEXALAD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	8.77	ug/L	88		SW846 8260B
	10.0	13.7 a,p	ug/L	137	44	SW846 8260B
Tetrahydrofuran	50.0	51.9	ug/L	104		SW846 8260B
	50.0	51.8	ug/L	104	0.13	SW846 8260B
1,4-Dichlorobenzene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.48	ug/L	95	2.4	SW846 8260B
1-Butanol	100	75.0	ug/L	75		SW846 8260B
	100	71.0	ug/L	71	5.4	SW846 8260B
Toluene	10.0	9.41	ug/L	94		SW846 8260B
	10.0	9.48	ug/L	95	0.69	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(84 - 115)
	90	(84 - 115)
Dibromofluoromethane	90	(81 - 115)
	91	(81 - 115)
1,2-Dichloroethane-d4	86	(71 - 127)
	82	(71 - 127)
4-Bromofluorobenzene	94	(74 - 117)
	94	(74 - 117)

NOTE(S) :

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

Bold print denotes control parameters

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

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KNJQRIAC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F8E190000-573 KNJQRIAD-LCSD
 Prep Date.....: 05/13/08 Analysis Date...: 05/13/08
 Prep Batch #....: 8140573
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.57	ug/L	96		SW846 8260B
	10.0	10.1	ug/L	101	5.2	SW846 8260B
Ethylbenzene	10.0	8.96	ug/L	90		SW846 8260B
	10.0	9.39	ug/L	94	4.6	SW846 8260B
1,4-Dioxane	200	194	ug/L	97		SW846 8260B
	200	227	ug/L	114	16	SW846 8260B
Vinyl chloride	10.0	10.0	ug/L	100		SW846 8260B
	10.0	11.5	ug/L	115	14	SW846 8260B
Acetone	10.0	8.71	ug/L	87		SW846 8260B
	10.0	10.3	ug/L	103	17	SW846 8260B
Methylene chloride	10.0	12.0	ug/L	120		SW846 8260B
	10.0	13.0	ug/L	130	8.1	SW846 8260B
Carbon disulfide	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.4	ug/L	104	2.4	SW846 8260B
1,1-Dichloroethane	10.0	9.45	ug/L	95		SW846 8260B
	10.0	9.91	ug/L	99	4.7	SW846 8260B
2-Butanone	10.0	8.25	ug/L	83		SW846 8260B
	10.0	10.3 p	ug/L	103	22	SW846 8260B
Chloroform	10.0	8.89	ug/L	89		SW846 8260B
	10.0	8.87	ug/L	89	0.29	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.15	ug/L	92		SW846 8260B
	10.0	9.74	ug/L	97	6.2	SW846 8260B
Propionitrile	50.0	47.1	ug/L	94		SW846 8260B
	50.0	52.6	ug/L	105	11	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.58	ug/L	96		SW846 8260B
	10.0	10.4	ug/L	104	8.2	SW846 8260B
1,1,1-Trichloroethane	10.0	8.25	ug/L	83		SW846 8260B
	10.0	8.49	ug/L	85	2.8	SW846 8260B
Carbon tetrachloride	10.0	7.80	ug/L	78		SW846 8260B
	10.0	8.55	ug/L	86	9.2	SW846 8260B
1,2-Dichloroethane	10.0	7.78	ug/L	78		SW846 8260B
	10.0	8.36	ug/L	84	7.3	SW846 8260B
Benzene	10.0	9.85	ug/L	98		SW846 8260B
	10.0	10.2	ug/L	102	4.0	SW846 8260B
Trichloroethene	10.0	9.88	ug/L	99		SW846 8260B
	10.0	10.0	ug/L	100	1.6	SW846 8260B
4-Methyl-2-pentanone	10.0	7.73	ug/L	77		SW846 8260B
	10.0	8.14	ug/L	81	5.2	SW846 8260B
1,1,2-Trichloroethane	10.0	8.64	ug/L	86		SW846 8260B
	10.0	9.01	ug/L	90	4.2	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL736

Work Order #...: KNJQR1AC-LCS

Matrix.....: WATER

LCS Lot-Sample#: F8E190000-573

KNJQR1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	10.0	9.25	ug/L	93		SW846 8260B
	10.0	9.35	ug/L	94	1.1	SW846 8260B
Tetrahydrofuran	50.0	45.6	ug/L	91		SW846 8260B
	50.0	52.9	ug/L	106	15	SW846 8260B
1,4-Dichlorobenzene	10.0	8.83	ug/L	88		SW846 8260B
	10.0	9.38	ug/L	94	6.0	SW846 8260B
1-Butanol	100	81.5	ug/L	82		SW846 8260B
	100	93.8	ug/L	94	14	SW846 8260B
Toluene	10.0	8.98	ug/L	90		SW846 8260B
	10.0	9.42	ug/L	94	4.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(84 - 115)
	88	(84 - 115)
Dibromofluoromethane	91	(81 - 115)
	91	(81 - 115)
1,2-Dichloroethane-d4	73	(71 - 127)
	77	(71 - 127)
4-Bromofluorobenzene	79	(74 - 117)
	78	(74 - 117)

NOTE(S) :

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

Bold print denotes control parameters

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KNNND1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: F8E220000-276 KNNND1AD-LCSD
 Prep Date.....: 05/21/08 Analysis Date...: 05/21/08
 Prep Batch #....: 8143276
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethane	10.0	7.62	ug/L	76		SW846 8260B
	10.0	8.10	ug/L	81	6.1	SW846 8260B
SURROGATE			PERCENT RECOVERY	RECOVERY LIMITS		
Toluene-d8			90	(84 - 115)		
			93	(84 - 115)		
Dibromofluoromethane			91	(81 - 115)		
			97	(81 - 115)		
1,2-Dichloroethane-d4			72	(71 - 127)		
			80	(71 - 127)		
4-Bromofluorobenzene			86	(74 - 117)		
			88	(74 - 117)		

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KL7T81A1-MS Matrix.....: WATER
 MS Lot-Sample #: F8D290198-003 KL7T81A2-MSD
 Date Sampled...: 04/28/08 Date Received...: 04/29/08
 Prep Date.....: 04/30/08 Analysis Date...: 04/30/08
 Prep Batch #....: 8122514
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.8	ug/L	118	6.2	SW846 8260B
Ethylbenzene	ND	10.0	9.13	ug/L	91		SW846 8260B
	ND	10.0	9.33	ug/L	93	2.1	SW846 8260B
1,4-Dioxane	ND	200	229	ug/L	115		SW846 8260B
	ND	200	226	ug/L	113	1.5	SW846 8260B
Vinyl chloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.4	ug/L	114	4.3	SW846 8260B
Acetone	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.5	ug/L	105	0.76	SW846 8260B
Methylene chloride	ND	10.0	11.9	ug/L	119		SW846 8260B
	ND	10.0	11.8	ug/L	118	0.33	SW846 8260B
Carbon disulfide	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.9	ug/L	109	1.7	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.3	ug/L	113	3.1	SW846 8260B
2-Butanone	ND	10.0	9.36	ug/L	94		SW846 8260B
	ND	10.0	10.8	ug/L	108	15	SW846 8260B
Chloroform	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.7	ug/L	107	2.9	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.3	ug/L	113	0.80	SW846 8260B
Propionitrile	ND	50.0	52.1	ug/L	104		SW846 8260B
	ND	50.0	56.5	ug/L	113	8.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.6	ug/L	116	2.9	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.63	ug/L	96		SW846 8260B
	ND	10.0	9.94	ug/L	99	3.1	SW846 8260B
Carbon tetrachloride	ND	10.0	9.51	ug/L	95		SW846 8260B
	ND	10.0	9.85	ug/L	98	3.5	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.78	ug/L	98		SW846 8260B
	ND	10.0	9.94	ug/L	99	1.6	SW846 8260B
Benzene	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.6	ug/L	116	2.4	SW846 8260B
Trichloroethene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.73	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.88	ug/L	79		SW846 8260B
	ND	10.0	8.64	ug/L	86	9.2	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	9.50	ug/L	95		SW846 8260B
	ND	10.0	9.82	ug/L	98	3.3	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL736

Work Order #...: KL7T81A1-MS

Matrix.....: WATER

MS Lot-Sample #: F8D290198-003

KL7T81A2-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	ND	10.0	8.54	ug/L	85		SW846 8260B
	ND	10.0	8.86	ug/L	89	3.6	SW846 8260B
Tetrahydrofuran	ND	50.0	55.8	ug/L	112		SW846 8260B
	ND	50.0	62.0	ug/L	124	10	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	8.80	ug/L	88		SW846 8260B
	ND	10.0	9.34	ug/L	93	5.9	SW846 8260B
1-Butanol	ND	100	73.4	ug/L	73		SW846 8260B
	ND	100	68.2	ug/L	68	7.4	SW846 8260B
Toluene	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.58	ug/L	96	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(70 - 119)
	90	(70 - 119)
Dibromofluoromethane	103	(70 - 124)
	103	(70 - 124)
1,2-Dichloroethane-d4	96	(63 - 133)
	94	(63 - 133)
4-Bromofluorobenzene	99	(66 - 115)
	104	(66 - 115)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KMQOX1CA-MS Matrix.....: WATER
 MS Lot-Sample #: F8E070244-023 KMQOX1CC-MSD
 Date Sampled...: 05/06/08 Date Received...: 05/07/08
 Prep Date.....: 05/13/08 Analysis Date...: 05/13/08
 Prep Batch #....: 8140573
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVR	RPD	METHOD
1,1-Dichloroethene	ND	10.0	8.91	ug/L	89		SW846 8260B
	ND	10.0	9.53	ug/L	95	6.7	SW846 8260B
Ethylbenzene	ND	10.0	8.15	ug/L	82		SW846 8260B
	ND	10.0	8.90	ug/L	89	8.8	SW846 8260B
1,4-Dioxane	ND	200	174	ug/L	87		SW846 8260B
	ND	200	202	ug/L	101	15	SW846 8260B
Vinyl chloride	ND	10.0	9.41	ug/L	94		SW846 8260B
	ND	10.0	10.5	ug/L	105	11	SW846 8260B
Acetone	ND	10.0	9.03	ug/L	90		SW846 8260B
	ND	10.0	8.38	ug/L	84	7.5	SW846 8260B
Methylene chloride	ND	10.0	8.93	ug/L	89		SW846 8260B
	ND	10.0	9.68	ug/L	97	8.1	SW846 8260B
Carbon disulfide	ND	10.0	8.97	ug/L	90		SW846 8260B
	ND	10.0	9.77	ug/L	98	8.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	8.75	ug/L	87		SW846 8260B
	ND	10.0	9.41	ug/L	94	7.2	SW846 8260B
2-Butanone	ND	10.0	7.42	ug/L	74		SW846 8260B
	ND	10.0	8.87	ug/L	89	18	SW846 8260B
Chloroform	ND	10.0	8.15	ug/L	81		SW846 8260B
	ND	10.0	8.65	ug/L	86	6.0	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	8.63	ug/L	86		SW846 8260B
	ND	10.0	9.47	ug/L	95	9.3	SW846 8260B
Propionitrile	ND	50.0	45.6	ug/L	91		SW846 8260B
	ND	50.0	47.5	ug/L	95	4.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	8.74	ug/L	87		SW846 8260B
	ND	10.0	9.26	ug/L	93	5.8	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	7.62	ug/L	76		SW846 8260B
	ND	10.0	8.15	ug/L	82	6.7	SW846 8260B
Carbon tetrachloride	ND	10.0	7.71	ug/L	77		SW846 8260B
	ND	10.0	8.21	ug/L	82	6.3	SW846 8260B
1,2-Dichloroethane	ND	10.0	7.28	ug/L	73		SW846 8260B
	ND	10.0	7.84	ug/L	78	7.4	SW846 8260B
Benzene	ND	10.0	9.23	ug/L	92		SW846 8260B
	ND	10.0	9.86	ug/L	99	6.6	SW846 8260B
Trichloroethene	ND	10.0	9.28	ug/L	93		SW846 8260B
	ND	10.0	9.67	ug/L	97	4.2	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	6.63	ug/L	66		SW846 8260B
	ND	10.0	7.83	ug/L	78	17	SW846 8260B
1,1,2-Trichloroethane	ND	10.0	8.14	ug/L	81		SW846 8260B
	ND	10.0	8.77	ug/L	88	7.5	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL736

Work Order #...: KMQQX1CA-MS

Matrix.....: WATER

MS Lot-Sample #: F8E070244-023

KMQQX1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	ND	10.0	8.18	ug/L	82		SW846 8260B
	ND	10.0	9.04	ug/L	90	10	SW846 8260B
Tetrahydrofuran	ND	50.0	50.9	ug/L	102		SW846 8260B
	ND	50.0	53.3	ug/L	107	4.5	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	8.11	ug/L	81		SW846 8260B
	ND	10.0	8.85	ug/L	88	8.6	SW846 8260B
1-Butanol	ND	100	59.5	ug/L	60		SW846 8260B
	ND	100	59.3	ug/L	59	0.28	SW846 8260B
Toluene	ND	10.0	8.22	ug/L	82		SW846 8260B
	ND	10.0	8.99	ug/L	90	8.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(70 - 119)
	97	(70 - 119)
Dibromofluoromethane	103	(70 - 124)
	101	(70 - 124)
1,2-Dichloroethane-d4	88	(63 - 133)
	86	(63 - 133)
4-Bromofluorobenzene	90	(66 - 115)
	90	(66 - 115)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: SL736 Work Order #....: KNFM11AF-MS Matrix.....: WATER
 MS Lot-Sample #: F8E170197-001 KNFM11AG-MSD
 Date Sampled...: 05/16/08 Date Received...: 05/17/08
 Prep Date.....: 05/21/08 Analysis Date...: 05/21/08
 Prep Batch #....: 8143276
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD
1,2-Dichloroethane	ND	10.0	7.89	ug/L	79		SW846 8260B
	ND	10.0	8.00	ug/L	80	1.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(70 - 119)
	97	(70 - 119)
Dibromofluoromethane	104	(70 - 124)
	102	(70 - 124)
1,2-Dichloroethane-d4	88	(63 - 133)
	83	(63 - 133)
4-Bromofluorobenzene	91	(66 - 115)
	91	(66 - 115)

NOTE(S) :

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

Bold print denotes control parameters

GC/MS SEMIVOLATILES

Fluor Hanford Inc

Client Sample ID: B1V892

GC/MS Semivolatiles

Lot-Sample #....: F8E080210-001 Work Order #....: KMTDJ1AC Matrix.....: WATER
Date Sampled...: 05/07/08 Date Received...: 05/08/08
Prep Date.....: 05/09/08 Analysis Date...: 05/14/08
Prep Batch #....: 8130178
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	25	(14 - 71)
Phenol-d5	15	(10 - 61)
Nitrobenzene-d5	46	(29 - 95)
2-Fluorobiphenyl	44	(28 - 93)
2,4,6-Tribromophenol	50	(28 - 108)
Terphenyl-d14	51	(30 - 107)

Fluor Hanford Inc

B1V892

GC/MS Semivolatiles

Lot-Sample #: F8E080210-001

Work Order #: KMTDJ1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V897

GC/MS Semivolatiles

Lot-Sample #....: F8E080210-002 Work Order #....: KMTDP1AC Matrix.....: WATER
Date Sampled....: 05/07/08 Date Received...: 05/08/08
Prep Date.....: 05/09/08 Analysis Date...: 05/14/08
Prep Batch #....: 8130178
Dilution Factor: 1 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,4-Dioxane	ND	10	ug/L	2.0

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
2-Fluorophenol	26	(14 - 71)
Phenol-d5	15	(10 - 61)
Nitrobenzene-d5	45	(29 - 95)
2-Fluorobiphenyl	41	(28 - 93)
2,4,6-Tribromophenol	43	(28 - 108)
Terphenyl-d14	47	(30 - 107)

Fluor Hanford Inc

B1V897

GC/MS Semivolatiles

Lot-Sample #: F8E080210-002

Work Order #: KMTDP1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V8B2

GC/MS Semivolatiles

Lot-Sample #...: F8E080210-003 Work Order #...: KMTDQ1AC Matrix.....: WATER
Date Sampled...: 05/07/08 Date Received...: 05/08/08
Prep Date.....: 05/09/08 Analysis Date...: 05/14/08
Prep Batch #...: 8130178
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	24	(14 - 71)
Phenol-d5	15	(10 - 61)
Nitrobenzene-d5	43	(29 - 95)
2-Fluorobiphenyl	41	(28 - 93)
2,4,6-Tribromophenol	46	(28 - 108)
Terphenyl-d14	50	(30 - 107)

Fluor Hanford Inc

B1V8B2

GC/MS Semivolatiles

Lot-Sample #: F8E080210-003

Work Order #: KMTDQ1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V8B7

GC/MS Semivolatiles

Lot-Sample #....: F8E080210-004 Work Order #....: KMTDT1AC Matrix.....: WATER
Date Sampled...: 05/07/08 Date Received...: 05/08/08
Prep Date.....: 05/09/08 Analysis Date...: 05/14/08
Prep Batch #....: 8130178
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	25	(14 - 71)
Phenol-d5	15	(10 - 61)
Nitrobenzene-d5	43	(29 - 95)
2-Fluorobiphenyl	41	(28 - 93)
2,4,6-Tribromophenol	42	(28 - 108)
Terphenyl-d14	48	(30 - 107)

Fluor Hanford Inc

B1V8B7

GC/MS Semivolatiles

Lot-Sample #: F8E080210-004

Work Order #: KMTDT1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

Fluor Hanford Inc

Client Sample ID: B1V8C2

GC/MS Semivolatiles

Lot-Sample #....: F8E080210-005 Work Order #....: KMTDV1AC Matrix.....: WATER
Date Sampled....: 05/07/08 Date Received...: 05/08/08
Prep Date.....: 05/09/08 Analysis Date...: 05/14/08
Prep Batch #....: 8130178
Dilution Factor: 1 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	27	(14 - 71)
Phenol-d5	16	(10 - 61)
Nitrobenzene-d5	49	(29 - 95)
2-Fluorobiphenyl	46	(28 - 93)
2,4,6-Tribromophenol	49	(28 - 108)
Terphenyl-d14	51	(30 - 107)

Fluor Hanford Inc

B1V8C2

GC/MS Semivolatiles

Lot-Sample #: F8E080210-005

Work Order #: KMTDV1AC

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: SL736
MB Lot-Sample #: F8E090000-178

Work Order #...: KMW8E1AA

Matrix.....: WATER

Analysis Date...: 05/14/08
Dilution Factor: 1

Prep Date.....: 05/09/08
Prep Batch #...: 8130178

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
2-Fluorophenol	22	(14 - 71)		
Phenol-d5	14	(10 - 61)		
Nitrobenzene-d5	30	(29 - 95)		
2-Fluorobiphenyl	29	(28 - 93)		
2,4,6-Tribromophenol	28	(28 - 108)		
Terphenyl-d14	42	(30 - 107)		

NOTE(S) :

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

Fluor Hanford Inc

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: F8E090000-178 B Work Order #: KMW8E1AA

Matrix: WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

PESTICIDES

Fluor Hanford Inc

Client Sample ID: B1TXB4

GC Semivolatiles

Lot-Sample #...: F8E080175-001 Work Order #...: KMR161AC Matrix.....: WATER
 Date Sampled...: 05/07/08 Date Received...: 05/08/08
 Prep Date.....: 05/12/08 Analysis Date...: 05/21/08
 Prep Batch #...: 8133045
 Dilution Factor: 1 Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aldrin	ND	0.050	ug/L	0.0044
4,4'-DDD	ND	0.050	ug/L	0.0075
4,4'-DDE	ND	0.050	ug/L	0.013
4,4'-DDT	ND	0.050	ug/L	0.013
Endosulfan I	ND	0.050	ug/L	0.0078
Endosulfan II	ND	0.050	ug/L	0.0053
gamma-BHC (Lindane)	ND	0.050	ug/L	0.0032
alpha-BHC	ND	0.050	ug/L	0.0031
beta-BHC	ND	0.050	ug/L	0.015
Endrin	ND	0.050	ug/L	0.0068
delta-BHC	ND	0.050	ug/L	0.0046
Heptachlor	ND	0.050	ug/L	0.034
Heptachlor epoxide	ND N	0.050	ug/L	0.0062
Methoxychlor	ND	0.10	ug/L	0.010
Chlordane (technical)	ND	0.50	ug/L	0.099
Dieldrin	ND	0.050	ug/L	0.0057
Endosulfan sulfate	ND	0.050	ug/L	0.0063
Endrin aldehyde	ND	0.050	ug/L	0.0090
Toxaphene	ND	2.0	ug/L	0.59
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	113		(70 - 126)	
Decachlorobiphenyl	109		(42 - 139)	

NOTE(S) :

N Spike sample recovery is outside control limits

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL736
 MB Lot-Sample #: F8E120000-045

Work Order #...: KM1XT1AA

Matrix.....: WATER

Analysis Date...: 05/20/08
 Dilution Factor: 1

Prep Date.....: 05/12/08

Prep Batch #...: 8133045

PARAMETER	RESULT	REPORTING			METHOD
		LIMIT	UNITS		
Aldrin	ND	0.050	ug/L		SW846 8081A
4,4'-DDD	ND	0.050	ug/L		SW846 8081A
4,4'-DDE	ND	0.050	ug/L		SW846 8081A
4,4'-DDT	ND	0.050	ug/L		SW846 8081A
Endosulfan I	ND	0.050	ug/L		SW846 8081A
Endosulfan II	ND	0.050	ug/L		SW846 8081A
gamma-BHC (Lindane)	ND	0.050	ug/L		SW846 8081A
alpha-BHC	ND	0.050	ug/L		SW846 8081A
beta-BHC	ND	0.050	ug/L		SW846 8081A
Endrin	ND	0.050	ug/L		SW846 8081A
delta-BHC	ND	0.050	ug/L		SW846 8081A
Heptachlor	ND	0.050	ug/L		SW846 8081A
Heptachlor epoxide	ND	0.050	ug/L		SW846 8081A
Methoxychlor	ND	0.10	ug/L		SW846 8081A
Chlordane (technical)	ND	0.50	ug/L		SW846 8081A
Dieldrin	ND	0.050	ug/L		SW846 8081A
Endosulfan sulfate	ND	0.050	ug/L		SW846 8081A
Endrin aldehyde	ND	0.050	ug/L		SW846 8081A
Toxaphene	ND	2.0	ug/L		SW846 8081A
		PERCENT	RECOVERY		
<u>SURROGATE</u>		<u>RECOVERY</u>	<u>LIMITS</u>		
Tetrachloro-m-xylene	122		(70 - 126)		
Decachlorobiphenyl	120		(42 - 139)		

NOTE(S) :

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: SL736 Work Order #....: KM1XT1AC Matrix.....: WATER
 LCS Lot-Sample#: F8E120000-045
 Prep Date.....: 05/12/08 Analysis Date...: 05/20/08
 Prep Batch #....: 8133045
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aldrin	0.500	0.523	ug/L	105	SW846 8081A
4,4'-DDT	0.500	0.560	ug/L	112	SW846 8081A
4,4'-DDD	0.500	0.578	ug/L	116	SW846 8081A
4,4'-DDE	0.500	0.546	ug/L	109	SW846 8081A
Endosulfan I	0.500	0.509	ug/L	102	SW846 8081A
Endosulfan II	0.500	0.534	ug/L	107	SW846 8081A
gamma-BHC (Lindane)	0.500	0.563	ug/L	113	SW846 8081A
alpha-BHC	0.500	0.556	ug/L	111	SW846 8081A
Endrin	0.500	0.566	ug/L	113	SW846 8081A
beta-BHC	0.500	0.533	ug/L	107	SW846 8081A
Heptachlor	0.500	0.596	ug/L	119	SW846 8081A
delta-BHC	0.500	0.566	ug/L	113	SW846 8081A
Heptachlor epoxide	0.500	0.545	ug/L	109	SW846 8081A
Methoxychlor	0.500	0.520	ug/L	104	SW846 8081A
Dieldrin	0.500	0.549	ug/L	110	SW846 8081A
Endosulfan sulfate	0.500	0.531	ug/L	106	SW846 8081A
Endrin aldehyde	0.500	0.523	ug/L	105	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	118	(67 - 125)
Decachlorobiphenyl	111	(57 - 129)

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 #...: SL736 Work Order #...: KMR161AF-MS Matrix.....: WATER
 MS Lot-Sample #: F8E080175-001 KMR161AG-MSD
 Date Sampled...: 05/07/08 Date Received...: 05/08/08
 Prep Date.....: 05/12/08 Analysis Date...: 05/21/08
 Prep Batch #...: 8133045
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aldrin	ND	0.952	1.04	ug/L	110		SW846 8081A
	ND	0.968	1.12	ug/L	115	6.9	SW846 8081A
4,4'-DDT	ND	0.952	1.01	ug/L	107		SW846 8081A
	ND	0.968	1.18	ug/L	122	15	SW846 8081A
4,4'-DDD	ND	0.952	1.10	ug/L	116		SW846 8081A
	ND	0.968	1.22	ug/L	126	10	SW846 8081A
4,4'-DDE	ND	0.952	1.03	ug/L	108		SW846 8081A
	ND	0.968	1.15	ug/L	119	11	SW846 8081A
Endosulfan I	ND	0.952	0.990	ug/L	104		SW846 8081A
	ND	0.968	1.08	ug/L	112	9.0	SW846 8081A
Endosulfan II	ND	0.952	1.02	ug/L	108		SW846 8081A
	ND	0.968	1.13	ug/L	117	10	SW846 8081A
gamma-BHC (Lindane)	ND	0.952	1.08	ug/L	114		SW846 8081A
	ND	0.968	1.18	ug/L	122	8.4	SW846 8081A
alpha-BHC	ND	0.952	1.08	ug/L	113		SW846 8081A
	ND	0.968	1.16	ug/L	120	7.1	SW846 8081A
Endrin	ND	0.952	1.08	ug/L	113		SW846 8081A
	ND	0.968	1.23	ug/L	127	13	SW846 8081A
beta-BHC	ND	0.952	1.03	ug/L	108		SW846 8081A
	ND	0.968	1.12	ug/L	115	8.6	SW846 8081A
Heptachlor	ND	0.952	1.15	ug/L	121		SW846 8081A
	ND	0.968	1.25	ug/L	129	8.2	SW846 8081A
delta-BHC	ND	0.952	1.09	ug/L	114		SW846 8081A
	ND	0.968	1.20	ug/L	124	9.7	SW846 8081A
Heptachlor epoxide	ND	0.952	1.12	ug/L	117		SW846 8081A
	ND	0.968	1.30	ug/L	135	15	SW846 8081A
Qualifiers: a,N							
Methoxychlor	ND	0.952	0.976	ug/L	103		SW846 8081A
	ND	0.968	1.10	ug/L	114	12	SW846 8081A
Dieldrin	ND	0.952	1.06	ug/L	111		SW846 8081A
	ND	0.968	1.16	ug/L	120	9.7	SW846 8081A
Endosulfan sulfate	ND	0.952	1.02	ug/L	107		SW846 8081A
	ND	0.968	1.14	ug/L	117	11	SW846 8081A
Endrin aldehyde	ND	0.952	1.02	ug/L	108		SW846 8081A
	ND	0.968	1.14	ug/L	118	10	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(70 - 126)
	124	(70 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL736

Work Order #...: KMR161AF-MS

Matrix.....: WATER

MS Lot-Sample #: F8E080175-001

KMR161AG-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	110	(42 - 139)
	116	(42 - 139)

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

N Spike sample recovery is outside control limits.

METALS

Fluor Hanford Inc

Client Sample ID: B1TK87

DISSOLVED Metals

Lot-Sample #...: F8D290198-002

Date Sampled...: 04/28/08

Date Received...: 04/29/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8122092						
Antimony	ND	60.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	80.0 B	200	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	21700 C	5000	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	835	100	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	7750	5000	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	281 C	15.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3720 B	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7T71AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TK87

DISSOLVED Metals

Lot-Sample #...: F8D290198-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	44900	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7T71AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	138	50.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/01-05/03/08	KL7T71AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1TK88

TOTAL Metals

Lot-Sample #....: F8D290198-003

Matrix.....: WATER

Date Sampled....: 04/28/08

Date Received...: 04/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8121206						
Antimony	ND	60.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	81.4 B	200	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	23400	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	940	100	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8250	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	286	15.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5400	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TK88

TOTAL Metals

Lot-Sample #....: F8D290198-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	44000	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	143	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	04/30-05/01/08	KL7T81AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TWX4

DISSOLVED Metals

Lot-Sample #....: F8D290199-001

Date Sampled....: 04/28/08

Date Received...: 04/29/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8122095						
Antimony	ND	60.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	14.8 B	200	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	27000 C	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	7680	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	12.8 B	15.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5130	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWX4

DISSOLVED Metals

Lot-Sample #...: F8D290199-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13400	5000	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	146	50.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	22.4 B	50.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/01-05/02/08	KL7VD1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8122096						
Arsenic	3.6 B	10.0	ug/L	SW846 6020	05/01-05/06/08	KL7VD1AW
		Dilution Factor: 1		MDL.....: 1.9		

NOTE(S):

B Estimated result. Result is less than RL.

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

Fluor Hanford Inc

Client Sample ID: B1TWX5

TOTAL Metals

Lot-Sample #...: F8D290199-002

Date Sampled...: 04/28/08

Date Received...: 04/29/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8121208						
Antimony	ND	60.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	15.3 B	200	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	27800	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	61.2 B	100	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	7850	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	11.9 B	15.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6540	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWX5

TOTAL Metals

Lot-Sample #...: F8D290199-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	12700	5000	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	154	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	23.0 B	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.6 B	20.0	ug/L	SW846 6010B	04/30-05/01/08	KL7VJ1AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8121214						
Arsenic	2.2 B	10.0	ug/L	SW846 6020	04/30-05/07/08	KL7VJ1AX
		Dilution Factor: 1		MDL.....: 1.9		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1V108

DISSOLVED Metals

Lot-Sample #...: F8E010282-005

Date Sampled...: 04/30/08

Date Received...: 05/01/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	8.9 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	46.3 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMER01AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	38800 D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMER01AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMER01AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	11000	5000	ug/L	SW846 6010B	05/09-05/13/08	KMER01AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.5 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5770	5000	ug/L	SW846 6010B	05/09-05/13/08	KMER01AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V108

DISSOLVED Metals

Lot-Sample #...: F8E010282-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	15400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMER01AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	199 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMER01AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	19.6 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMER01AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1V109

DISSOLVED Metals

Lot-Sample #....: F8E010282-006

Matrix.....: WATER

Date Sampled....: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130194						
Antimony	5.6 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	38.1 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	31500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	11.2	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	50.8 B	100	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8930	5000	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4340 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V109

DISSOLVED Metals

Lot-Sample #...: F8E010282-006

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	166	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	16.5 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMETT1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1V0R6

DISSOLVED Metals

Lot-Sample #...: F8E010282-011

Date Sampled...: 04/30/08

Date Received...: 05/01/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	4.4 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	36.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	38000	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	54.2	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	4.7 B	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	214	100	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.7 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	24.9 B	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5540	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVC1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V0R6

DISSOLVED Metals

Lot-Sample #...: F8E010282-011

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEVCIAR
		Dilution Factor: 1		MDL.....: 134		
Strontium	192	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVCIAT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	17.2 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVCIAD
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMEVCIAD
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1V0R7

DISSOLVED Metals

Lot-Sample #...: F8E010282-012

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	43.2 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	45600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	3.4 B	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	12600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.1 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	9300	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V0R7

DISSOLVED Metals

Lot-Sample #...: F8E010282-012

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	15500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	229	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	20.1 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMEV51AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1THW6

DISSOLVED Metals

Lot-Sample #....: F8E020250-001

Date Sampled....: 05/01/08

Date Received...: 05/02/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130194						
Antimony	5.0 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	45.5 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	51000 D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	41.7	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.8 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2910 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQR1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THW6

DISSOLVED Metals

Lot-Sample #....: F8E020250-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	11500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQRIAR
		Dilution Factor: 1		MDL.....: 134		
Strontium	239 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMGQRIAT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	10.9 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQRIAU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQRIAV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1THW7

TOTAL Metals

Lot-Sample #...: F8E020250-002

Date Sampled...: 05/01/08

Date Received...: 05/02/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	43.2 B	200	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	45500 C	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	40.8	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	20.3 B	100	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	9480	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.1 B	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7070 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQV1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THW7

TOTAL Metals

Lot-Sample #...: F8E020250-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	10700	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQV1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	219	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	10.7 B	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQV1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1THV4

DISSOLVED Metals

Lot-Sample #...: F8E020250-003

Matrix.....: WATER

Date Sampled...: 05/01/08

Date Received...: 05/02/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	6.1 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	61.4 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	46800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	48.4	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	4.8 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	5.8 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2930 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THV4

DISSOLVED Metals

Lot-Sample #...: F8E020250-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	16800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	238	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMGQ31AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1THV5

TOTAL Metals

Lot-Sample #....: F8E020250-004

Matrix.....: WATER

Date Sampled....: 05/01/08

Date Received...: 05/02/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	62.4 B	200	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	47100 C	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	50.7	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	58.4 B	100	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10300	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	2.1 B	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7720 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THV5

TOTAL Metals

Lot-Sample #...: F8E020250-004

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	16600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGQ81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	236	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.7 B	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMGQ81AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1THT8

DISSOLVED Metals

Lot-Sample #...: F8E020250-005

Date Sampled...: 05/01/08

Date Received...: 05/02/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	96.2 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	30200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	3.1 B	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	345	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2650 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THT8

DISSOLVED Metals

Lot-Sample #...: F8E020250-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	5160	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	236	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	13.5 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	15.6 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRD1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1THT9

TOTAL Metals

Lot-Sample #...: F8E020250-006

Date Sampled...: 05/01/08

Date Received...: 05/02/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	97.2 B	200	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	31000 C	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	3.8 B	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	16.1 B	100	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10500	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	351	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2540 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRG1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRG1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THT9

TOTAL Metals

Lot-Sample #...: F8E020250-006

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	4950 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRGIAT
		Dilution Factor: 1		MDL.....: 134		
Strontium	237	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRGLAU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	12.6 B	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRGLAV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	37.5	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRGLAW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1THT5

DISSOLVED Metals

Lot-Sample #...: F8E020250-007

Date Sampled...: 05/01/08

Date Received...: 05/02/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	55.1 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	38800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	33.4	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	5.8 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8850	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	8.5 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5680	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THT5

DISSOLVED Metals

Lot-Sample #...: F8E020250-007

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	14700	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	194	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	8.8 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMGRK1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1THT6

TOTAL Metals

Lot-Sample #...: F8E020250-008

Matrix.....: WATER

Date Sampled...: 05/01/08

Date Received...: 05/02/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	63.5 B	200	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	45100 C	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	40.8	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10300	5000	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.1 B	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6030 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRL1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1THT6

TOTAL Metals

Lot-Sample #....: F8E020250-008

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	16900	5000	ug/L	SW846 6010B	05/09-05/13/08	KMGRL1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	222	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	10.3 B	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMGRL1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWF8

DISSOLVED Metals

Lot-Sample #...: F8E070244-001

Date Sampled...: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	26.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	40400 D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	6.2 B	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8810	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.4 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWF8

DISSOLVED Metals

Lot-Sample #....: F8E070244-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	14200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	206 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	7.9 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKK1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TWF9

TOTAL Metals

Lot-Sample #...: F8E070244-002

Date Sampled...: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	26.1 B	200	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	43700 C,D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPKR1AG
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	7.7 B	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	328	100	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8490	5000	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.4 B	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6780 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKR1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWF9

TOTAL Metals

Lot-Sample #...: F8E070244-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKR1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	228 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPKR1AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	8.5 B	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMPKR1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
D Result was obtained from the analysis of a dilution.
N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TX03

DISSOLVED Metals

Lot-Sample #....: F8E070244-003

Matrix.....: WATER

Date Sampled....: 05/05/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	35.7 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	59700 D	10000	ug/L	SW846 6010B	05/09-05/14/08	KMPKW1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	15200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.0 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7370	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TX03

DISSOLVED Metals

Lot-Sample #...: F8E070244-003

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	14400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	328 D	100	ug/L	SW846 6010B	05/09-05/14/08	KMPKW1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	17.8 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPKW1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8130197						
Arsenic	3.4 B	10.0	ug/L	SW846 6020	05/09-05/21/08	KMPKW1AW
		Dilution Factor: 1		MDL.....: 1.9		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TX04

TOTAL Metals

Lot-Sample #...: F8E070244-004

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	38.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	49500 C,D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AG
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	47.6 B	100	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	16400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	4.3 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8750 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TX04

TOTAL Metals

Lot-Sample #...: F8E070244-004

Matrix.....: WATER

		REPORTING			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Sodium	15800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	280 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	18.7 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	7.9 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK31AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8130197						
Arsenic	2.5 B	10.0	ug/L	SW846 6020	05/09-05/21/08	KMPK31AX
		Dilution Factor: 1		MDL.....: 1.9		

NOTE(S):

- B Estimated result. Result is less than RL.
 C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
 D Result was obtained from the analysis of a dilution.
 N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWH1

DISSOLVED Metals

Lot-Sample #...: F8E070244-005

Date Sampled...: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	22.5 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	44000	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	10.3	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	6220	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.0 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4560 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWH1

DISSOLVED Metals

Lot-Sample #...: F8E070244-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	7280	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	229	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.2 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK41AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TWH2

TOTAL Metals

Lot-Sample #...: F8E070244-006

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	23.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	46200 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	38.0	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	132	100	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	6540	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	2.5 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4890 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWH2

TOTAL Metals

Lot-Sample #....: F8E070244-006

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	7400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	238	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPK61AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TW5

DISSOLVED Metals

Lot-Sample #...: F8E070244-008

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	4.7 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	27.2 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TW5

DISSOLVED Metals

Lot-Sample #....: F8E070244-008

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLC1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TWF6

TOTAL Metals

Lot-Sample #...: F8E070244-009

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	ND	200	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	43.9 B,C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	ND N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWF6

TOTAL Metals

Lot-Sample #....: F8E070244-009

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLG1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

Fluor Hanford Inc

Client Sample ID: B1TWK2

DISSOLVED Metals

Lot-Sample #...: F8E070244-010

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	42.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	88900 D	10000	ug/L	SW846 6010B	05/09-05/14/08	KMPLT1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	68.8 B	100	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	25400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.2 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	9500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWK2

DISSOLVED Metals

Lot-Sample #...: F8E070244-010

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	36900	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	468 D	100	ug/L	SW846 6010B	05/09-05/14/08	KMPLT1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	13.0 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLT1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TWK3

TOTAL Metals

Lot-Sample #...: F8E070244-011

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	41.9 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	80500 C,D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AG
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	33.1	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	1660	100	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	25100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	52.4	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	14.8 B	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	16600 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWK3

TOTAL Metals

Lot-Sample #...: F8E070244-011

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	35700	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	433 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	15.0 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPLV1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- D Result was obtained from the analysis of a dilution.
- N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWD7

DISSOLVED Metals

Lot-Sample #...: F8E070244-012

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	19.6 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	35600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	8950	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	2400 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWD7

DISSOLVED Metals

Lot-Sample #...: F8E070244-012

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	7510	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	181	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	7.8 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.7 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL21AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TWD8

TOTAL Metals

Lot-Sample #...: F8E070244-013

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	20.4 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	37900 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	239	100	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	9550	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	6.4 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6750 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWD8

TOTAL Metals

Lot-Sample #...: F8E070244-013

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	7780	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	188	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	8.4 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.9 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL31AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
- C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWF1

DISSOLVED Metals

Lot-Sample #...: F8E070244-014

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	24.4 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	45600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	4.1 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	9590	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.2 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3890 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWF1

DISSOLVED Metals

Lot-Sample #...: F8E070244-014

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	249	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	7.0 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.9 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL41AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TW2

TOTAL Metals

Lot-Sample #....: F8E070244-015

Matrix.....: WATER

Date Sampled....: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	26.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	47900 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	4.8 B	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7370 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWF2

TOTAL Metals

Lot-Sample #...: F8E070244-015

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	13700	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	257	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	8.5 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL61AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWJ8

DISSOLVED Metals

Lot-Sample #...: F8E070244-016

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	39.3 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	34200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	39.0 B	100	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	15200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	20.8	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8500	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWJ8

DISSOLVED Metals

Lot-Sample #....: F8E070244-016

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	27100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	318	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPL71AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TWJ9

TOTAL Metals

Lot-Sample #...: F8E070244-017

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	41.2 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	34700 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	18.5	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	1690	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	15600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	36.6	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	10200 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWJ9

TOTAL Metals

Lot-Sample #...: F8E070244-017

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	28700	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	318	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	5.0 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMA1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
 C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
 N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWL4

DISSOLVED Metals

Lot-Sample #...: F8E070244-018

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	14.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	65300 D	10000	ug/L	SW846 6010B	05/09-05/14/08	KMPMC1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	4290 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWL4

DISSOLVED Metals

Lot-Sample #....: F8E070244-018

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	9320	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	313 D	100	ug/L	SW846 6010B	05/09-05/14/08	KMPMC1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	4.2 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMC1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TWL5

TOTAL Metals

Lot-Sample #...: F8E070244-019

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	14.9 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	58800 C,D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	117	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14000	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.1 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7130 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWL5

TOTAL Metals

Lot-Sample #....: F8E070244-019

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	8890	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	287 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMD1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
 C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
 D Result was obtained from the analysis of a dilution.
 N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TWL0

DISSOLVED Metals

Lot-Sample #...: F8E070244-020

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130194						
Antimony	4.2 B	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	15.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	67100 D	10000	ug/L	SW846 6010B	05/09-05/14/08	KMPME1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14900	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	3210 B	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWL0

DISSOLVED Metals

Lot-Sample #...: F8E070244-020

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	9300	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	321 D	100	ug/L	SW846 6010B	05/09-05/14/08	KMPME1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPME1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1TWL1

TOTAL Metals

Lot-Sample #...: F8E070244-021

Date Sampled...: 05/06/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	15.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	57300 C,D	10000	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	151	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14600	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.7 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6730 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TWL1

TOTAL Metals

Lot-Sample #...: F8E070244-021

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	9230	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	280 D	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	5.4 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMG1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
 C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
 D Result was obtained from the analysis of a dilution.
 N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TX37

DISSOLVED Metals

Lot-Sample #....: F8E070244-022

Matrix.....: WATER

Date Sampled....: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	38.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	38100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	47.1	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	13800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	6.9 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	5990	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQW1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TX37

DISSOLVED Metals

Lot-Sample #...: F8E070244-022

Matrix.....: WATER

REPORTING					PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Sodium	22400	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQWLAR
		Dilution Factor: 1		MDL.....: 134		
Strontium	200	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQWLAT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	18.4 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQWLAV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQWLAV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8130197						
Lead	ND	3.0	ug/L	SW846 6020	05/09-05/21/08	KMQQWLAX
		Dilution Factor: 1		MDL.....: 0.49		
Arsenic	ND	10.0	ug/L	SW846 6020	05/09-05/21/08	KMQQWLAW
		Dilution Factor: 1		MDL.....: 1.9		
Prep Batch #...: 8142068						
Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KMQQWLA0
		Dilution Factor: 1		MDL.....: 0.061		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TX41

TOTAL Metals

Lot-Sample #...: F8E070244-023

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	33.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	33400 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	51.6	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	256	100	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	12200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	7.3 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7370 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TX41

TOTAL Metals

Lot-Sample #...: F8E070244-023

Matrix.....: WATER

REPORTING					PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Sodium	21200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	176	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	17.9 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	6.4 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMQQX1AW
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #...: 8130197						
Lead	ND	3.0	ug/L	SW846 6020	05/09-05/21/08	KMQQX1A0
		Dilution Factor: 1		MDL.....: 0.49		
Arsenic	ND	10.0	ug/L	SW846 6020	05/09-05/21/08	KMQQX1AX
		Dilution Factor: 1		MDL.....: 1.9		
Prep Batch #...: 8142069						
Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KMQQX1A1
		Dilution Factor: 1		MDL.....: 0.061		

NOTE(S) :

B Estimated result. Result is less than RL.

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

N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1TW24

DISSOLVED Metals

Lot-Sample #....: F8E070251-001

Date Sampled....: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8130194						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	44.3 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	46800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AF
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	16.9	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	12200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	15.8 B	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8350	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TW24

DISSOLVED Metals

Lot-Sample #....: F8E070251-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	23100	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	249	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AT
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	10.5 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPMX1AV
		Dilution Factor: 1		MDL.....: 5.2		
Prep Batch #....: 8142068						
Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KMPMX1AW
		Dilution Factor: 1		MDL.....: 0.061		

NOTE(S):

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1TW25

TOTAL Metals

Lot-Sample #...: F8E070251-002

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	41.0 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	41700 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	48.7	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	170	100	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	10800	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	18.3 B	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8460 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1TW25

TOTAL Metals

Lot-Sample #....: F8E070251-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	21900	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	222	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	11.3 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPM81AW
		Dilution Factor: 1		MDL.....: 5.2		

Prep Batch #....: 8142069

Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KMPM81AX
		Dilution Factor: 1		MDL.....: 0.061		

NOTE(S):

- B Estimated result. Result is less than RL.
 C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
 N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1V119

DISSOLVED Metals

Lot-Sample #...: F8E070256-001

Date Sampled...: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8134342						
Antimony	ND	60.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	31.3 B	200	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	36000 D	10000	ug/L	SW846 6010B	05/13-05/15/08	KMPNH1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	124	100	ug/L	SW846 6010B	05/13-05/15/08	KMPNH1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	9500	5000	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	3.4 B	15.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6810	5000	ug/L	SW846 6010B	05/13-05/15/08	KMPNH1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V119

DISSOLVED Metals

Lot-Sample #...: F8E070256-001

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	24600	5000	ug/L	SW846 6010B	05/13-05/15/08	KMPNH1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	218 D	100	ug/L	SW846 6010B	05/13-05/15/08	KMPNH1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	13.6 B	50.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/13-05/14/08	KMPNH1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1V120

TOTAL Metals

Lot-Sample #...: F8E070256-002

Date Sampled...: 05/05/08

Date Received...: 05/07/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8130188						
Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	37.8 B	200	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	34300 C	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AG
		Dilution Factor: 1		MDL.....: 18.6		
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	39.8 B	100	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	11200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	4.0 B	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	6380 N	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V120

TOTAL Metals

Lot-Sample #...: F8E070256-002

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	21200	5000	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	200	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AU
		Dilution Factor: 1		MDL.....: 0.54		
Vanadium	15.2 B	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	8.5 B	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMPNK1AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S) :

- B Estimated result. Result is less than RL.
C Method blank contamination. The associated method blank contains the target analyte at a reportable level.
N Spike sample recovery is outside control limits.

Fluor Hanford Inc

Client Sample ID: B1V0W9

DISSOLVED Metals

Lot-Sample #...: F8E100177-005

Matrix.....: WATER

Date Sampled...: 05/09/08

Date Received...: 05/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8134342						
Antimony	ND	60.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AA
		Dilution Factor: 1		MDL.....: 4.0		
Barium	27.6 B	200	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AC
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AD
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AE
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	53000 D	10000	ug/L	SW846 6010B	05/13-05/15/08	KM1DX1AF
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AH
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AJ
		Dilution Factor: 1		MDL.....: 4.6		
Iron	24.3 B	100	ug/L	SW846 6010B	05/13-05/15/08	KM1DX1AK
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14700	5000	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AL
		Dilution Factor: 1		MDL.....: 110		
Manganese	2.6 B	15.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AM
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AN
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	8410	5000	ug/L	SW846 6010B	05/13-05/15/08	KM1DX1AP
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AQ
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V0W9

DISSOLVED Metals

Lot-Sample #...: F8E100177-005

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	23300	5000	ug/L	SW846 6010B	05/13-05/15/08	KM1DX1AR
		Dilution Factor: 1		MDL.....: 134		
Strontium	277 D	100	ug/L	SW846 6010B	05/13-05/15/08	KM1DX1AT
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	19.6 B	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AU
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	5.7 B	20.0	ug/L	SW846 6010B	05/13-05/14/08	KM1DX1AV
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

Fluor Hanford Inc

Client Sample ID: B1V0X0

TOTAL Metals

Lot-Sample #...: F8E100177-006

Date Sampled...: 05/09/08

Date Received...: 05/10/08

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8134342						
Antimony	ND	60.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AC
		Dilution Factor: 1		MDL.....: 4.0		
Barium	27.7 B	200	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AD
		Dilution Factor: 1		MDL.....: 0.85		
Beryllium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AE
		Dilution Factor: 1		MDL.....: 0.50		
Cadmium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AF
		Dilution Factor: 1		MDL.....: 0.45		
Calcium	51200 D	10000	ug/L	SW846 6010B	05/13-05/15/08	KM1D01AG
		Dilution Factor: 2		MDL.....: 37.2		
Chromium	10.5	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AH
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AJ
		Dilution Factor: 1		MDL.....: 4.0		
Copper	ND	25.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AK
		Dilution Factor: 1		MDL.....: 4.6		
Iron	59.2 B	100	ug/L	SW846 6010B	05/13-05/15/08	KM1D01AL
		Dilution Factor: 1		MDL.....: 16.0		
Magnesium	14600	5000	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AM
		Dilution Factor: 1		MDL.....: 110		
Manganese	1.1 B	15.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AN
		Dilution Factor: 1		MDL.....: 0.96		
Nickel	ND	40.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AP
		Dilution Factor: 1		MDL.....: 13.3		
Potassium	7310	5000	ug/L	SW846 6010B	05/13-05/15/08	KM1D01AQ
		Dilution Factor: 1		MDL.....: 1650		
Silver	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AR
		Dilution Factor: 1		MDL.....: 6.0		

(Continued on next page)

Fluor Hanford Inc

Client Sample ID: B1V0X0

TOTAL Metals

Lot-Sample #...: F8E100177-006

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	23100	5000	ug/L	SW846 6010B	05/13-05/15/08	KM1D01AT
		Dilution Factor: 1		MDL.....: 134		
Strontium	266 D	100	ug/L	SW846 6010B	05/13-05/15/08	KM1D01AU
		Dilution Factor: 2		MDL.....: 1.1		
Vanadium	19.7 B	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AV
		Dilution Factor: 1		MDL.....: 4.1		
Zinc	ND	20.0	ug/L	SW846 6010B	05/13-05/14/08	KM1D01AW
		Dilution Factor: 1		MDL.....: 5.2		

NOTE(S):

B Estimated result. Result is less than RL.

D Result was obtained from the analysis of a dilution.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8D300000-206 Prep Batch #....: 8121206						
Antimony	ND	60.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AR
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	04/30-05/01/08	KL9H81AV
		Dilution Factor: 1				
MB Lot-Sample #: F8D300000-208 Prep Batch #....: 8121208						
Antimony	ND	60.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AN
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	04/30-05/01/08	KL9JC1AV
		Dilution Factor: 1				

MB Lot-Sample #: F8D300000-214 Prep Batch #....: 8121214

Arsenic	ND	10.0	ug/L	SW846 6020	04/30-05/06/08	KL9L81AC
		Dilution Factor: 1				

MB Lot-Sample #: F8E090000-188 Prep Batch #....: 8130188

Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AE
		Dilution Factor: 1				
Calcium	42.8 B	5000	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AH
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ11AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ11AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/12/08	KMWJ11AV
		Dilution Factor: 1				

MB Lot-Sample #: F8E130000-342 Prep Batch #...: 8134342

Antimony	ND	60.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AW
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AX
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A0
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A1
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Calcium	ND	5000	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A2
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A3
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A4
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A5
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1A6
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A7
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A8
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1A9
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1CA
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1CC
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1CD
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1CE
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1CF
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1CG
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
MB Lot-Sample #: F8E210000-069 Prep Batch #... : 8142069						
Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KNJ9G1AA
Dilution Factor: 1						

NOTE(S) :

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8E010000-092 Prep Batch #...: 8122092						
Antimony	15.7 B	60.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AE
		Dilution Factor: 1				
Calcium	48.4 B	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AL
		Dilution Factor: 1				
Manganese	1.6 B	15.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AR
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7M1AV
		Dilution Factor: 1				
MB Lot-Sample #: F8E010000-095 Prep Batch #....: 8122095						
Antimony	ND	60.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AE
		Dilution Factor: 1				
Calcium	30.8 B	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AN
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/01-05/02/08	KMC7T1AV
		Dilution Factor: 1				

MB Lot-Sample #: F8E010000-096 Prep Batch #...: 8122096

Arsenic	ND	10.0	ug/L	SW846 6020	05/01-05/06/08	KMC7W1AA
		Dilution Factor: 1				

MB Lot-Sample #: F8E090000-194 Prep Batch #...: 8130194

Antimony	ND	60.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AH
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/09-05/13/08	KMWJ41AV
		Dilution Factor: 1				
MB Lot-Sample #: F8E130000-342 Prep Batch #...: 8134342						
Antimony	ND	60.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AE
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Calcium	ND	5000	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	05/13-05/15/08	KM4QR1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	05/13-05/14/08	KM4QR1AV
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8E210000-068 Prep Batch #...: 8142068						
Mercury	ND	0.20	ug/L	SW846 7470A	05/21/08	KNJ9E1AA
Dilution Factor: 1						
MB Lot-Sample #: F8E090000-197 Prep Batch #...: 8130197						
Lead	ND	3.0	ug/L	SW846 6020	05/09-05/21/08	KNLPH1AC
Dilution Factor: 1						
Arsenic	ND	10.0	ug/L	SW846 6020	05/09-05/21/08	KNLPH1AA
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 #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8D300000-206 Prep Batch #...: 8121206							
Antimony	500	428	ug/L	86	SW846 6010B	04/30-05/01/08	KL9H81AW
			Dilution Factor: 1				
Barium	500	432	ug/L	86	SW846 6010B	04/30-05/01/08	KL9H81AX
			Dilution Factor: 1				
Beryllium	500	451	ug/L	90	SW846 6010B	04/30-05/01/08	KL9H81A0
			Dilution Factor: 1				
Cadmium	500	432	ug/L	86	SW846 6010B	04/30-05/01/08	KL9H81A1
			Dilution Factor: 1				
Calcium	10000	8540	ug/L	85	SW846 6010B	04/30-05/01/08	KL9H81A2
			Dilution Factor: 1				
Chromium	500	420	ug/L	84	SW846 6010B	04/30-05/01/08	KL9H81A3
			Dilution Factor: 1				
Cobalt	500	418	ug/L	84	SW846 6010B	04/30-05/01/08	KL9H81A4
			Dilution Factor: 1				
Copper	500	417	ug/L	83	SW846 6010B	04/30-05/01/08	KL9H81A5
			Dilution Factor: 1				
Iron	500	470	ug/L	94	SW846 6010B	04/30-05/01/08	KL9H81A6
			Dilution Factor: 1				
Magnesium	10000	8510	ug/L	85	SW846 6010B	04/30-05/01/08	KL9H81A7
			Dilution Factor: 1				
Manganese	500	426	ug/L	85	SW846 6010B	04/30-05/01/08	KL9H81A8
			Dilution Factor: 1				
Nickel	500	430	ug/L	86	SW846 6010B	04/30-05/01/08	KL9H81A9
			Dilution Factor: 1				
Potassium	10000	10200	ug/L	102	SW846 6010B	04/30-05/01/08	KL9H81CA
			Dilution Factor: 1				
Silver	125	105	ug/L	84	SW846 6010B	04/30-05/01/08	KL9H81CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	10000	9340	ug/L	93	SW846 6010B	04/30-05/01/08	KL9H81CD
Dilution Factor: 1							
Strontium	500	444	ug/L	89	SW846 6010B	04/30-05/01/08	KL9H81CE
Dilution Factor: 1							
Vanadium	500	424	ug/L	85	SW846 6010B	04/30-05/01/08	KL9H81CF
Dilution Factor: 1							
Zinc	500	450	ug/L	90	SW846 6010B	04/30-05/01/08	KL9H81CG
Dilution Factor: 1							
LCS Lot-Sample#: F8D300000-208 Prep Batch #...: 8121208							
Antimony	500	524	ug/L	105	SW846 6010B	04/30-05/01/08	KL9JC1AW
Dilution Factor: 1							
Barium	500	529	ug/L	106	SW846 6010B	04/30-05/01/08	KL9JC1AX
Dilution Factor: 1							
Beryllium	500	547	ug/L	109	SW846 6010B	04/30-05/01/08	KL9JC1A0
Dilution Factor: 1							
Cadmium	500	525	ug/L	105	SW846 6010B	04/30-05/01/08	KL9JC1A1
Dilution Factor: 1							
Calcium	10000	10200	ug/L	102	SW846 6010B	04/30-05/01/08	KL9JC1A2
Dilution Factor: 1							
Chromium	500	511	ug/L	102	SW846 6010B	04/30-05/01/08	KL9JC1A3
Dilution Factor: 1							
Cobalt	500	506	ug/L	101	SW846 6010B	04/30-05/01/08	KL9JC1A4
Dilution Factor: 1							
Copper	500	501	ug/L	100	SW846 6010B	04/30-05/01/08	KL9JC1A5
Dilution Factor: 1							
Iron	500	556	ug/L	111	SW846 6010B	04/30-05/01/08	KL9JC1A6
Dilution Factor: 1							
Magnesium	10000	10100	ug/L	101	SW846 6010B	04/30-05/01/08	KL9JC1A7
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Manganese	500	517	ug/L	103	SW846 6010B	04/30-05/01/08	KL9JC1A8
Dilution Factor: 1							
Nickel	500	515	ug/L	103	SW846 6010B	04/30-05/01/08	KL9JC1A9
Dilution Factor: 1							
Potassium	10000	11400	ug/L	114	SW846 6010B	04/30-05/01/08	KL9JC1CA
Dilution Factor: 1							
Silver	125	128	ug/L	102	SW846 6010B	04/30-05/01/08	KL9JC1CC
Dilution Factor: 1							
Sodium	10000	10500	ug/L	105	SW846 6010B	04/30-05/01/08	KL9JC1CD
Dilution Factor: 1							
Strontium	500	540	ug/L	108	SW846 6010B	04/30-05/01/08	KL9JC1CE
Dilution Factor: 1							
Vanadium	500	513	ug/L	103	SW846 6010B	04/30-05/01/08	KL9JC1CF
Dilution Factor: 1							
Zinc	500	544	ug/L	109	SW846 6010B	04/30-05/01/08	KL9JC1CG
Dilution Factor: 1							
LCS Lot-Sample#: F8D300000-214 Prep Batch #....: 8121214							
Arsenic	500	489	ug/L	98	SW846 6020	04/30-05/06/08	KL9L81AE
Dilution Factor: 1							
LCS Lot-Sample#: F8E090000-188 Prep Batch #....: 8130188							
Antimony	500	532	ug/L	106	SW846 6010B	05/09-05/12/08	KMWJ11AW
Dilution Factor: 1							
Barium	500	543	ug/L	109	SW846 6010B	05/09-05/12/08	KMWJ11AX
Dilution Factor: 1							
Beryllium	500	578	ug/L	116	SW846 6010B	05/09-05/12/08	KMWJ11A0
Dilution Factor: 1							
Cadmium	500	545	ug/L	109	SW846 6010B	05/09-05/12/08	KMWJ11A1
Dilution Factor: 1							
Calcium	10000	10600	ug/L	106	SW846 6010B	05/09-05/12/08	KMWJ11A2
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Chromium	500	533	ug/L	107	SW846 6010B	05/09-05/12/08	KMWJ11A3
Dilution Factor: 1							
Cobalt	500	527	ug/L	105	SW846 6010B	05/09-05/12/08	KMWJ11A4
Dilution Factor: 1							
Copper	500	517	ug/L	103	SW846 6010B	05/09-05/12/08	KMWJ11A5
Dilution Factor: 1							
Iron	500	594	ug/L	119	SW846 6010B	05/09-05/12/08	KMWJ11A6
Dilution Factor: 1							
Magnesium	10000	10500	ug/L	105	SW846 6010B	05/09-05/12/08	KMWJ11A7
Dilution Factor: 1							
Manganese	500	538	ug/L	108	SW846 6010B	05/09-05/12/08	KMWJ11A8
Dilution Factor: 1							
Nickel	500	532	ug/L	106	SW846 6010B	05/09-05/12/08	KMWJ11A9
Dilution Factor: 1							
Potassium	10000	11900	ug/L	119	SW846 6010B	05/09-05/13/08	KMWJ11CA
Dilution Factor: 1							
Silver	125	132	ug/L	106	SW846 6010B	05/09-05/12/08	KMWJ11CC
Dilution Factor: 1							
Sodium	10000	10500	ug/L	105	SW846 6010B	05/09-05/13/08	KMWJ11CD
Dilution Factor: 1							
Strontium	500	556	ug/L	111	SW846 6010B	05/09-05/12/08	KMWJ11CE
Dilution Factor: 1							
Vanadium	500	541	ug/L	108	SW846 6010B	05/09-05/12/08	KMWJ11CF
Dilution Factor: 1							
Zinc	500	567	ug/L	113	SW846 6010B	05/09-05/12/08	KMWJ11CG
Dilution Factor: 1							
LCS Lot-Sample#: F8E130000-342 Prep Batch #...: 8134342							
Antimony	500	456	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1C4
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Barium	500	456	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1C5
			Dilution Factor: 1				
Beryllium	500	490	ug/L	98	SW846 6010B	05/13-05/14/08	KM4QR1C6
			Dilution Factor: 1				
Cadmium	500	466	ug/L	93	SW846 6010B	05/13-05/14/08	KM4QR1C7
			Dilution Factor: 1				
Calcium	10000	8880	ug/L	89	SW846 6010B	05/13-05/14/08	KM4QR1C8
			Dilution Factor: 1				
Chromium	500	454	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1C9
			Dilution Factor: 1				
Cobalt	500	449	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1DA
			Dilution Factor: 1				
Copper	500	435	ug/L	87	SW846 6010B	05/13-05/14/08	KM4QR1DC
			Dilution Factor: 1				
Iron	500	557	ug/L	111	SW846 6010B	05/13-05/15/08	KM4QR1DD
			Dilution Factor: 1				
Magnesium	10000	9000	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1DE
			Dilution Factor: 1				
Manganese	500	459	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1DF
			Dilution Factor: 1				
Nickel	500	458	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1DG
			Dilution Factor: 1				
Potassium	10000	11900	ug/L	119	SW846 6010B	05/13-05/15/08	KM4QR1DH
			Dilution Factor: 1				
Silver	125	112	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1DJ
			Dilution Factor: 1				
Sodium	10000	11200	ug/L	112	SW846 6010B	05/13-05/15/08	KM4QR1DK
			Dilution Factor: 1				
Strontium	500	469	ug/L	94	SW846 6010B	05/13-05/14/08	KM4QR1DL
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Vanadium	500	462	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1DM
Dilution Factor: 1							
Zinc	500	481	ug/L	96	SW846 6010B	05/13-05/14/08	KM4QR1DN
Dilution Factor: 1							
LCS Lot-Sample#: F8E210000-069 Prep Batch #....: 8142069							
Mercury	1.00	0.901	ug/L	90	SW846 7470A	05/21/08	KNJ9G1AC
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 #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8E010000-092 Prep Batch #....: 8122092							
Antimony	500	491	ug/L	98	SW846 6010B	05/01-05/02/08	KMC7M1AW
			Dilution Factor: 1				
Barium	500	503	ug/L	101	SW846 6010B	05/01-05/02/08	KMC7M1AX
			Dilution Factor: 1				
Beryllium	500	524	ug/L	105	SW846 6010B	05/01-05/02/08	KMC7M1A0
			Dilution Factor: 1				
Cadmium	500	500	ug/L	100	SW846 6010B	05/01-05/02/08	KMC7M1A1
			Dilution Factor: 1				
Calcium	10000	9630	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7M1A2
			Dilution Factor: 1				
Chromium	500	486	ug/L	97	SW846 6010B	05/01-05/02/08	KMC7M1A3
			Dilution Factor: 1				
Cobalt	500	484	ug/L	97	SW846 6010B	05/01-05/02/08	KMC7M1A4
			Dilution Factor: 1				
Copper	500	483	ug/L	97	SW846 6010B	05/01-05/02/08	KMC7M1A5
			Dilution Factor: 1				
Iron	500	522	ug/L	104	SW846 6010B	05/01-05/02/08	KMC7M1A6
			Dilution Factor: 1				
Magnesium	10000	9630	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7M1A7
			Dilution Factor: 1				
Manganese	500	495	ug/L	99	SW846 6010B	05/01-05/02/08	KMC7M1A8
			Dilution Factor: 1				
Nickel	500	489	ug/L	98	SW846 6010B	05/01-05/02/08	KMC7M1A9
			Dilution Factor: 1				
Potassium	10000	11500	ug/L	115	SW846 6010B	05/01-05/02/08	KMC7M1CA
			Dilution Factor: 1				
Silver	125	122	ug/L	98	SW846 6010B	05/01-05/02/08	KMC7M1CC
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Sodium	10000	10300	ug/L	103	SW846 6010B	05/01-05/02/08	KMC7M1CD
Dilution Factor: 1							
Strontium	500	516	ug/L	103	SW846 6010B	05/01-05/02/08	KMC7M1CE
Dilution Factor: 1							
Vanadium	500	495	ug/L	99	SW846 6010B	05/01-05/02/08	KMC7M1CF
Dilution Factor: 1							
Zinc	500	518	ug/L	104	SW846 6010B	05/01-05/02/08	KMC7M1CG
Dilution Factor: 1							
LCS Lot-Sample#: F8E010000-095 Prep Batch #....: 8122095							
Antimony	500	487	ug/L	97	SW846 6010B	05/01-05/02/08	KMC7T1AW
Dilution Factor: 1							
Barium	500	497	ug/L	99	SW846 6010B	05/01-05/02/08	KMC7T1AX
Dilution Factor: 1							
Beryllium	500	515	ug/L	103	SW846 6010B	05/01-05/02/08	KMC7T1A0
Dilution Factor: 1							
Cadmium	500	493	ug/L	99	SW846 6010B	05/01-05/02/08	KMC7T1A1
Dilution Factor: 1							
Calcium	10000	9620	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7T1A2
Dilution Factor: 1							
Chromium	500	481	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7T1A3
Dilution Factor: 1							
Cobalt	500	480	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7T1A4
Dilution Factor: 1							
Copper	500	473	ug/L	95	SW846 6010B	05/01-05/02/08	KMC7T1A5
Dilution Factor: 1							
Iron	500	519	ug/L	104	SW846 6010B	05/01-05/02/08	KMC7T1A6
Dilution Factor: 1							
Magnesium	10000	9570	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7T1A7
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Manganese	500	490	ug/L	98	SW846 6010B	05/01-05/02/08	KMC7T1A8
Dilution Factor: 1							
Nickel	500	484	ug/L	97	SW846 6010B	05/01-05/02/08	KMC7T1A9
Dilution Factor: 1							
Potassium	10000	10100	ug/L	101	SW846 6010B	05/01-05/02/08	KMC7T1CA
Dilution Factor: 1							
Silver	125	120	ug/L	96	SW846 6010B	05/01-05/02/08	KMC7T1CC
Dilution Factor: 1							
Sodium	10000	10300	ug/L	103	SW846 6010B	05/01-05/02/08	KMC7T1CD
Dilution Factor: 1							
Strontium	500	509	ug/L	102	SW846 6010B	05/01-05/02/08	KMC7T1CE
Dilution Factor: 1							
Vanadium	500	491	ug/L	98	SW846 6010B	05/01-05/02/08	KMC7T1CF
Dilution Factor: 1							
Zinc	500	507	ug/L	101	SW846 6010B	05/01-05/02/08	KMC7T1CG
Dilution Factor: 1							
LCS Lot-Sample#: F8E010000-096 Prep Batch #....: 8122096							
Arsenic	500	485	ug/L	97	SW846 6020	05/01-05/06/08	KMC7W1AC
Dilution Factor: 1							
LCS Lot-Sample#: F8E090000-194 Prep Batch #....: 8130194							
Antimony	500	541	ug/L	108	SW846 6010B	05/09-05/13/08	KMWJ41AW
Dilution Factor: 1							
Barium	500	543	ug/L	109	SW846 6010B	05/09-05/13/08	KMWJ41AX
Dilution Factor: 1							
Beryllium	500	580	ug/L	116	SW846 6010B	05/09-05/13/08	KMWJ41A0
Dilution Factor: 1							
Cadmium	500	547	ug/L	109	SW846 6010B	05/09-05/13/08	KMWJ41A1
Dilution Factor: 1							
Calcium	10000	10400	ug/L	104	SW846 6010B	05/09-05/13/08	KMWJ41A2
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #....: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Chromium	500	536	ug/L	107	SW846 6010B	05/09-05/13/08	KMWJ41A3
Dilution Factor: 1							
Cobalt	500	528	ug/L	106	SW846 6010B	05/09-05/13/08	KMWJ41A4
Dilution Factor: 1							
Copper	500	518	ug/L	104	SW846 6010B	05/09-05/13/08	KMWJ41A5
Dilution Factor: 1							
Iron	500	568	ug/L	114	SW846 6010B	05/09-05/13/08	KMWJ41A6
Dilution Factor: 1							
Magnesium	10000	10500	ug/L	105	SW846 6010B	05/09-05/13/08	KMWJ41A7
Dilution Factor: 1							
Manganese	500	541	ug/L	108	SW846 6010B	05/09-05/13/08	KMWJ41A8
Dilution Factor: 1							
Nickel	500	537	ug/L	107	SW846 6010B	05/09-05/13/08	KMWJ41A9
Dilution Factor: 1							
Potassium	10000	8980	ug/L	90	SW846 6010B	05/09-05/13/08	KMWJ41CA
Dilution Factor: 1							
Silver	125	133	ug/L	106	SW846 6010B	05/09-05/13/08	KMWJ41CC
Dilution Factor: 1							
Sodium	10000	10800	ug/L	108	SW846 6010B	05/09-05/13/08	KMWJ41CD
Dilution Factor: 1							
Strontium	500	559	ug/L	112	SW846 6010B	05/09-05/13/08	KMWJ41CE
Dilution Factor: 1							
Vanadium	500	545	ug/L	109	SW846 6010B	05/09-05/13/08	KMWJ41CF
Dilution Factor: 1							
Zinc	500	574	ug/L	115	SW846 6010B	05/09-05/13/08	KMWJ41CG
Dilution Factor: 1							
LCS Lot-Sample#: F8E090000-197 Prep Batch #....: 8130197							
Lead	500	495	ug/L	99	SW846 6020	05/09-05/21/08	KNLPH1AE
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Arsenic	500	519	ug/L	104	SW846 6020	05/09-05/21/08	KNLPH1AD
Dilution Factor: 1							
LCS Lot-Sample#: F8E130000-342 Prep Batch #...: 8134342							
Antimony	500	456	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1CH
Dilution Factor: 1							
Barium	500	456	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1CJ
Dilution Factor: 1							
Beryllium	500	490	ug/L	98	SW846 6010B	05/13-05/14/08	KM4QR1CK
Dilution Factor: 1							
Cadmium	500	466	ug/L	93	SW846 6010B	05/13-05/14/08	KM4QR1CL
Dilution Factor: 1							
Calcium	10000	8880	ug/L	89	SW846 6010B	05/13-05/14/08	KM4QR1CM
Dilution Factor: 1							
Chromium	500	454	ug/L	91	SW846 6010B	05/13-05/14/08	KM4QR1CN
Dilution Factor: 1							
Cobalt	500	449	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1CP
Dilution Factor: 1							
Copper	500	435	ug/L	87	SW846 6010B	05/13-05/14/08	KM4QR1CQ
Dilution Factor: 1							
Iron	500	557	ug/L	111	SW846 6010B	05/13-05/15/08	KM4QR1CR
Dilution Factor: 1							
Magnesium	10000	9000	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1CT
Dilution Factor: 1							
Manganese	500	459	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1CU
Dilution Factor: 1							
Nickel	500	458	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1CV
Dilution Factor: 1							
Potassium	10000	11900	ug/L	119	SW846 6010B	05/13-05/15/08	KM4QR1CW
Dilution Factor: 1							

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Silver	125	112	ug/L	90	SW846 6010B	05/13-05/14/08	KM4QR1CX
Dilution Factor: 1							
Sodium	10000	11200	ug/L	112	SW846 6010B	05/13-05/15/08	KM4QR1C0
Dilution Factor: 1							
Strontium	500	469	ug/L	94	SW846 6010B	05/13-05/14/08	KM4QR1C1
Dilution Factor: 1							
Vanadium	500	462	ug/L	92	SW846 6010B	05/13-05/14/08	KM4QR1C2
Dilution Factor: 1							
Zinc	500	481	ug/L	96	SW846 6010B	05/13-05/14/08	KM4QR1C3
Dilution Factor: 1							
LCS Lot-Sample#: F8E210000-068 Prep Batch #...: 8142068							
Mercury	1.00	1.02	ug/L	102	SW846 7470A	05/21/08	KNJ9E1AC
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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/22/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	---------------	-----------	---------------	-------	---------------	-----	--------	----------------------------	--------------

MS Lot-Sample #: F8D230336-002 Prep Batch #...: 8121214

Arsenic

ND	1000	992	ug/L	99			SW846 6020	04/30-05/07/08	KLV2A1AX
ND	1000	980	ug/L	98	1.2		SW846 6020	04/30-05/07/08	KLV2A1A0

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	---------------	-----------	---------------	-------	---------------	-----	--------	----------------------------	--------------

MS Lot-Sample #: F8D230347-010 Prep Batch #...: 8121206

Antimony

ND	250	253	ug/L	101			SW846 6010B	04/30-05/01/08	KLV421A0
ND	250	257	ug/L	103	1.4		SW846 6010B	04/30-05/01/08	KLV421A1

Dilution Factor: 1

Barium

24.9	1000	1050	ug/L	103			SW846 6010B	04/30-05/01/08	KLV421A2
24.9	1000	1060	ug/L	104	0.93		SW846 6010B	04/30-05/01/08	KLV421A3

Dilution Factor: 1

Beryllium

ND	25.0	26.9	ug/L	108			SW846 6010B	04/30-05/01/08	KLV421A4
ND	25.0	27.2	ug/L	109	0.92		SW846 6010B	04/30-05/01/08	KLV421A5

Dilution Factor: 1

Cadmium

ND	25.0	25.4	ug/L	101			SW846 6010B	04/30-05/01/08	KLV421A6
ND	25.0	25.7	ug/L	103	1.3		SW846 6010B	04/30-05/01/08	KLV421A7

Dilution Factor: 1

Calcium

51800	25000	79000 D	ug/L	109			SW846 6010B	04/30-05/02/08	KLV421A8
51800	25000	76700 D	ug/L	100	2.9		SW846 6010B	04/30-05/02/08	KLV421A9

Dilution Factor: 2

Chromium

54.1	100	153	ug/L	99			SW846 6010B	04/30-05/01/08	KLV421CA
54.1	100	156	ug/L	101	1.9		SW846 6010B	04/30-05/01/08	KLV421CC

Dilution Factor: 1

Cobalt

ND	250	242	ug/L	97			SW846 6010B	04/30-05/01/08	KLV421CD
ND	250	246	ug/L	98	1.6		SW846 6010B	04/30-05/01/08	KLV421CE

Dilution Factor: 1

Copper

15.0	125	138	ug/L	99			SW846 6010B	04/30-05/01/08	KLV421CF
15.0	125	139	ug/L	99	0.70		SW846 6010B	04/30-05/01/08	KLV421CG

Dilution Factor: 1

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
ND		500	544	ug/L	109		SW846 6010B	04/30-05/01/08	KLV421CH
ND		500	554	ug/L	111	1.8	SW846 6010B	04/30-05/01/08	KLV421CJ
Dilution Factor: 1									
Magnesium									
6140		25000	31200	ug/L	100		SW846 6010B	04/30-05/01/08	KLV421CK
6140		25000	31600	ug/L	102	1.4	SW846 6010B	04/30-05/01/08	KLV421CL
Dilution Factor: 1									
Manganese									
ND		250	254	ug/L	102		SW846 6010B	04/30-05/01/08	KLV421CM
ND		250	258	ug/L	103	1.4	SW846 6010B	04/30-05/01/08	KLV421CN
Dilution Factor: 1									
Nickel									
ND		250	244	ug/L	98		SW846 6010B	04/30-05/01/08	KLV421CP
ND		250	248	ug/L	99	1.5	SW846 6010B	04/30-05/01/08	KLV421CQ
Dilution Factor: 1									
Potassium									
2760		12500	17100	ug/L	115		SW846 6010B	04/30-05/01/08	KLV421CR
2760		12500	18100	ug/L	122	5.5	SW846 6010B	04/30-05/01/08	KLV421CT
Dilution Factor: 1									
Silver									
ND		25.0	25.8	ug/L	103		SW846 6010B	04/30-05/01/08	KLV421CU
ND		25.0	25.5	ug/L	102	1.2	SW846 6010B	04/30-05/01/08	KLV421CV
Dilution Factor: 1									
Sodium									
18500		12500	31700	ug/L	105		SW846 6010B	04/30-05/01/08	KLV421CW
18500		12500	31700	ug/L	105	0.12	SW846 6010B	04/30-05/01/08	KLV421CX
Dilution Factor: 1									
Strontium									
266		500	829 D	ug/L	113		SW846 6010B	04/30-05/02/08	KLV421C0
266		500	805 D	ug/L	108	2.9	SW846 6010B	04/30-05/02/08	KLV421C1
Dilution Factor: 2									
Vanadium									
ND		250	252	ug/L	101		SW846 6010B	04/30-05/01/08	KLV421C2
ND		250	257	ug/L	103	1.8	SW846 6010B	04/30-05/01/08	KLV421C3
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	13.0	250	273	ug/L	104		SW846 6010B	04/30-05/01/08	KLV421C4
	13.0	250	276	ug/L	105	1.3	SW846 6010B	04/30-05/01/08	KLV421C5

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

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8D260146-002 Prep Batch #...: 8121208									
Antimony									
ND	250	239	ug/L	96			SW846 6010B	04/30-05/01/08	KL4CF1AX
ND	250	253	ug/L	101	5.7		SW846 6010B	04/30-05/01/08	KL4CF1A0
Dilution Factor: 1									
Barium									
44.8	1000	991	ug/L	95			SW846 6010B	04/30-05/01/08	KL4CF1A1
44.8	1000	1080	ug/L	103	8.6		SW846 6010B	04/30-05/01/08	KL4CF1A2
Dilution Factor: 1									
Beryllium									
ND	25.0	24.4	ug/L	98			SW846 6010B	04/30-05/01/08	KL4CF1A3
ND	25.0	26.6	ug/L	106	8.7		SW846 6010B	04/30-05/01/08	KL4CF1A4
Dilution Factor: 1									
Cadmium									
ND	25.0	22.8	ug/L	91			SW846 6010B	04/30-05/01/08	KL4CF1A5
ND	25.0	24.5	ug/L	98	7.3		SW846 6010B	04/30-05/01/08	KL4CF1A6
Dilution Factor: 1									
Calcium									
43100	25000	70000 D	ug/L	108			SW846 6010B	04/30-05/01/08	KL4CF1A7
43100	25000	67100 D	ug/L	96	4.2		SW846 6010B	04/30-05/01/08	KL4CF1A8
Dilution Factor: 2									
Chromium									
49.9	100	145	ug/L	95			SW846 6010B	04/30-05/01/08	KL4CF1A9
49.9	100	157	ug/L	107	8.0		SW846 6010B	04/30-05/01/08	KL4CF1CA
Dilution Factor: 1									
Cobalt									
ND	250	221	ug/L	88			SW846 6010B	04/30-05/01/08	KL4CF1CC
ND	250	237	ug/L	95	7.2		SW846 6010B	04/30-05/01/08	KL4CF1CD
Dilution Factor: 1									
Copper									
ND	125	110	ug/L	88			SW846 6010B	04/30-05/01/08	KL4CF1CE
ND	125	121	ug/L	97	9.4		SW846 6010B	04/30-05/01/08	KL4CF1CF
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	31.7	500	517	ug/L	97		SW846 6010B	04/30-05/01/08	KL4CF1CG
	31.7	500	556	ug/L	105	7.2	SW846 6010B	04/30-05/01/08	KL4CF1CH
Dilution Factor: 1									
Magnesium									
	9000	25000	32200	ug/L	93		SW846 6010B	04/30-05/01/08	KL4CF1CJ
	9000	25000	34900	ug/L	104	8.0	SW846 6010B	04/30-05/01/08	KL4CF1CK
Dilution Factor: 1									
Manganese									
	ND	250	232	ug/L	93		SW846 6010B	04/30-05/01/08	KL4CF1CL
	ND	250	252	ug/L	101	8.5	SW846 6010B	04/30-05/01/08	KL4CF1CM
Dilution Factor: 1									
Nickel									
	ND	250	226	ug/L	90		SW846 6010B	04/30-05/01/08	KL4CF1CN
	ND	250	244	ug/L	98	7.7	SW846 6010B	04/30-05/01/08	KL4CF1CP
Dilution Factor: 1									
Potassium									
	6640	12500	17400	ug/L	86		SW846 6010B	04/30-05/01/08	KL4CF1CQ
	6640	12500	18000	ug/L	91	3.5	SW846 6010B	04/30-05/01/08	KL4CF1CR
Dilution Factor: 1									
Silver									
	ND	25.0	23.2	ug/L	93		SW846 6010B	04/30-05/01/08	KL4CF1CT
	ND	25.0	23.8	ug/L	95	2.6	SW846 6010B	04/30-05/01/08	KL4CF1CU
Dilution Factor: 1									
Sodium									
	21300	12500	35300	ug/L	112		SW846 6010B	04/30-05/01/08	KL4CF1CV
	21300	12500	36000	ug/L	118	2.1	SW846 6010B	04/30-05/01/08	KL4CF1CW
Dilution Factor: 1									
Strontium									
	273	500	836 D	ug/L	113		SW846 6010B	04/30-05/01/08	KL4CF1CX
	273	500	805 D	ug/L	106	3.8	SW846 6010B	04/30-05/01/08	KL4CF1CO
Dilution Factor: 2									
Vanadium									
	5.7	250	233	ug/L	91		SW846 6010B	04/30-05/01/08	KL4CF1C1
	5.7	250	251	ug/L	98	7.6	SW846 6010B	04/30-05/01/08	KL4CF1C2
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	239	ug/L	96		SW846 6010B	04/30-05/01/08	KL4CF1C3
	ND	250	263	ug/L	105	9.8	SW846 6010B	04/30-05/01/08	KL4CF1C4

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

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8E070244-002 Prep Batch #...: 8130188									
Antimony									
ND	250	230	ug/L	92			SW846 6010B	05/09-05/13/08	KMPKR1AX
ND	250	235	ug/L	94	2.2		SW846 6010B	05/09-05/13/08	KMPKR1A0
Dilution Factor: 1									
Barium									
26.1	1000	995	ug/L	97			SW846 6010B	05/09-05/13/08	KMPKR1A1
26.1	1000	1000	ug/L	98	0.71		SW846 6010B	05/09-05/13/08	KMPKR1A2
Dilution Factor: 1									
Beryllium									
ND	25.0	25.7	ug/L	103			SW846 6010B	05/09-05/13/08	KMPKR1A3
ND	25.0	25.9	ug/L	104	0.62		SW846 6010B	05/09-05/13/08	KMPKR1A4
Dilution Factor: 1									
Cadmium									
ND	25.0	23.8	ug/L	95			SW846 6010B	05/09-05/13/08	KMPKR1A5
ND	25.0	23.7	ug/L	95	0.33		SW846 6010B	05/09-05/13/08	KMPKR1A6
Dilution Factor: 1									
Calcium									
43700	25000	68100	D ug/L	97			SW846 6010B	05/09-05/13/08	KMPKR1A7
43700	25000	65600	D ug/L	87	3.7		SW846 6010B	05/09-05/13/08	KMPKR1A8
Dilution Factor: 2									
Chromium									
7.7	100	102	ug/L	94			SW846 6010B	05/09-05/13/08	KMPKR1A9
7.7	100	103	ug/L	95	0.48		SW846 6010B	05/09-05/13/08	KMPKR1CA
Dilution Factor: 1									
Cobalt									
ND	250	225	ug/L	90			SW846 6010B	05/09-05/13/08	KMPKR1CC
ND	250	228	ug/L	91	1.3		SW846 6010B	05/09-05/13/08	KMPKR1CD
Dilution Factor: 1									
Copper									
ND	125	116	ug/L	93			SW846 6010B	05/09-05/13/08	KMPKR1CE
ND	125	117	ug/L	93	0.81		SW846 6010B	05/09-05/13/08	KMPKR1CF
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	328	500	740	ug/L	83		SW846 6010B	05/09-05/13/08	KMPKR1CG
	328	500	790	ug/L	93	6.5	SW846 6010B	05/09-05/13/08	KMPKR1CH
Dilution Factor: 1									
Magnesium									
	8490	25000	32100	ug/L	95		SW846 6010B	05/09-05/13/08	KMPKR1CJ
	8490	25000	32300	ug/L	95	0.47	SW846 6010B	05/09-05/13/08	KMPKR1CK
Dilution Factor: 1									
Manganese									
	3.4	250	243	ug/L	96		SW846 6010B	05/09-05/13/08	KMPKR1CL
	3.4	250	245	ug/L	97	0.65	SW846 6010B	05/09-05/13/08	KMPKR1CM
Dilution Factor: 1									
Nickel									
	ND	250	229	ug/L	92		SW846 6010B	05/09-05/13/08	KMPKR1CN
	ND	250	231	ug/L	92	0.49	SW846 6010B	05/09-05/13/08	KMPKR1CP
Dilution Factor: 1									
Potassium									
	6780	12500	17500	ug/L	86		SW846 6010B	05/09-05/13/08	KMPKR1CQ
	6780	12500	15800	N ug/L	72	11	SW846 6010B	05/09-05/13/08	KMPKR1CR
Dilution Factor: 1									
Silver									
	ND	25.0	23.5	ug/L	94		SW846 6010B	05/09-05/13/08	KMPKR1CT
	ND	25.0	23.4	ug/L	94	0.42	SW846 6010B	05/09-05/13/08	KMPKR1CU
Dilution Factor: 1									
Sodium									
	13500	12500	26500	ug/L	104		SW846 6010B	05/09-05/13/08	KMPKR1CV
	13500	12500	27000	ug/L	108	2.0	SW846 6010B	05/09-05/13/08	KMPKR1CW
Dilution Factor: 1									
Strontium									
	228	500	762	D ug/L	107		SW846 6010B	05/09-05/13/08	KMPKR1CX
	228	500	735	D ug/L	101	3.6	SW846 6010B	05/09-05/13/08	KMPKR1C0
Dilution Factor: 2									
Vanadium									
	8.5	250	246	ug/L	95		SW846 6010B	05/09-05/13/08	KMPKR1C1
	8.5	250	247	ug/L	95	0.35	SW846 6010B	05/09-05/13/08	KMPKR1C2
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	253	ug/L	101		SW846 6010B	05/09-05/13/08	KMPKR1C3
	ND	250	255	ug/L	102	0.96	SW846 6010B	05/09-05/13/08	KMPKR1C4

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.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	---------------------	------------------	-------	------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: F8E070244-023 Prep Batch #...: 8142069

Mercury

ND	1.00	0.999	ug/L	100			SW846 7470A	05/21/08	KMQQX1A6
ND	1.00	0.985	ug/L	98	1.4		SW846 7470A	05/21/08	KMQQX1A7

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/22/08

Date Received...: 04/23/08

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	---------------------	------------------	-------	------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: F8D230336-001 Prep Batch #...: 8122096

Arsenic

ND	1000	951	ug/L	95			SW846 6020	05/01-05/06/08	KLVI71AX
ND	1000	938	ug/L	94	1.3		SW846 6020	05/01-05/06/08	KLVI71A0

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8D230347-009 Prep Batch #...: 8122092									
Antimony									
ND	250	217	ug/L	87			SW846 6010B	05/01-05/02/08	KLV401AW
ND	250	232	ug/L	93	6.7		SW846 6010B	05/01-05/02/08	KLV401AX
Dilution Factor: 1									
Barium									
20.2	1000	894	ug/L	87			SW846 6010B	05/01-05/02/08	KLV401A0
20.2	1000	964	ug/L	94	7.5		SW846 6010B	05/01-05/02/08	KLV401A1
Dilution Factor: 1									
Beryllium									
ND	25.0	22.8	ug/L	91			SW846 6010B	05/01-05/02/08	KLV401A2
ND	25.0	24.5	ug/L	98	7.2		SW846 6010B	05/01-05/02/08	KLV401A3
Dilution Factor: 1									
Cadmium									
ND	25.0	21.4	ug/L	86			SW846 6010B	05/01-05/02/08	KLV401A4
ND	25.0	22.8	ug/L	91	6.0		SW846 6010B	05/01-05/02/08	KLV401A5
Dilution Factor: 1									
Calcium									
58500	25000	85000 D	ug/L	106			SW846 6010B	05/01-05/03/08	KLV401A6
58500	25000	82000 D	ug/L	94	3.6		SW846 6010B	05/01-05/03/08	KLV401A7
Dilution Factor: 2									
Chromium									
44.4	100	129	ug/L	84			SW846 6010B	05/01-05/02/08	KLV401A8
44.4	100	139	ug/L	95	7.8		SW846 6010B	05/01-05/02/08	KLV401A9
Dilution Factor: 1									
Cobalt									
ND	250	207	ug/L	83			SW846 6010B	05/01-05/02/08	KLV401CA
ND	250	221	ug/L	88	6.3		SW846 6010B	05/01-05/02/08	KLV401CC
Dilution Factor: 1									
Copper									
ND	125	105	ug/L	84			SW846 6010B	05/01-05/02/08	KLV401CD
ND	125	114	ug/L	91	7.9		SW846 6010B	05/01-05/02/08	KLV401CE
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
ND		500	448	ug/L	90		SW846 6010B	05/01-05/02/08	KLV401CF
ND		500	471	ug/L	94	5.0	SW846 6010B	05/01-05/02/08	KLV401CG
Dilution Factor: 1									
Magnesium									
4880		25000	25700	ug/L	83		SW846 6010B	05/01-05/02/08	KLV401CH
4880		25000	27600	ug/L	91	7.3	SW846 6010B	05/01-05/02/08	KLV401CJ
Dilution Factor: 1									
Manganese									
3.9		250	220	ug/L	86		SW846 6010B	05/01-05/02/08	KLV401CK
3.9		250	236	ug/L	93	7.1	SW846 6010B	05/01-05/02/08	KLV401CL
Dilution Factor: 1									
Nickel									
ND		250	208	ug/L	83		SW846 6010B	05/01-05/02/08	KLV401CM
ND		250	222	ug/L	89	6.8	SW846 6010B	05/01-05/02/08	KLV401CN
Dilution Factor: 1									
Potassium									
ND		12500	12800	ug/L	102		SW846 6010B	05/01-05/02/08	KLV401CP
ND		12500	14100	ug/L	112	9.7	SW846 6010B	05/01-05/02/08	KLV401CQ
Dilution Factor: 1									
Silver									
ND		25.0	21.6	ug/L	86		SW846 6010B	05/01-05/02/08	KLV401CR
ND		25.0	22.6	ug/L	90	4.3	SW846 6010B	05/01-05/02/08	KLV401CT
Dilution Factor: 1									
Sodium									
14800		12500	25800	ug/L	88		SW846 6010B	05/01-05/02/08	KLV401CU
14800		12500	28100	ug/L	107	8.5	SW846 6010B	05/01-05/02/08	KLV401CV
Dilution Factor: 1									
Strontium									
293		500	886 D	ug/L	119		SW846 6010B	05/01-05/03/08	KLV401CW
293		500	846 D	ug/L	111	4.6	SW846 6010B	05/01-05/03/08	KLV401CX
Dilution Factor: 2									
Vanadium									
ND		250	216	ug/L	87		SW846 6010B	05/01-05/02/08	KLV401CO
ND		250	231	ug/L	92	6.3	SW846 6010B	05/01-05/02/08	KLV401CI
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/21/08

Date Received...: 04/23/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	5.9	250	227	ug/L	89		SW846 6010B	05/01-05/02/08	KLV401C2
	5.9	250	244	ug/L	95	6.9	SW846 6010B	05/01-05/02/08	KLV401C3

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8D260146-001 Prep Batch #...: 8122095									
Antimony									
ND		250	247	ug/L	99		SW846 6010B	05/01-05/02/08	KL4CE1AW
ND		250	228	ug/L	91	8.1	SW846 6010B	05/01-05/02/08	KL4CE1AX
Dilution Factor: 1									
Barium									
52.2		1000	1050	ug/L	100		SW846 6010B	05/01-05/02/08	KL4CE1A0
52.2		1000	982	ug/L	93	7.0	SW846 6010B	05/01-05/02/08	KL4CE1A1
Dilution Factor: 1									
Beryllium									
ND		25.0	25.9	ug/L	103		SW846 6010B	05/01-05/02/08	KL4CE1A2
ND		25.0	24.1	ug/L	96	7.0	SW846 6010B	05/01-05/02/08	KL4CE1A3
Dilution Factor: 1									
Cadmium									
ND		25.0	24.1	ug/L	96		SW846 6010B	05/01-05/02/08	KL4CE1A4
ND		25.0	22.7	ug/L	91	5.8	SW846 6010B	05/01-05/02/08	KL4CE1A5
Dilution Factor: 1									
Calcium									
41900		25000	67100 D	ug/L	101		SW846 6010B	05/01-05/02/08	KL4CE1A6
41900		25000	64700 D	ug/L	91	3.6	SW846 6010B	05/01-05/02/08	KL4CE1A7
Dilution Factor: 2									
Chromium									
55.9		100	151	ug/L	95		SW846 6010B	05/01-05/02/08	KL4CE1A8
55.9		100	141	ug/L	85	7.0	SW846 6010B	05/01-05/02/08	KL4CE1A9
Dilution Factor: 1									
Cobalt									
ND		250	234	ug/L	93		SW846 6010B	05/01-05/02/08	KL4CE1CA
ND		250	219	ug/L	88	6.3	SW846 6010B	05/01-05/02/08	KL4CE1CC
Dilution Factor: 1									
Copper									
ND		125	117	ug/L	94		SW846 6010B	05/01-05/02/08	KL4CE1CD
ND		125	110	ug/L	88	6.2	SW846 6010B	05/01-05/02/08	KL4CE1CE
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
ND		500	500	ug/L	100		SW846 6010B	05/01-05/02/08	KL4CE1CF
ND		500	467	ug/L	93	6.7	SW846 6010B	05/01-05/02/08	KL4CE1CG
Dilution Factor: 1									
Magnesium									
10600		25000	34200	ug/L	95		SW846 6010B	05/01-05/02/08	KL4CE1CH
10600		25000	31900	ug/L	85	7.1	SW846 6010B	05/01-05/02/08	KL4CE1CJ
Dilution Factor: 1									
Manganese									
1.1		250	249	ug/L	99		SW846 6010B	05/01-05/02/08	KL4CE1CK
1.1		250	232	ug/L	93	6.8	SW846 6010B	05/01-05/02/08	KL4CE1CL
Dilution Factor: 1									
Nickel									
ND		250	237	ug/L	95		SW846 6010B	05/01-05/02/08	KL4CE1CM
ND		250	222	ug/L	89	6.4	SW846 6010B	05/01-05/02/08	KL4CE1CN
Dilution Factor: 1									
Potassium									
7330		12500	18500	ug/L	90		SW846 6010B	05/01-05/02/08	KL4CE1CP
7330		12500	18300	ug/L	88	1.3	SW846 6010B	05/01-05/02/08	KL4CE1CQ
Dilution Factor: 1									
Silver									
ND		25.0	23.8	ug/L	95		SW846 6010B	05/01-05/02/08	KL4CE1CR
ND		25.0	22.8	ug/L	91	4.3	SW846 6010B	05/01-05/02/08	KL4CE1CT
Dilution Factor: 1									
Sodium									
23600		12500	37600	ug/L	112		SW846 6010B	05/01-05/02/08	KL4CE1CU
23600		12500	33800	ug/L	81	11	SW846 6010B	05/01-05/02/08	KL4CE1CV
Dilution Factor: 1									
Strontium									
262		500	806 D	ug/L	109		SW846 6010B	05/01-05/02/08	KL4CE1CW
262		500	777 D	ug/L	103	3.7	SW846 6010B	05/01-05/02/08	KL4CE1CX
Dilution Factor: 2									
Vanadium									
6.3		250	250	ug/L	98		SW846 6010B	05/01-05/02/08	KL4CE1CO
6.3		250	236	ug/L	92	5.8	SW846 6010B	05/01-05/02/08	KL4CE1C1
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/25/08

Date Received...: 04/26/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	254	ug/L	102		SW846 6010B	05/01-05/02/08	KL4CE1C2
	ND	250	234	ug/L	94	8.2	SW846 6010B	05/01-05/02/08	KL4CE1C3

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8E010282-005 Prep Batch #...: 8130194									
Antimony									
	8.9	250	261	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01AW
	8.9	250	257	ug/L	99	1.6	SW846 6010B	05/09-05/13/08	KMER01AX
Dilution Factor: 1									
Barium									
	46.3	1000	1120	ug/L	108		SW846 6010B	05/09-05/13/08	KMER01A0
	46.3	1000	1070	ug/L	103	4.6	SW846 6010B	05/09-05/13/08	KMER01A1
Dilution Factor: 1									
Beryllium									
	ND	25.0	27.9	ug/L	112		SW846 6010B	05/09-05/13/08	KMER01A2
	ND	25.0	26.6	ug/L	106	5.0	SW846 6010B	05/09-05/13/08	KMER01A3
Dilution Factor: 1									
Cadmium									
	ND	25.0	25.3	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01A4
	ND	25.0	24.6	ug/L	99	2.5	SW846 6010B	05/09-05/13/08	KMER01A5
Dilution Factor: 1									
Calcium									
	38800	25000	64600 D	ug/L	103		SW846 6010B	05/09-05/13/08	KMER01A6
	38800	25000	65000 D	ug/L	105	0.69	SW846 6010B	05/09-05/13/08	KMER01A7
Dilution Factor: 2									
Chromium									
	ND	100	107	ug/L	107		SW846 6010B	05/09-05/13/08	KMER01A8
	ND	100	102	ug/L	102	5.3	SW846 6010B	05/09-05/13/08	KMER01A9
Dilution Factor: 1									
Cobalt									
	ND	250	251	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01CA
	ND	250	240	ug/L	96	4.6	SW846 6010B	05/09-05/13/08	KMER01CC
Dilution Factor: 1									
Copper									
	ND	125	127	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01CD
	ND	125	121	ug/L	96	4.8	SW846 6010B	05/09-05/13/08	KMER01CE
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
ND		500	548	ug/L	110		SW846 6010B	05/09-05/13/08	KMER01CF
ND		500	528	ug/L	106	3.8	SW846 6010B	05/09-05/13/08	KMER01CG
Dilution Factor: 1									
Magnesium									
11000		25000	36300	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01CH
11000		25000	34700	ug/L	95	4.7	SW846 6010B	05/09-05/13/08	KMER01CJ
Dilution Factor: 1									
Manganese									
1.5		250	268	ug/L	107		SW846 6010B	05/09-05/13/08	KMER01CK
1.5		250	256	ug/L	102	4.5	SW846 6010B	05/09-05/13/08	KMER01CL
Dilution Factor: 1									
Nickel									
ND		250	257	ug/L	103		SW846 6010B	05/09-05/13/08	KMER01CM
ND		250	246	ug/L	98	4.4	SW846 6010B	05/09-05/13/08	KMER01CN
Dilution Factor: 1									
Potassium									
5770		12500	18300	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01CP
5770		12500	16800	ug/L	88	8.8	SW846 6010B	05/09-05/13/08	KMER01CQ
Dilution Factor: 1									
Silver									
ND		25.0	25.2	ug/L	101		SW846 6010B	05/09-05/13/08	KMER01CR
ND		25.0	24.9	ug/L	100	1.4	SW846 6010B	05/09-05/13/08	KMER01CT
Dilution Factor: 1									
Sodium									
15400		12500	29000	ug/L	109		SW846 6010B	05/09-05/13/08	KMER01CU
15400		12500	28600	ug/L	106	1.5	SW846 6010B	05/09-05/13/08	KMER01CV
Dilution Factor: 1									
Strontium									
199		500	739 D	ug/L	108		SW846 6010B	05/09-05/13/08	KMER01CW
199		500	746 D	ug/L	109	0.97	SW846 6010B	05/09-05/13/08	KMER01CX
Dilution Factor: 2									
Vanadium									
19.6		250	283	ug/L	105		SW846 6010B	05/09-05/13/08	KMER01CO
19.6		250	272	ug/L	101	4.2	SW846 6010B	05/09-05/13/08	KMER01CI
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc	ND	250	278	ug/L	111		SW846 6010B	05/09-05/13/08	KMER01C2
	ND	250	265	ug/L	106	4.8	SW846 6010B	05/09-05/13/08	KMER01C3

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 #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8E070244-003 Prep Batch #...: 8130197									
Arsenic									
	3.4	1000	1030	ug/L	103		SW846 6020	05/09-05/21/08	KMPKW1AX
	3.4	1000	1070	ug/L	107	4.0	SW846 6020	05/09-05/21/08	KMPKW1A0
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 #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8E070251-001 Prep Batch #...: 8142068									
Mercury									
ND	1.00	0.915	ug/L	92			SW846 7470A	05/21/08	KMPMX1AX
ND	1.00	0.967	ug/L	97	5.5		SW846 7470A	05/21/08	KMPMX1A0
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 #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVR	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	---------------	-----------	---------------	-------	--------------	-----	--------	----------------------------	--------------

MS Lot-Sample #: F8E070256-001 Prep Batch #...: 8134342

Antimony

ND	250	231	ug/L	92			SW846 6010B	05/13-05/14/08	KMPNH1AW
ND	250	225	ug/L	90	2.6		SW846 6010B	05/13-05/14/08	KMPNH1AX

Dilution Factor: 1

Barium

31.3	1000	1020	ug/L	99			SW846 6010B	05/13-05/14/08	KMPNH1A0
31.3	1000	949	ug/L	92	7.5		SW846 6010B	05/13-05/14/08	KMPNH1A1

Dilution Factor: 1

Beryllium

ND	25.0	26.6	ug/L	106			SW846 6010B	05/13-05/14/08	KMPNH1A2
ND	25.0	24.7	ug/L	99	7.4		SW846 6010B	05/13-05/14/08	KMPNH1A3

Dilution Factor: 1

Cadmium

ND	25.0	24.7	ug/L	99			SW846 6010B	05/13-05/14/08	KMPNH1A4
ND	25.0	22.7	ug/L	91	8.3		SW846 6010B	05/13-05/14/08	KMPNH1A5

Dilution Factor: 1

Calcium

36000	25000	57500 D	ug/L	86			SW846 6010B	05/13-05/15/08	KMPNH1A6
36000	25000	61100 D	ug/L	100	6.0		SW846 6010B	05/13-05/15/08	KMPNH1A7

Dilution Factor: 2

Chromium

ND	100	99.5	ug/L	99			SW846 6010B	05/13-05/14/08	KMPNH1A8
ND	100	92.0	ug/L	92	7.8		SW846 6010B	05/13-05/14/08	KMPNH1A9

Dilution Factor: 1

Cobalt

ND	250	233	ug/L	93			SW846 6010B	05/13-05/14/08	KMPNH1CA
ND	250	217	ug/L	87	7.5		SW846 6010B	05/13-05/14/08	KMPNH1CC

Dilution Factor: 1

Copper

ND	125	117	ug/L	94			SW846 6010B	05/13-05/14/08	KMPNH1CD
ND	125	108	ug/L	86	7.8		SW846 6010B	05/13-05/14/08	KMPNH1CE

Dilution Factor: 1

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Iron									
	124	500	567	ug/L	88		SW846 6010B	05/13-05/15/08	KMPNH1CF
	124	500	617	ug/L	99	8.6	SW846 6010B	05/13-05/15/08	KMPNH1CG
Dilution Factor: 1									
Magnesium									
	9500	25000	34900	ug/L	102		SW846 6010B	05/13-05/14/08	KMPNH1CH
	9500	25000	32300	ug/L	91	7.8	SW846 6010B	05/13-05/14/08	KMPNH1CJ
Dilution Factor: 1									
Manganese									
	3.4	250	251	ug/L	99		SW846 6010B	05/13-05/14/08	KMPNH1CK
	3.4	250	234	ug/L	92	7.2	SW846 6010B	05/13-05/14/08	KMPNH1CL
Dilution Factor: 1									
Nickel									
	ND	250	238	ug/L	95		SW846 6010B	05/13-05/14/08	KMPNH1CM
	ND	250	220	ug/L	88	7.8	SW846 6010B	05/13-05/14/08	KMPNH1CN
Dilution Factor: 1									
Potassium									
	6810	12500	19900	ug/L	104		SW846 6010B	05/13-05/15/08	KMPNH1CP
	6810	12500	20100	ug/L	106	1.1	SW846 6010B	05/13-05/15/08	KMPNH1CQ
Dilution Factor: 1									
Silver									
	ND	25.0	24.2	ug/L	97		SW846 6010B	05/13-05/14/08	KMPNH1CR
	ND	25.0	22.5	ug/L	90	7.1	SW846 6010B	05/13-05/14/08	KMPNH1CT
Dilution Factor: 1									
Sodium									
	24600	12500	36700	ug/L	97		SW846 6010B	05/13-05/15/08	KMPNH1CU
	24600	12500	38700	ug/L	113	5.2	SW846 6010B	05/13-05/15/08	KMPNH1CV
Dilution Factor: 1									
Strontium									
	218	500	724 D	ug/L	101		SW846 6010B	05/13-05/15/08	KMPNH1CW
	218	500	773 D	ug/L	111	6.5	SW846 6010B	05/13-05/15/08	KMPNH1CX
Dilution Factor: 2									
Vanadium									
	13.6	250	261	ug/L	99		SW846 6010B	05/13-05/14/08	KMPNH1CO
	13.6	250	242	ug/L	91	7.9	SW846 6010B	05/13-05/14/08	KMPNH1C1
Dilution Factor: 1									

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL736

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	250	260	ug/L	104		SW846 6010B	05/13-05/14/08	KMPNH1C2
	ND	250	241	ug/L	96	7.6	SW846 6010B	05/13-05/14/08	KMPNH1C3

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.

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1TK88

General Chemistry

Lot-Sample #...: F8D290198-003

Work Order #...: KL7T8

Matrix.....: WATER

Date Sampled...: 04/28/08

Date Received...: 04/29/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity	135	5.0	mg/L	MCAWW 310.1	05/05/08	8126039
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TJH2

General Chemistry

Lot-Sample #....: F8D300323-001
Date Sampled....: 04/29/08

Work Order #....: KMA21
Date Received...: 04/30/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Oil and Grease (Gravimetric)	38.4	5.0	mg/L	MCAWW 413.1	05/27/08	8144411

Dilution Factor: 1

MDL.....: 0.50

Fluor Hanford Inc

Client Sample ID: B1TJH3

General Chemistry

Lot-Sample #...: F8D300323-002

Work Order #...: KMA22

Matrix.....: WATER

Date Sampled...: 04/29/08

Date Received...: 04/30/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	1.5 B	5.0	mg/L	MCAWW 413.1	05/27/08	8144411

Dilution Factor: 1

MDL.....: 0.50

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1V0F6

General Chemistry

Lot-Sample #...: F8E010282-001

Work Order #...: KMEND

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0F7

General Chemistry

Lot-Sample #....: F8E010282-002

Work Order #....: KMERF

Matrix.....: WATER

Date Sampled....: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0F8

General Chemistry

Lot-Sample #...: F8E010282-003

Work Order #...: KMERM

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0F9

General Chemistry

Lot-Sample #...: F8E010282-004
Date Sampled...: 04/30/08

Work Order #...: KMERV
Date Received...: 05/01/08

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
			Dilution Factor: 1	MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
			Dilution Factor: 1	MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V109

General Chemistry

Lot-Sample #....: F8E010282-006

Work Order #....: KMETT

Matrix.....: WATER

Date Sampled....: 04/30/08

Date Received...: 05/01/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	92.0	5.0	mg/L	MCAWW 310.1	05/05/08	8126039
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1V073

General Chemistry

Lot-Sample #...: F8E010282-007

Work Order #...: KMETX

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V074

General Chemistry

Lot-Sample #...: F8E010282-008

Work Order #...: KMET7

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.23 B	1.0	mg/L	SW846 9060	05/13/08	8133324
			Dilution Factor: 1	MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
			Dilution Factor: 1	MDL.....: 3.5		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1V075

General Chemistry

Lot-Sample #...: F8E010282-009

Work Order #...: KMET8

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V076

General Chemistry

Lot-Sample #...: F8E010282-010

Work Order #...: KMET9

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1TWH2

General Chemistry

Lot-Sample #...: F8E070244-006

Work Order #...: KMPK6

Matrix.....: WATER

Date Sampled...: 05/05/08

Date Received...: 05/07/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	93.0	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1VC38

General Chemistry

Lot-Sample #....: F8E070244-007

Work Order #....: KMPK7

Matrix.....: WATER

Date Sampled....: 05/05/08

Date Received...: 05/07/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	101	5.0	mg/L	MCANW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TWF6

General Chemistry

Lot-Sample #...: F8E070244-009
Date Sampled...: 05/06/08

Work Order #...: KMPLG
Date Received...: 05/07/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TWK3

General Chemistry

Lot-Sample #...: F8E070244-011

Work Order #...: KMPLV

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity	110	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		
Total Cyanide	155	5.0	ug/L	SW846 9012	05/09/08	8130074
		Dilution Factor: 1		MDL.....: 2.8		

Fluor Hanford Inc

Client Sample ID: B1TWD8

General Chemistry

Lot-Sample #...: F8E070244-013

Work Order #...: KMPL3

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	113	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TWF2

General Chemistry

Lot-Sample #...: F8E070244-015
Date Sampled...: 05/06/08

Work Order #...: KMPL6
Date Received...: 05/07/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	124	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TWJ9

General Chemistry

Lot-Sample #...: F8E070244-017

Work Order #...: KMPMA

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	81.0	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		
Total Cyanide	12.9	5.0	ug/L	SW846 9012	05/09/08	8130074
		Dilution Factor: 1		MDL.....: 2.8		

Fluor Hanford Inc

Client Sample ID: B1TWL5

General Chemistry

Lot-Sample #....: F8E070244-019

Work Order #....: KMPMD

Matrix.....: WATER

Date Sampled....: 05/06/08

Date Received...: 05/07/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Alkalinity	99.0	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TWL1

General Chemistry

Lot-Sample #....: F8E070244-021

Work Order #....: KMPMG

Matrix.....: WATER

Date Sampled...: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity	98.0	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1TX41

General Chemistry

Lot-Sample #....: F8E070244-023

Work Order #....: KMQQX

Matrix.....: WATER

Date Sampled....: 05/06/08

Date Received...: 05/07/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Cyanide	ND	5.0	ug/L	SW846 9012	05/09/08	8130074
		Dilution Factor: 1		MDL.....: 2.8		
Total Organic Carbon	0.28 B	1.0	mg/L	SW846 9060	05/15-	8136185
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

NOTE(S) :

RL Reporting Limit

B Estimated result. Result is less than RL.

Fluor Hanford Inc

Client Sample ID: B1VC49

General Chemistry

Lot-Sample #....: F8E080173-001

Work Order #....: KMR11

Matrix.....: WATER

Date Sampled....: 05/07/08

Date Received...: 05/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity	119	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1		MDL.....: 0.10		

Fluor Hanford Inc

Client Sample ID: B1VOW5

General Chemistry

Lot-Sample #...: F8E100177-001

Work Order #...: KM1DR

Matrix.....: WATER

Date Sampled...: 05/09/08

Date Received...: 05/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0W6

General Chemistry

Lot-Sample #....: F8E100177-002
Date Sampled....: 05/09/08

Work Order #....: KM1DT
Date Received...: 05/10/08

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0W7

General Chemistry

Lot-Sample #....: F8E100177-003

Work Order #....: KM1DV

Matrix.....: WATER

Date Sampled...: 05/09/08

Date Received...: 05/10/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1		MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1		MDL.....: 3.5		

Fluor Hanford Inc

Client Sample ID: B1V0W8

General Chemistry

Lot-Sample #....: F8E100177-004
Date Sampled....: 05/09/08

Work Order #....: KM1DW
Date Received...: 05/10/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
			Dilution Factor: 1	MDL.....: 0.20		
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
			Dilution Factor: 1	MDL.....: 3.5		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	ND	5.0	mg/L	MCAWW 413.1	05/27/08	8144411
		Dilution Factor: 1				
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/05/08	8126039
		Dilution Factor: 1				
Total Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/14/08	8135063
		Dilution Factor: 1				
Total Cyanide	ND	5.0	ug/L	SW846 9012	05/09/08	8130074
		Dilution Factor: 1				
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/13/08	8133324
		Dilution Factor: 1				
Total Organic Carbon	ND	1.0	mg/L	SW846 9060	05/15/08	8136185
		Dilution Factor: 1				
TOX	ND	5.0	ug/L	SW846 9020B	05/23/08	8140260
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon								
	6.00	6.08	mg/L	101		SW846 9060	05/13/08	8133324
	6.00	6.13	mg/L	102	0.91	SW846 9060	05/13/08	8133324
				Dilution Factor: 1				
Total Organic Carbon								
	6.00	6.13	mg/L	102		SW846 9060	05/15/08	8136185
	6.00	6.14	mg/L	102	0.16	SW846 9060	05/15/08	8136185
				Dilution Factor: 1				

NOTE(S) :

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL736

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	100	99.4	mg/L	99	MCAWW 413.1	05/27/08	8144411
Work Order #: KN17N1AC LCS Lot-Sample#: F8E230000-411 Dilution Factor: 1							
Total Alkalinity	200	204	mg/L	102	MCAWW 310.1	05/05/08	8126039
Work Order #: KMJM21AC LCS Lot-Sample#: F8E050000-039 Dilution Factor: 1							
Total Alkalinity	200	204	mg/L	102	MCAWW 310.1	05/14/08	8135063
Work Order #: KM5W71AC LCS Lot-Sample#: F8E140000-063 Dilution Factor: 1							
Total Cyanide	200	204	ug/L	102	SW846 9012	05/09/08	8130074
Work Order #: KMOV0K1AC LCS Lot-Sample#: F8E090000-074 Dilution Factor: 1							
Total Cyanide	400	397	ug/L	99	SW846 9012	05/09/08	8130074
Work Order #: KMOV0K1AD LCS Lot-Sample#: F8E090000-074 Dilution Factor: 1							
TOX	100	108	ug/L	108	SW846 9020B	05/23/08	8140260
Work Order #: KNWKX1AC LCS Lot-Sample#: F8E190000-260 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 #...: SL736

Matrix.....: WATER

Date Sampled...: 05/09/08

Date Received...: 05/13/08

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Alkalinity			WO#:	KLV421C8-MS/KLV421C9-MSD	MS Lot-Sample #:	F8D230347-010			
	129	100	218	mg/L	89		MCAWW 310.1	05/05/08	8126039
	129	100	219	mg/L	90	0.45	MCAWW 310.1	05/05/08	8126039

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 #....: SL736

Matrix.....: WATER

Date Sampled....: 04/29/08

Date Received...: 04/30/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Oil and Grease (Gravimetric)	38.4	100	170	mg/L	132	MCAWW 413.1	05/27/08	8144411
Work Order #....: KMA211AD MS Lot-Sample #: F8D300323-001								
Dilution Factor: 1								
Total Alkalinity	271	100	369	mg/L	98	MCAWW 310.1	05/14/08	8135063
Work Order #....: KM40D1DH MS Lot-Sample #: F8E130252-002								
Dilution Factor: 1								
Total Cyanide	155	200	362	ug/L	103	SW846 9012	05/09/08	8130074
Work Order #....: KMPLV1A1 MS Lot-Sample #: F8E070244-011								
Dilution Factor: 1								
Total Organic Carbon	ND	5.00	6.14	mg/L	123	SW846 9060	05/13/08	8133324
Work Order #....: KMA3E1AD MS Lot-Sample #: F8D300325-002								
Dilution Factor: 1								
Total Organic Carbon	ND	5.00	5.80	mg/L	116	SW846 9060	05/13/08	8133324
Work Order #....: KMEN91AD MS Lot-Sample #: F8E010284-001								
Dilution Factor: 1								
Total Organic Carbon	0.28	5.00	5.57	mg/L	106	SW846 9060	05/15-	8136185
Work Order #....: KMQQX1A8 MS Lot-Sample #: F8E070244-023								
Dilution Factor: 1								
Total Organic Carbon	0.22	5.00	5.49	mg/L	105	SW846 9060	05/15-	8136185
Work Order #....: KM4061AE MS Lot-Sample #: F8E130257-001								
Dilution Factor: 1								
TOX	ND	100	111	ug/L	111	SW846 9020B	05/23/08	8140260
Work Order #....: KMERF1AD MS Lot-Sample #: F8E010282-002								
Dilution Factor: 1								
TOX	ND	100	112	ug/L	112	SW846 9020B	05/23/08	8140260
Work Order #....: KM1DT1AD MS Lot-Sample #: F8E100177-002								
Dilution Factor: 1								

NOTE(S) :

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8D290198

Work Order #....: KMPLV-SMP

Matrix.....: WATER

KMPLV-DUP

Date Sampled....: 05/06/08

Date Received...: 05/07/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Cyanide	155	158	ug/L	1.6	(0-20)	SD Lot-Sample #: F8E070244-011 SW846 9012	05/09/08	8130074
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8D290198

Work Order #...: KMA3E-SMP
KMA3E-DUP

Matrix.....: WATER

Date Sampled...: 04/29/08

Date Received...: 04/30/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	ND	mg/L	0	(0-20)	SD Lot-Sample #: F8D300325-002 SW846 9060	05/13/08	8133324

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8D290198

Work Order #...: KMEN9-SMP
KMEN9-DUP

Matrix.....: WATER

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	ND	ND	mg/L	0	(0-20)	SD Lot-Sample #: F8E010284-001 SW846 9060	05/13/08	8133324

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8D290198

Work Order #....: KM40D-SMP
KM40D-DUP

Matrix.....: WATER

Date Sampled....: 05/09/08

Date Received...: 05/13/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Total Alkalinity	271	272	mg/L	0.37	(0-20)	SD Lot-Sample #: F8E130252-002 MCAWW 310.1	05/14/08	8135063
Dilution Factor: 1								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8D290198

Work Order #....: KMQQX-SMP

Matrix.....: WATER

KMQQX-DUP

Date Sampled....: 05/06/08

Date Received...: 05/07/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.28 B	ND	mg/L	200	(0-20)	SD Lot-Sample #: F8E070244-023 SW846 9060	05/15-	8136185
			Dilution Factor: 1					

NOTE(S) :

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

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8D290198

Work Order #...: KM406-SMP

Matrix.....: WATER

KM406-DUP

Date Sampled...: 05/09/08

Date Received...: 05/13/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	0.22 B	0.25 B	mg/L	14	(0-20)	SD Lot-Sample #: F8E130257-001 SW846 9060	05/15-	8136185
Dilution Factor: 1								

NOTE(S) :

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

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8D290198

Work Order #...: KMERF-SMP

Matrix.....: WATER

KMERF-DUP

Date Sampled...: 04/30/08

Date Received...: 05/01/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
TOX	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: F8E010282-002 SW846 9020B	05/23/08	8140260

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: F8D290198

Work Order #....: KMA21-SMP
KMA21-DUP

Matrix.....: WATER

Date Sampled....: 04/29/08

Date Received...: 04/30/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u> <u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Oil and Grease (Gravimetric)						SD Lot-Sample #: F8D300323-001		
	38.4	31.6	mg/L	19	(0-20)	MCAWW 413.1	05/27/08	8144411

Dilution Factor: 1