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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

I08-028

Lot #: F8C200217
SDG #: SL732

Steve Trent

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

TESTAMERICA LABORATORIES, INC.

Michael C. Franks
Project Manager

April 16, 2008

00000001

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

Fluor Hanford, Inc.
P.O. Box 1000
MSIN E6-35
Richland, Washington 99352
April 16, 2008
Attention: Steve Trent

SDG	: SL732
Number of Samples	: 27 samples
Sample Matrix	: water
Data Deliverable	: Summary
Date SDG Closed	: April 3, 2008

II. Introduction

Between between March 20, 2008 and April 2, 2008, twenty seven (27) 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.

The container for Mercury analysis for sample B1TM95 for SAF W08-003 was received broken on March 29, 2008. The analysis was canceled per Issue Resolution Form (IRF) 08-036. The IRF is included with this report.

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: I08-028, S08-003, W08-003, and S08-012

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.

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

Fluor Hanford Inc.
April 16, 2008
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MS/MSD/Dup analysis was done per the client requirements. Analytical batches that did not contain matrix QC were analyzed with a LCS/LCS duplicate.

Volatiles

Batch: 8085137

The LCS/LCSD RPD for 1,4-Dioxane is not within method acceptance criteria. LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8C200217 (2): B1TJP7
F8C200222 (1): B1TT68

Batch: 8088248

The LCS/LCSD RPD for 1-Butanol is not within method acceptance criteria. LCS/LCSD recoveries are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8C260271 (1): B1TT69
F8C260274 (2): B1TJT8
F8C260274 (4): B1TJV6

The MS recovery for Methylene chloride is outside the upper QC limit; the MS/MSD RPDs for Acetone and Methylene chloride are outside of the QC limits. The recoveries and RPDs in the LCS/LCSD are within the QC limits for these analytes demonstrating good extraction performance.
Affected Samples:
F8C260271 (1): B1TT69
F8C260274 (2): B1TJT8
F8C260274 (4): B1TJV6

Batch: 8092133

The D% CCV is (higher recovered) outside the Method criteria (greater than 20% D) for the following 2-Butanone (29.1%), indicating a potential high bias for this analyte in the samples associated with this CCV. This analyte is not detected above the reporting limit in the associated samples.
Affected Samples:
F8C290129 (2): B1TJR4
F8C290129 (3): B1TJW2
F8C290133 (1): B1TT70

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April 16, 2008
SDG: SL732

The MS/MSD RPDs for Ethyl Acetate is not within method acceptance criteria. The recoveries in MS/MSD are within QC limits demonstrating good extraction performance in the sample matrix.
Affected Samples:
F8C290129 (2): B1TJR4
F8C290129 (3): B1TJW2
F8C290133 (1): B1TT70

Phenols

Batch: 8091233

The opening CCV surrogate recovery for OCAL158 was outside the upper QC limit (greater than 15%D) for 2,4,6-Tribromophenol indicating a potential high bias for this analyte in the associated samples. The surrogate recoveries for the samples associated with this CCV were within acceptable QC limits.
Affected Samples:
F8C270216 (2): B1TM79
F8C270216 (4): B1TM75
F8C270216 (6): B1TMF1
F8C270216 (8): B1TM63
F8C290135 (2): B1TM51
F8C290135 (4): B1TM95

The opening/closing CCV recovery for OCAL169 was outside the upper QC limit (greater than 15% RSD) for Phenol, 2-Chlorophenol, o-Cresol, m,p-Cresol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, 2,6-Dichlorophenol, 4-Chloro-3-MethylPhenol, 4-Nitrophenol and Pentachlorophenol indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples. The CCV surrogate recovery for 2,4,6-Tribromophenol is outside the upper QC limits. The surrogate recoveries for the samples associated with this CCV were within acceptable QC limits.
Affected Samples:
F8C270216 (2): B1TM79
F8C270216 (4): B1TM75
F8C270216 (6): B1TMF1
F8C270216 (8): B1TM63
F8C290135 (2): B1TM51
F8C290135 (4): B1TM95
F8C290135 (6): B1TMB7

The closing CCV recovery for OCAL171 was outside the upper QC limit (greater than 15% RSD) for 2-Nitrophenol and 4-Nitrophenol indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit in the associated samples. The CCV surrogate recovery for 2,4,6-Tribromophenol is outside the upper QC limit. The surrogate recoveries for the samples associated with this CCV were within acceptable QC limits.
Affected Samples:
F8C290135 (6): B1TMB7

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THE LEADER IN ENVIRONMENTAL TESTING

Fluor Hanford Inc.

April 16, 2008
SDG: SL732

Pesticides

Batch: 8094204

Due to receiving insufficient sample volume, the laboratory performed the Matrix Spike/Matrix Spike Duplicate was extracted using half the normal sample volume.
Affected Samples:
F8D020342 (1): B1RDV2

There were no observations or nonconformances for the following methods:

Mercury
Sulfide
Total Phenol

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

Reviewed and approved:

Michael Franks
St. Louis Project Manager

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

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

PNNL TRACKING NUMBER: 08-036

Date: April 13 2008 SAF Nos. W08-003

SDG: **SL7302** LOGIN No.: **F8C290135** TEST: Mercury

Sample No.(s) B1TM95

Submitted By: Mike Franks Submitted To: Heidi Hampt

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

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

ISSUE	PROPOSED RESOLUTION
The container received for Mercury analysis was received broken	1) Cancel analysis.

BHI/WMH/PNNL COMMENTS
Accept proposed resolution.

Heidi Hampt 4/15/08
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL732

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Organochlorine Pesticides	SW846 8081A	SW846 3520C
Phenolics	MCAWW 420.2	MCAWW 420.2
Phenols by GC	SW846 8040A	SW846 3520
Sulfide	SW846 9030	
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

SL732 : F8C200217

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJXK6	001	B1TJP6	03/17/08	12:55
KJXLC	002	B1TJP7	03/17/08	12:55

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

SL732 : F8C200222

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJXLM	001	B1TT68	03/17/08	12:55

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL732 : F8C260271

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJ8RH	001	B1TT69	03/24/08	12:25

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL732 : F8C260274

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJ8RX	001	B1TJT7	03/24/08	12:25
KJ8TN	002	B1TJT8	03/24/08	12:25
KJ8TX	003	B1TJV5	03/24/08	09:44
KJ8T0	004	B1TJV6	03/24/08	09:44

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL732 : F8C270216

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKALL	001	B1TM78	03/25/08	08:00
KKALP	002	B1TM79	03/25/08	08:00
KKALX	003	B1TM74	03/25/08	15:14
KKAL0	004	B1TM75	03/25/08	15:14
KKAL2	005	B1TMF0	03/25/08	10:14
KKAL3	006	B1TMF1	03/25/08	10:14
KKAML	007	B1TM62	03/25/08	13:30
KKAMM	008	B1TM63	03/25/08	13:30

NOTE(S):

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- 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

SL732 : F8C290129

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKE9W	001	B1TJR3	03/27/08	11:08
KKE92	002	B1TJR4	03/27/08	11:08
KKFAM	003	B1TJW2	03/27/08	08:30

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL732 : F8C290133

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKFA3	001	B1TT70	03/27/08	08:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
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- 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.

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SAMPLE SUMMARY

SL732 : F8C290135

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKFA8	001	B1TM50	03/27/08	12:31
KKFA9	002	B1TM51	03/27/08	12:31
KKFCD	003	B1TM94	03/27/08	13:34
KKFCF	004	B1TM95	03/27/08	13:34
KKFCH	005	B1TMB6	03/27/08	12:30
KKFCK	006	B1TMB7	03/27/08	12:30

NOTE(S):

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

(Continued on next page)

SAMPLE SUMMARY

SL732 : F8D020342

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKLTM	001	B1RDV2	03/30/08	13:48

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.

GC/MS
VOLATILES

Fluor Hanford Inc

Client Sample ID: B1TJP7

GC/MS Volatiles

Lot-Sample #...: F8C200217-002 **Work Order #...:** KJXLC1AD **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08
Prep Date.....: 03/21/08 **Analysis Date..:** 03/24/08
Prep Batch #...: 8085137
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
Ethyl acetate	ND	2.0	ug/L	0.44
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	**0.54 J**	**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	**6.4**	**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	114	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	102	(63 - 133)
4-Bromofluorobenzene	111	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TJP7

GC/MS Volatiles

Lot-Sample #: F8C200217-002 **Work Order #:** KJXLC1AD **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: B1TT68

GC/MS Volatiles

Lot-Sample #...: F8C200222-001 **Work Order #...:** KJXLM1AC **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08
Prep Date.....: 03/21/08 **Analysis Date..:** 03/24/08
Prep Batch #...: 8085137
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	**3.3 B**	**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	103	(70 - 124)
1,2-Dichloroethane-d4	101	(63 - 133)
4-Bromofluorobenzene	100	(66 - 115)

NOTE(S):

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

Fluor Hanford Inc

B1TT68

GC/MS Volatiles

Lot-Sample #: F8C200222-001 **Work Order #:** KJXLM1AC **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: B1TT69

GC/MS Volatiles

Lot-Sample #...: F8C260271-001 **Work Order #...:** KJ8RH1AC **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08
Prep Date.....: 03/26/08 **Analysis Date..:** 03/26/08
Prep Batch #...: 8088248
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	**3.0**	**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	94	(70 - 119)
Dibromofluoromethane	99	(70 - 124)
1,2-Dichloroethane-d4	97	(63 - 133)
4-Bromofluorobenzene	100	(66 - 115)

Fluor Hanford Inc

B1TT69

GC/MS Volatiles

Lot-Sample #: F8C260271-001 **Work Order #:** KJ8RH1AC **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: B1TJT8

GC/MS Volatiles

Lot-Sample #...: F8C260274-002 **Work Order #...:** KJ8TN1AD **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08
Prep Date.....: 03/26/08 **Analysis Date..:** 03/26/08
Prep Batch #...: 8088248
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
Ethyl acetate	ND	2.0	ug/L	0.44
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	**1.7**	**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	**44**	**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	93	(70 - 119)
Dibromofluoromethane	106	(70 - 124)
1,2-Dichloroethane-d4	97	(63 - 133)
4-Bromofluorobenzene	97	(66 - 115)

Fluor Hanford Inc

B1TJT8

GC/MS Volatiles

Lot-Sample #: F8C260274-002 **Work Order #:** KJ8TN1AD **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: B1TJV6

GC/MS Volatiles

Lot-Sample #...: F8C260274-004 **Work Order #...:** KJ8T01AD **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08
Prep Date.....: 03/26/08 **Analysis Date..:** 03/26/08
Prep Batch #...: 8088248
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
Ethyl acetate	ND	2.0	ug/L	0.44
Vinyl chloride	ND	2.0	ug/L	0.13
Acetone	ND	2.0	ug/L	0.56
Methylene chloride	**1.6**	**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	**0.16 J**	**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	100	(70 - 124)
1,2-Dichloroethane-d4	99	(63 - 133)
4-Bromofluorobenzene	99	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TJV6

GC/MS Volatiles

Lot-Sample #: F8C260274-004 **Work Order #:** KJ8T01AD **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: B1TJR4

GC/MS Volatiles

Lot-Sample #...: F8C290129-002 **Work Order #...:** KKE921AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 03/31/08
Prep Batch #...: 8092133
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
Ethyl acetate	ND	2.0	ug/L	0.44
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	**0.99 J**	**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	**9.2**	**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	93	(70 - 119)
Dibromofluoromethane	99	(70 - 124)
1,2-Dichloroethane-d4	98	(63 - 133)
4-Bromofluorobenzene	94	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TJR4

GC/MS Volatiles

Lot-Sample #: F8C290129-002 **Work Order #:** KKE921AC **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: B1TJW2

GC/MS Volatiles

Lot-Sample #...: F8C290129-003 **Work Order #...:** KKFAM1AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 03/31/08
Prep Batch #...: 8092133
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
Ethyl acetate	ND	2.0	ug/L	0.44
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	**0.56 J**	**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	**14**	**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	98	(70 - 124)
1,2-Dichloroethane-d4	96	(63 - 133)
4-Bromofluorobenzene	96	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TJW2

GC/MS Volatiles

Lot-Sample #: F8C290129-003 **Work Order #:** KKFAM1AC **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: B1TT70

GC/MS Volatiles

Lot-Sample #...: F8C290133-001 **Work Order #...:** KKFA31AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 03/31/08
Prep Batch #...: 8092133
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	**0.53 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	94	(70 - 119)
Dibromofluoromethane	93	(70 - 124)
1,2-Dichloroethane-d4	96	(63 - 133)
4-Bromofluorobenzene	98	(66 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

Fluor Hanford Inc

B1TT70

GC/MS Volatiles

Lot-Sample #: F8C290133-001 **Work Order #:** KKFA31AC **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 #...: SL732 **Work Order #...:** KJ48V1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C250000-137

Prep Date.....: 03/21/08
Analysis Date..: 03/24/08 **Prep Batch #...:** 8085137
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	**0.11 J**	**1.0**	**ug/L**	**SW846 8260B**
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1-Butanol	ND	40	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(70 - 119)
Dibromofluoromethane	100	(70 - 124)
1,2-Dichloroethane-d4	98	(63 - 133)
4-Bromofluorobenzene	99	(66 - 115)

NOTE(S):

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

J Estimated result. Result is less than RL.

Fluor Hanford Inc

Method Blank Report

GC/MS Volatiles

Lot-Sample #: F8C250000-137 B **Work Order #:** KJ48V1AA **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 #...: SL732 **Work Order #...:** KKDX41AA **Matrix.....:** WATER
MB Lot-Sample #: F8C280000-248

Prep Date.....: 03/26/08
Analysis Date..: 03/26/08 **Prep Batch #...:** 8088248
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	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	91	(70 - 119)
Dibromofluoromethane	103	(70 - 124)
1,2-Dichloroethane-d4	102	(63 - 133)
4-Bromofluorobenzene	99	(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 #: F8C280000-248 B **Work Order #:** KKDX41AA **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 #...: SL732 **Work Order #...:** KKHJ21AA **Matrix.....:** WATER
MB Lot-Sample #: F8D010000-133

Prep Date.....: 03/31/08
Analysis Date..: 03/31/08 **Prep Batch #...:** 8092133
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	80	ug/L	SW846 8260B
Ethyl acetate	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Methylene chloride	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	102	(70 - 124)
1,2-Dichloroethane-d4	100	(63 - 133)
4-Bromofluorobenzene	103	(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 #: F8D010000-133 B **Work Order #:** KKHJ21AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 Work Order #...: KJ48V1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8C250000-137 KJ48V1AD-LCSD
Prep Date.....: 03/21/08 Analysis Date..: 03/24/08
Prep Batch #...: 8085137
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Ethyl acetate	20.0	20.1	ug/L	100		SW846 8260B
	20.0	22.2	ug/L	111	9.9	SW846 8260B
1,4-Dioxane	200	154	ug/L	77		SW846 8260B
	200	206 p	ug/L	103	29	SW846 8260B
1,1-Dichloroethene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.4	ug/L	104	2.9	SW846 8260B
Ethylbenzene	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.3	ug/L	103	2.4	SW846 8260B
Vinyl chloride	10.0	11.6	ug/L	116		SW846 8260B
	10.0	11.6	ug/L	116	0.43	SW846 8260B
Acetone	10.0	9.79	ug/L	98		SW846 8260B
	10.0	9.83	ug/L	98	0.36	SW846 8260B
Methylene chloride	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.5	ug/L	105	3.2	SW846 8260B
Carbon disulfide	10.0	10.2	ug/L	102		SW846 8260B
	10.0	10.2	ug/L	102	0.090	SW846 8260B
1,1-Dichloroethane	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.4	ug/L	104	1.1	SW846 8260B
2-Butanone	10.0	9.12	ug/L	91		SW846 8260B
	10.0	9.43	ug/L	94	3.4	SW846 8260B
Chloroform	10.0	9.46	ug/L	95		SW846 8260B
	10.0	9.85	ug/L	99	4.1	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.98	ug/L	100		SW846 8260B
	10.0	10.1	ug/L	101	1.5	SW846 8260B
Propionitrile	50.0	45.2	ug/L	90		SW846 8260B
	50.0	49.9	ug/L	100	9.9	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.6	ug/L	106	0.28	SW846 8260B
1,1,1-Trichloroethane	10.0	9.96	ug/L	100		SW846 8260B
	10.0	10.1	ug/L	101	1.3	SW846 8260B
Carbon tetrachloride	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.79	ug/L	98	0.67	SW846 8260B
1,2-Dichloroethane	10.0	9.33	ug/L	93		SW846 8260B
	10.0	10.0	ug/L	100	7.1	SW846 8260B
Benzene	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.3	ug/L	103	1.8	SW846 8260B
Trichloroethene	10.0	9.82	ug/L	98		SW846 8260B
	10.0	10.0	ug/L	100	2.2	SW846 8260B
4-Methyl-2-pentanone	10.0	9.58	ug/L	96		SW846 8260B
	10.0	10.3	ug/L	103	7.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KJ48V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C250000-137 KJ48V1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**9.45**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.89**	**ug/L**	**99**	**4.6**	**SW846 8260B**
Tetrachloroethene	**10.0**	**8.80**	**ug/L**	**88**		**SW846 8260B**
	10.0	**8.62**	**ug/L**	**86**	**2.1**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**50.0**	**ug/L**	**100**		**SW846 8260B**
	50.0	**56.9**	**ug/L**	**114**	**13**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.35**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.46**	**ug/L**	**95**	**1.1**	**SW846 8260B**
1-Butanol	**100**	**85.0**	**ug/L**	**85**		**SW846 8260B**
	100	**96.9**	**ug/L**	**97**	**13**	**SW846 8260B**
Toluene	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	10.0	**10.3**	**ug/L**	**103**	**1.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(84 - 115)
	96	(84 - 115)
Dibromofluoromethane	92	(81 - 115)
	96	(81 - 115)
1,2-Dichloroethane-d4	86	(71 - 127)
	92	(71 - 127)
4-Bromofluorobenzene	92	(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.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 Work Order #...: KKDX41AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8C280000-248 KKDX41AD-LCSD
Prep Date.....: 03/26/08 Analysis Date..: 03/26/08
Prep Batch #...: 8088248
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.2	ug/L	102	1.4	SW846 8260B
Ethylbenzene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.4	ug/L	104	0.96	SW846 8260B
Ethyl acetate	20.0	21.2	ug/L	106		SW846 8260B
	20.0	20.0	ug/L	100	5.8	SW846 8260B
1,4-Dioxane	200	202	ug/L	101		SW846 8260B
	200	227	ug/L	113	12	SW846 8260B
Vinyl chloride	10.0	10.5	ug/L	105		SW846 8260B
	10.0	11.1	ug/L	111	5.4	SW846 8260B
Acetone	10.0	8.59	ug/L	86		SW846 8260B
	10.0	8.61	ug/L	86	0.17	SW846 8260B
Methylene chloride	10.0	11.3	ug/L	113		SW846 8260B
	10.0	10.9	ug/L	109	3.7	SW846 8260B
Carbon disulfide	10.0	10.0	ug/L	100		SW846 8260B
	10.0	9.98	ug/L	100	0.29	SW846 8260B
1,1-Dichloroethane	10.0	10.6	ug/L	106		SW846 8260B
	10.0	10.4	ug/L	104	2.3	SW846 8260B
2-Butanone	10.0	8.79	ug/L	88		SW846 8260B
	10.0	9.62	ug/L	96	9.0	SW846 8260B
Chloroform	10.0	9.85	ug/L	99		SW846 8260B
	10.0	9.84	ug/L	98	0.060	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.3	ug/L	103		SW846 8260B
	10.0	10.0	ug/L	100	2.6	SW846 8260B
Propionitrile	50.0	46.3	ug/L	93		SW846 8260B
	50.0	46.5	ug/L	93	0.58	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.2	ug/L	102		SW846 8260B
	10.0	9.82	ug/L	98	3.6	SW846 8260B
1,1,1-Trichloroethane	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.63	ug/L	96	0.67	SW846 8260B
Carbon tetrachloride	10.0	9.55	ug/L	96		SW846 8260B
	10.0	9.22	ug/L	92	3.6	SW846 8260B
1,2-Dichloroethane	10.0	9.84	ug/L	98		SW846 8260B
	10.0	9.49	ug/L	95	3.6	SW846 8260B
Benzene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.2	ug/L	102	1.6	SW846 8260B
Trichloroethene	10.0	9.82	ug/L	98		SW846 8260B
	10.0	9.45	ug/L	94	3.9	SW846 8260B
4-Methyl-2-pentanone	10.0	10.0	ug/L	100		SW846 8260B
	10.0	10.1	ug/L	101	0.69	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KKDX41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8C280000-248 KKDX41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**9.98**	**ug/L**	**100**		**SW846 8260B**
	10.0	**10.0**	**ug/L**	**100**	**0.20**	**SW846 8260B**
Tetrachloroethene	**10.0**	**8.51**	**ug/L**	**85**		**SW846 8260B**
	10.0	**8.19**	**ug/L**	**82**	**3.8**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**51.0**	**ug/L**	**102**		**SW846 8260B**
	50.0	**53.0**	**ug/L**	**106**	**3.7**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.58**	**ug/L**	**96**		**SW846 8260B**
	10.0	**9.28**	**ug/L**	**93**	**3.1**	**SW846 8260B**
1-Butanol	**100**	**93.3**	**ug/L**	**93**		**SW846 8260B**
	100	**117 p**	**ug/L**	**117**	**23**	**SW846 8260B**
Toluene	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	10.0	**10.4**	**ug/L**	**104**	**0.48**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(84 - 115)
	98	(84 - 115)
Dibromofluoromethane	93	(81 - 115)
	96	(81 - 115)
1,2-Dichloroethane-d4	89	(71 - 127)
	91	(71 - 127)
4-Bromofluorobenzene	93	(74 - 117)
	95	(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 #...: SL732 Work Order #...: KKHJ21AC-LCS Matrix.....: WATER
LCS Lot-Sample#: F8D010000-133 KKHJ21AD-LCSD
Prep Date.....: 03/31/08 Analysis Date..: 03/31/08
Prep Batch #...: 8092133
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	10.5	ug/L	105		SW846 8260B
	10.0	10.1	ug/L	101	3.8	SW846 8260B
Ethylbenzene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.4	ug/L	104	0.090	SW846 8260B
Ethyl acetate	20.0	19.3	ug/L	96		SW846 8260B
	20.0	20.4	ug/L	102	5.8	SW846 8260B
1,4-Dioxane	200	192	ug/L	96		SW846 8260B
	200	189	ug/L	95	1.4	SW846 8260B
Vinyl chloride	10.0	11.2	ug/L	112		SW846 8260B
	10.0	11.5	ug/L	115	2.0	SW846 8260B
Acetone	10.0	9.21	ug/L	92		SW846 8260B
	10.0	8.59	ug/L	86	7.0	SW846 8260B
Methylene chloride	10.0	9.68	ug/L	97		SW846 8260B
	10.0	9.27	ug/L	93	4.3	SW846 8260B
Carbon disulfide	10.0	9.70	ug/L	97		SW846 8260B
	10.0	9.52	ug/L	95	1.9	SW846 8260B
1,1-Dichloroethane	10.0	10.1	ug/L	101		SW846 8260B
	10.0	10.2	ug/L	102	1.1	SW846 8260B
2-Butanone	10.0	9.12	ug/L	91		SW846 8260B
	10.0	8.92	ug/L	89	2.1	SW846 8260B
Chloroform	10.0	9.52	ug/L	95		SW846 8260B
	10.0	9.88	ug/L	99	3.6	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.83	ug/L	98		SW846 8260B
	10.0	9.57	ug/L	96	2.7	SW846 8260B
Propionitrile	50.0	43.8	ug/L	88		SW846 8260B
	50.0	44.8	ug/L	90	2.2	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.4	ug/L	104		SW846 8260B
	10.0	10.2	ug/L	102	2.3	SW846 8260B
1,1,1-Trichloroethane	10.0	9.78	ug/L	98		SW846 8260B
	10.0	10.0	ug/L	100	2.7	SW846 8260B
Carbon tetrachloride	10.0	9.66	ug/L	97		SW846 8260B
	10.0	9.92	ug/L	99	2.6	SW846 8260B
1,2-Dichloroethane	10.0	9.28	ug/L	93		SW846 8260B
	10.0	9.45	ug/L	95	1.8	SW846 8260B
Benzene	10.0	9.92	ug/L	99		SW846 8260B
	10.0	10.1	ug/L	101	1.7	SW846 8260B
Trichloroethene	10.0	9.72	ug/L	97		SW846 8260B
	10.0	9.66	ug/L	97	0.55	SW846 8260B
4-Methyl-2-pentanone	10.0	8.97	ug/L	90		SW846 8260B
	10.0	9.73	ug/L	97	8.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KKHJ21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8D010000-133 KKHJ21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2-Trichloroethane	**10.0**	**9.40**	**ug/L**	**94**		**SW846 8260B**
	10.0	**9.51**	**ug/L**	**95**	**1.2**	**SW846 8260B**
Tetrachloroethene	**10.0**	**8.68**	**ug/L**	**87**		**SW846 8260B**
	10.0	**10.3**	**ug/L**	**103**	**17**	**SW846 8260B**
Tetrahydrofuran	**50.0**	**48.4**	**ug/L**	**97**		**SW846 8260B**
	50.0	**52.4**	**ug/L**	**105**	**8.0**	**SW846 8260B**
1,4-Dichlorobenzene	**10.0**	**9.21**	**ug/L**	**92**		**SW846 8260B**
	10.0	**9.39**	**ug/L**	**94**	**1.9**	**SW846 8260B**
1-Butanol	**100**	**85.4**	**ug/L**	**85**		**SW846 8260B**
	100	**96.0**	**ug/L**	**96**	**12**	**SW846 8260B**
Toluene	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**1.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(84 - 115)
	98	(84 - 115)
Dibromofluoromethane	92	(81 - 115)
	93	(81 - 115)
1,2-Dichloroethane-d4	84	(71 - 127)
	88	(71 - 127)
4-Bromofluorobenzene	94	(74 - 117)
	97	(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 #...: SL732 Work Order #...: KJXLC1AJ-MS Matrix.....: WATER
MS Lot-Sample #: F8C200217-002 KJXLC1AK-MSD
Date Sampled...: 03/17/08 Date Received..: 03/20/08
Prep Date.....: 03/21/08 Analysis Date..: 03/24/08
Prep Batch #...: 8085137
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	10.8	ug/L	108		SW846 8260B
	ND	10.0	9.54	ug/L	95	13	SW846 8260B
Ethylbenzene	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	9.54	ug/L	95	9.2	SW846 8260B
Ethyl acetate	ND	20.0	18.5	ug/L	92		SW846 8260B
	ND	20.0	16.8	ug/L	84	9.8	SW846 8260B
1,4-Dioxane	ND	200	171	ug/L	85		SW846 8260B
	ND	200	164	ug/L	82	3.7	SW846 8260B
Vinyl chloride	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	10.5	ug/L	105	4.0	SW846 8260B
Acetone	ND	10.0	8.29	ug/L	83		SW846 8260B
	ND	10.0	9.36	ug/L	94	12	SW846 8260B
Methylene chloride	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.29	ug/L	93	8.9	SW846 8260B
Carbon disulfide	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	9.13	ug/L	91	14	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	9.76	ug/L	98	11	SW846 8260B
2-Butanone	ND	10.0	8.85	ug/L	89		SW846 8260B
	ND	10.0	8.46	ug/L	85	4.6	SW846 8260B
Chloroform	0.54	10.0	10.7	ug/L	102		SW846 8260B
	0.54	10.0	9.74	ug/L	92	9.5	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.24	ug/L	92	10	SW846 8260B
Propionitrile	ND	50.0	50.4	ug/L	101		SW846 8260B
	ND	50.0	42.8	ug/L	86	16	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.64	ug/L	96	4.9	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	9.11	ug/L	91	11	SW846 8260B
Carbon tetrachloride	6.4	10.0	16.2	ug/L	98		SW846 8260B
	6.4	10.0	14.8	ug/L	84	9.2	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	9.33	ug/L	93	9.6	SW846 8260B
Benzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	9.58	ug/L	96	11	SW846 8260B
Trichloroethene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.08	ug/L	91	11	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	9.32	ug/L	93		SW846 8260B
	ND	10.0	9.47	ug/L	95	1.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KJXLC1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C200217-002 KJXLC1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**9.18**	**ug/L**	**92**	**9.9**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**8.59**	**ug/L**	**86**		**SW846 8260B**
	ND	**10.0**	**7.72**	**ug/L**	**77**	**11**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**51.7**	**ug/L**	**103**		**SW846 8260B**
	ND	**50.0**	**43.0**	**ug/L**	**86**	**18**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**9.39**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**8.36**	**ug/L**	**84**	**12**	**SW846 8260B**
1-Butanol	**ND**	**100**	**74.1**	**ug/L**	**74**		**SW846 8260B**
	ND	**100**	**79.5**	**ug/L**	**80**	**7.1**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**9.41**	**ug/L**	**94**	**12**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(70 - 119)
	88	(70 - 119)
Dibromofluoromethane	97	(70 - 124)
	87	(70 - 124)
1,2-Dichloroethane-d4	95	(63 - 133)
	85	(63 - 133)
4-Bromofluorobenzene	98	(66 - 115)
	88	(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 #...: SL732 Work Order #...: KJXLM1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8C200222-001 KJXLM1AE-MSD
Date Sampled...: 03/17/08 Date Received..: 03/20/08
Prep Date.....: 03/21/08 Analysis Date..: 03/24/08
Prep Batch #...: 8085137
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.2	ug/L	112	0.17	SW846 8260B
Ethylbenzene	ND	10.0	8.98	ug/L	90		SW846 8260B
	ND	10.0	9.13	ug/L	91	1.7	SW846 8260B
Ethyl acetate		20.0	21.6	ug/L	108		SW846 8260B
		20.0	21.3	ug/L	107	1.2	SW846 8260B
1,4-Dioxane	ND	200	213	ug/L	106		SW846 8260B
	ND	200	210	ug/L	105	1.3	SW846 8260B
Vinyl chloride	ND	10.0	12.2	ug/L	122		SW846 8260B
	ND	10.0	11.9	ug/L	119	1.9	SW846 8260B
Acetone	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.58	ug/L	96	5.6	SW846 8260B
Methylene chloride	3.3	10.0	13.4	ug/L	101		SW846 8260B
	3.3	10.0	13.2	ug/L	99	1.3	SW846 8260B
Carbon disulfide	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.0	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.2	ug/L	112	0.98	SW846 8260B
2-Butanone	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	9.31	ug/L	93	12	SW846 8260B
Chloroform	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	10.7	ug/L	107	0.0	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.27	SW846 8260B
Propionitrile	ND	50.0	53.4	ug/L	107		SW846 8260B
	ND	50.0	47.0	ug/L	94	13	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.8	ug/L	108	2.4	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.8	ug/L	108	1.9	SW846 8260B
Carbon tetrachloride	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.8	ug/L	108	1.9	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	10.5	ug/L	105	1.6	SW846 8260B
Benzene	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.73	SW846 8260B
Trichloroethene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.7	ug/L	107	3.1	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.86	ug/L	79		SW846 8260B
	ND	10.0	8.58	ug/L	86	8.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KJXLM1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C200222-001 KJXLM1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**8.32**	**ug/L**	**83**		**SW846 8260B**
	ND	**10.0**	**8.53**	**ug/L**	**85**	**2.5**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**7.20**	**ug/L**	**72**		**SW846 8260B**
	ND	**10.0**	**7.22**	**ug/L**	**72**	**0.26**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**53.6**	**ug/L**	**107**		**SW846 8260B**
	ND	**50.0**	**53.3**	**ug/L**	**107**	**0.65**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**7.53**	**ug/L**	**75**		**SW846 8260B**
	ND	**10.0**	**7.80**	**ug/L**	**78**	**3.6**	**SW846 8260B**
1-Butanol	**ND**	**100**	**101**	**ug/L**	**101**		**SW846 8260B**
	ND	**100**	**106**	**ug/L**	**106**	**5.2**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.83**	**ug/L**	**88**		**SW846 8260B**
	ND	**10.0**	**8.96**	**ug/L**	**90**	**1.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	87	(70 - 119)
	89	(70 - 119)
Dibromofluoromethane	102	(70 - 124)
	102	(70 - 124)
1,2-Dichloroethane-d4	95	(63 - 133)
	94	(63 - 133)
4-Bromofluorobenzene	95	(66 - 115)
	100	(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 #...: SL732 Work Order #...: KJ8T01AG-MS Matrix.....: WATER
MS Lot-Sample #: F8C260274-004 KJ8T01AH-MSD
Date Sampled...: 03/24/08 Date Received..: 03/26/08
Prep Date.....: 03/26/08 Analysis Date..: 03/26/08
Prep Batch #...: 8088248
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	11.5	ug/L	115	2.9	SW846 8260B
Ethylbenzene	ND	10.0	9.01	ug/L	90		SW846 8260B
	ND	10.0	9.25	ug/L	92	2.6	SW846 8260B
Ethyl acetate	ND	20.0	21.2	ug/L	106		SW846 8260B
	ND	20.0	21.6	ug/L	108	1.8	SW846 8260B
1,4-Dioxane	ND	200	216	ug/L	108		SW846 8260B
	ND	200	203	ug/L	101	6.5	SW846 8260B
Vinyl chloride	ND	10.0	11.7	ug/L	117		SW846 8260B
	ND	10.0	12.9	ug/L	129	9.8	SW846 8260B
Acetone	ND	10.0	7.81	ug/L	78		SW846 8260B
	ND	10.0	10.6	ug/L	106 p	30	SW846 8260B
Methylene chloride	1.6	10.0	19.7	ug/L	181 a		SW846 8260B
	1.6	10.0	12.1	ug/L	105 p	48	SW846 8260B
Carbon disulfide	ND	10.0	10.9	ug/L	109		SW846 8260B
	ND	10.0	11.4	ug/L	114	4.6	SW846 8260B
1,1-Dichloroethane	ND	10.0	11.3	ug/L	113		SW846 8260B
	ND	10.0	11.9	ug/L	119	4.7	SW846 8260B
2-Butanone	ND	10.0	9.74	ug/L	97		SW846 8260B
	ND	10.0	9.60	ug/L	96	1.4	SW846 8260B
Chloroform	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	10.9	ug/L	109	3.6	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.3	ug/L	113	4.8	SW846 8260B
Propionitrile	ND	50.0	46.6	ug/L	93		SW846 8260B
	ND	50.0	48.0	ug/L	96	3.0	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.7	ug/L	117	8.4	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	10.5	ug/L	105		SW846 8260B
	ND	10.0	11.1	ug/L	111	4.9	SW846 8260B
Carbon tetrachloride	0.16	10.0	10.3	ug/L	102		SW846 8260B
	0.16	10.0	10.8	ug/L	106	4.4	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.6	ug/L	106	3.4	SW846 8260B
Benzene	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	11.4	ug/L	114	2.4	SW846 8260B
Trichloroethene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.0	ug/L	110	3.5	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	7.70	ug/L	77		SW846 8260B
	ND	10.0	7.83	ug/L	78	1.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KJ8T01AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C260274-004 KJ8T01AH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**8.37**	**ug/L**	**84**		**SW846 8260B**
	ND	**10.0**	**8.65**	**ug/L**	**86**	**3.3**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**7.31**	**ug/L**	**73**		**SW846 8260B**
	ND	**10.0**	**7.52**	**ug/L**	**75**	**2.9**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**49.2**	**ug/L**	**98**		**SW846 8260B**
	ND	**50.0**	**52.6**	**ug/L**	**105**	**6.8**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**7.32**	**ug/L**	**73**		**SW846 8260B**
	ND	**10.0**	**7.79**	**ug/L**	**78**	**6.2**	**SW846 8260B**
1-Butanol	**ND**	**100**	**82.7**	**ug/L**	**83**		**SW846 8260B**
	ND	**100**	**84.3**	**ug/L**	**84**	**1.9**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.98**	**ug/L**	**90**		**SW846 8260B**
	ND	**10.0**	**9.29**	**ug/L**	**93**	**3.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(70 - 119)
	89	(70 - 119)
Dibromofluoromethane	99	(70 - 124)
	105	(70 - 124)
1,2-Dichloroethane-d4	90	(63 - 133)
	92	(63 - 133)
4-Bromofluorobenzene	93	(66 - 115)
	97	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 Work Order #...: KKE921AG-MS Matrix.....: WATER
MS Lot-Sample #: F8C290129-002 KKE921AH-MSD
Date Sampled...: 03/27/08 Date Received..: 03/29/08
Prep Date.....: 03/31/08 Analysis Date..: 03/31/08
Prep Batch #...: 8092133
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.8	ug/L	108	5.1	SW846 8260B
Ethylbenzene	ND	10.0	8.78	ug/L	88		SW846 8260B
	ND	10.0	9.08	ug/L	91	3.4	SW846 8260B
Ethyl acetate	ND	20.0	10.1	ug/L	51		SW846 8260B
	ND	20.0	19.7	ug/L	98 p	64	SW846 8260B
1,4-Dioxane	ND	200	148	ug/L	74		SW846 8260B
	ND	200	170	ug/L	85	14	SW846 8260B
Vinyl chloride	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.7	ug/L	117	12	SW846 8260B
Acetone	ND	10.0	9.61	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.4	SW846 8260B
Methylene chloride	ND	10.0	9.15	ug/L	91		SW846 8260B
	ND	10.0	9.85	ug/L	98	7.4	SW846 8260B
Carbon disulfide	ND	10.0	9.02	ug/L	90		SW846 8260B
	ND	10.0	10.0	ug/L	100	11	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.6	ug/L	106	5.1	SW846 8260B
2-Butanone	ND	10.0	8.17	ug/L	82		SW846 8260B
	ND	10.0	8.82	ug/L	88	7.6	SW846 8260B
Chloroform	0.99	10.0	10.4	ug/L	94		SW846 8260B
	0.99	10.0	11.0	ug/L	100	5.2	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	9.56	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.7	SW846 8260B
Propionitrile	ND	50.0	47.2	ug/L	94		SW846 8260B
	ND	50.0	42.2	ug/L	84	11	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.58	ug/L	96		SW846 8260B
	ND	10.0	10.9	ug/L	109	13	SW846 8260B
1,1,1-Trichloroethane	ND	10.0	9.40	ug/L	94		SW846 8260B
	ND	10.0	10.1	ug/L	101	7.1	SW846 8260B
Carbon tetrachloride	9.2	10.0	18.2	ug/L	90		SW846 8260B
	9.2	10.0	19.4	ug/L	102	6.5	SW846 8260B
1,2-Dichloroethane	ND	10.0	9.55	ug/L	96		SW846 8260B
	ND	10.0	10.1	ug/L	101	5.6	SW846 8260B
Benzene	ND	10.0	9.81	ug/L	98		SW846 8260B
	ND	10.0	10.3	ug/L	103	4.9	SW846 8260B
Trichloroethene	ND	10.0	9.16	ug/L	92		SW846 8260B
	ND	10.0	9.69	ug/L	97	5.6	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.04	ug/L	80		SW846 8260B
	ND	10.0	7.92	ug/L	79	1.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: SL732 **Work Order #...:** KKE921AG-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C290129-002 KKE921AH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloroethane	**ND**	**10.0**	**8.34**	**ug/L**	**83**		**SW846 8260B**
	ND	**10.0**	**8.70**	**ug/L**	**87**	**4.2**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**6.94**	**ug/L**	**69**		**SW846 8260B**
	ND	**10.0**	**7.12**	**ug/L**	**71**	**2.6**	**SW846 8260B**
Tetrahydrofuran	**ND**	**50.0**	**48.5**	**ug/L**	**97**		**SW846 8260B**
	ND	**50.0**	**54.3**	**ug/L**	**109**	**11**	**SW846 8260B**
1,4-Dichlorobenzene	**ND**	**10.0**	**7.36**	**ug/L**	**74**		**SW846 8260B**
	ND	**10.0**	**7.85**	**ug/L**	**78**	**6.4**	**SW846 8260B**
1-Butanol	**ND**	**100**	**71.3**	**ug/L**	**71**		**SW846 8260B**
	ND	**100**	**79.0**	**ug/L**	**79**	**10**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.71**	**ug/L**	**87**		**SW846 8260B**
	ND	**10.0**	**8.94**	**ug/L**	**89**	**2.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(70 - 119)
	88	(70 - 119)
Dibromofluoromethane	96	(70 - 124)
	96	(70 - 124)
1,2-Dichloroethane-d4	89	(63 - 133)
	92	(63 - 133)
4-Bromofluorobenzene	93	(66 - 115)
	95	(66 - 115)

NOTE(S):

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

Bold print denotes control parameters

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

PHENOL BY GC

Fluor Hanford Inc

Client Sample ID: B1TM79

GC Semivolatiles

Lot-Sample #...: F8C270216-002 **Work Order #...:** KKALP1AC **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(44 - 110)
2-Fluorophenol	71	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TM75

GC Semivolatiles

Lot-Sample #...: F8C270216-004 **Work Order #...:** KKAL01AC **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(44 - 110)
2-Fluorophenol	72	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TMF1

GC Semivolatiles

Lot-Sample #...: F8C270216-006 **Work Order #...:** KKAL31AC **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(44 - 110)
2-Fluorophenol	78	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TM63

GC Semivolatiles

Lot-Sample #...: F8C270216-008 **Work Order #...:** KKAMM1AC **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(44 - 110)
2-Fluorophenol	78	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TM51

GC Semivolatiles

Lot-Sample #...: F8C290135-002 **Work Order #...:** KKFA91AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	101	(44 - 110)
2-Fluorophenol	91	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TM95

GC Semivolatiles

Lot-Sample #...: F8C290135-004 **Work Order #...:** KKFCF1AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichlorophenol	ND	5.0	ug/L	2.2
2,4,6-Trichlorophenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	94	(44 - 110)
2-Fluorophenol	78	(37 - 96)

Fluor Hanford Inc

Client Sample ID: B1TMB7

GC Semivolatiles

Lot-Sample #...: F8C290135-006 **Work Order #...:** KKFCK1AC **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08
Prep Date.....: 03/31/08 **Analysis Date..:** 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1 **Method.....:** SW846 8040A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Chlorophenol	ND	5.0	ug/L	2.2
4-Chloro-3-methylphenol	ND	5.0	ug/L	2.4
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	2.2
2-Methylphenol	ND	5.0	ug/L	2.2
2,4-Dichlorophenol	ND	5.0	ug/L	2.1
2,6-Dichlorophenol	ND	5.0	ug/L	2.1
2,4-Dimethylphenol	ND	5.0	ug/L	2.1
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	2.2
Dinoseb	ND	5.0	ug/L	2.4
2-Nitrophenol	ND	5.0	ug/L	2.3
4-Nitrophenol	ND	5.0	ug/L	2.2
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenol	ND	5.0	ug/L	2.3
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	2.0
2,4,5-Trichloro-phenol	ND	5.0	ug/L	2.2
2,4,6-Trichloro-phenol	ND	5.0	ug/L	2.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	107	(44 - 110)
2-Fluorophenol	91	(37 - 96)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL732 **Work Order #...:** KKGRE1AA **Matrix.....:** WATER
MB Lot-Sample #: F8C310000-233

Prep Date.....: 03/31/08
Analysis Date..: 04/02/08 **Prep Batch #...:** 8091233
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Chlorophenol	ND	5.0	ug/L	SW846 8040A
4-Chloro-3-methylphenol	ND	5.0	ug/L	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	5.0	ug/L	SW846 8040A
2-Methylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,6-Dichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4-Dimethylphenol	ND	5.0	ug/L	SW846 8040A
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8040A
Dinoseb	ND	5.0	ug/L	SW846 8040A
2-Nitrophenol	ND	5.0	ug/L	SW846 8040A
4-Nitrophenol	ND	5.0	ug/L	SW846 8040A
Pentachlorophenol	ND	5.0	ug/L	SW846 8040A
Phenol	ND	5.0	ug/L	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,5-Trichlorophenol	ND	5.0	ug/L	SW846 8040A
2,4,6-Trichlorophenol	ND	5.0	ug/L	SW846 8040A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(44 - 110)
2-Fluorophenol	77	(37 - 96)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL732 Work Order #...: KKGRE1AC Matrix.....: WATER
LCS Lot-Sample#: F8C310000-233
Prep Date.....: 03/31/08 Analysis Date..: 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Chlorophenol	**100**	**72.5**	**ug/L**	**72**	**SW846 8040A**
4-Chloro-3-methylphenol	**100**	**75.0**	**ug/L**	**75**	**SW846 8040A**
3-Methylphenol & 4-Methylphenol	**100**	**71.7**	**ug/L**	**72**	**SW846 8040A**
2-Methylphenol	**100**	**71.0**	**ug/L**	**71**	**SW846 8040A**
2,4-Dichlorophenol	**100**	**72.1**	**ug/L**	**72**	**SW846 8040A**
2,6-Dichlorophenol	**100**	**73.2**	**ug/L**	**73**	**SW846 8040A**
2,4-Dimethylphenol	**100**	**70.9**	**ug/L**	**71**	**SW846 8040A**
2,4-Dinitrophenol	**100**	**76.6**	**ug/L**	**77**	**SW846 8040A**
4,6-Dinitro-2-methylphenol	**100**	**77.5**	**ug/L**	**78**	**SW846 8040A**
Dinoseb	**100**	**84.6**	**ug/L**	**85**	**SW846 8040A**
2-Nitrophenol	**100**	**76.2**	**ug/L**	**76**	**SW846 8040A**
4-Nitrophenol	**100**	**79.0**	**ug/L**	**79**	**SW846 8040A**
Pentachlorophenol	**100**	**78.5**	**ug/L**	**78**	**SW846 8040A**
Phenol	**100**	**66.1**	**ug/L**	**66**	**SW846 8040A**
2,3,4,6-Tetrachlorophenol	**100**	**75.6**	**ug/L**	**76**	**SW846 8040A**
2,4,5-Trichloro-phenol	**100**	**73.1**	**ug/L**	**73**	**SW846 8040A**
2,4,6-Trichloro-phenol	**100**	**73.7**	**ug/L**	**74**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	93	(50 - 107)
2-Fluorophenol	72	(50 - 91)

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 #...: SL732 Work Order #...: KKALP1AE-MS Matrix.....: WATER
MS Lot-Sample #: F8C270216-002 KKALP1AF-MSD
Date Sampled...: 03/25/08 Date Received..: 03/27/08
Prep Date.....: 03/31/08 Analysis Date..: 04/02/08
Prep Batch #...: 8091233
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorophenol	ND	95.2	79.8	ug/L	84		SW846 8040A
	ND	95.1	72.5	ug/L	76	9.5	SW846 8040A
4-Chloro-3-methylphenol	ND	95.2	80.6	ug/L	85		SW846 8040A
	ND	95.1	77.7	ug/L	82	3.7	SW846 8040A
3-Methylphenol & 4-Methylphenol	ND	95.2	79.7	ug/L	84		SW846 8040A
	ND	95.1	72.5	ug/L	76	9.5	SW846 8040A
2-Methylphenol	ND	95.2	79.3	ug/L	83		SW846 8040A
	ND	95.1	71.4	ug/L	75	11	SW846 8040A
2,4-Dichlorophenol	ND	95.2	78.6	ug/L	83		SW846 8040A
	ND	95.1	72.8	ug/L	77	7.6	SW846 8040A
2,6-Dichlorophenol	ND	95.2	78.2	ug/L	82		SW846 8040A
	ND	95.1	72.8	ug/L	77	7.2	SW846 8040A
2,4-Dimethylphenol	ND	95.2	77.9	ug/L	82		SW846 8040A
	ND	95.1	71.2	ug/L	75	8.9	SW846 8040A
2,4-Dinitrophenol	ND	95.2	77.9	ug/L	82		SW846 8040A
	ND	95.1	81.6	ug/L	86	4.7	SW846 8040A
4,6-Dinitro-2-methylphenol	ND	95.2	68.1	ug/L	72		SW846 8040A
	ND	95.1	79.5	ug/L	84	15	SW846 8040A
Dinoseb	ND	95.2	72.5	ug/L	76		SW846 8040A
	ND	95.1	86.9	ug/L	91	18	SW846 8040A
2-Nitrophenol	ND	95.2	75.6	ug/L	79		SW846 8040A
	ND	95.1	75.8	ug/L	80	0.22	SW846 8040A
4-Nitrophenol	ND	95.2	78.4	ug/L	82		SW846 8040A
	ND	95.1	82.6	ug/L	87	5.3	SW846 8040A
Pentachlorophenol	ND	95.2	74.2	ug/L	78		SW846 8040A
	ND	95.1	83.1	ug/L	87	11	SW846 8040A
Phenol	ND	95.2	76.7	ug/L	81		SW846 8040A
	ND	95.1	67.1	ug/L	71	13	SW846 8040A
2,3,4,6-Tetrachlorophenol	ND	95.2	66.4	ug/L	70		SW846 8040A
	ND	95.1	77.5	ug/L	82	15	SW846 8040A
2,4,5-Trichlorophenol	ND	95.2	77.2	ug/L	81		SW846 8040A
	ND	95.1	76.5	ug/L	80	0.82	SW846 8040A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL732 **Work Order #...:** KKALP1AE-MS **Matrix.....:** WATER
MS Lot-Sample #: F8C270216-002 KKALP1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4,6-Trichloro-phenol	**ND**	**95.2**	**79.3**	**ug/L**	**83**		**SW846 8040A**
	ND	**95.1**	**76.8**	**ug/L**	**81**	**3.2**	**SW846 8040A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	95	(44 - 110)
	103	(44 - 110)
2-Fluorophenol	83	(37 - 96)
	76	(37 - 96)

NOTE(S):

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

Bold print denotes control parameters

PESTICIDES

Fluor Hanford Inc

Client Sample ID: B1RDV2

GC Semivolatiles

Lot-Sample #...: F8D020342-001 **Work Order #...:** KKLTM1AC **Matrix.....:** WATER
Date Sampled...: 03/30/08 **Date Received..:** 04/02/08
Prep Date.....: 04/03/08 **Analysis Date..:** 04/07/08
Prep Batch #...: 8094204
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	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	112	(70 - 126)
Decachlorobiphenyl	108	(42 - 139)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: SL732 **Work Order #...:** KKM4F1AA **Matrix.....:** WATER
MB Lot-Sample #: F8D030000-204

Prep Date.....: 04/03/08
Analysis Date..: 04/07/08 **Prep Batch #...:** 8094204
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(70 - 126)
Decachlorobiphenyl	103	(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 #...: SL732 **Work Order #...:** KKM4F1AC **Matrix.....:** WATER
LCS Lot-Sample#: F8D030000-204
Prep Date.....: 04/03/08 **Analysis Date..:** 04/07/08
Prep Batch #...: 8094204
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aldrin	**0.500**	**0.542**	**ug/L**	**108**	**SW846 8081A**
4,4'-DDT	**0.500**	**0.576**	**ug/L**	**115**	**SW846 8081A**
4,4'-DDD	**0.500**	**0.537**	**ug/L**	**107**	**SW846 8081A**
4,4'-DDE	**0.500**	**0.538**	**ug/L**	**108**	**SW846 8081A**
Endosulfan I	**0.500**	**0.530**	**ug/L**	**106**	**SW846 8081A**
Endosulfan II	**0.500**	**0.527**	**ug/L**	**105**	**SW846 8081A**
gamma-BHC (Lindane)	**0.500**	**0.551**	**ug/L**	**110**	**SW846 8081A**
alpha-BHC	**0.500**	**0.550**	**ug/L**	**110**	**SW846 8081A**
Endrin	**0.500**	**0.553**	**ug/L**	**111**	**SW846 8081A**
beta-BHC	**0.500**	**0.532**	**ug/L**	**106**	**SW846 8081A**
Heptachlor	**0.500**	**0.555**	**ug/L**	**111**	**SW846 8081A**
delta-BHC	**0.500**	**0.554**	**ug/L**	**111**	**SW846 8081A**
Heptachlor epoxide	**0.500**	**0.525**	**ug/L**	**105**	**SW846 8081A**
Methoxychlor	**0.500**	**0.567**	**ug/L**	**113**	**SW846 8081A**
Dieldrin	**0.500**	**0.535**	**ug/L**	**107**	**SW846 8081A**
Endosulfan sulfate	**0.500**	**0.534**	**ug/L**	**107**	**SW846 8081A**
Endrin aldehyde	**0.500**	**0.527**	**ug/L**	**105**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(67 - 125)
Decachlorobiphenyl	106	(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 #...: SL732 Work Order #...: KKLTM1AD-MS Matrix.....: WATER
MS Lot-Sample #: F8D020342-001 KKLTM1AE-MSD
Date Sampled...: 03/30/08 Date Received..: 04/02/08
Prep Date.....: 04/03/08 Analysis Date..: 04/07/08
Prep Batch #...: 8094204
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aldrin	ND	0.973	1.09	ug/L	112		SW846 8081A
	ND	0.950	0.980	ug/L	103	10	SW846 8081A
4,4'-DDT	ND	0.973	1.14	ug/L	117		SW846 8081A
	ND	0.950	0.997	ug/L	105	13	SW846 8081A
4,4'-DDD	ND	0.973	1.08	ug/L	111		SW846 8081A
	ND	0.950	0.955	ug/L	101	13	SW846 8081A
4,4'-DDE	ND	0.973	1.07	ug/L	110		SW846 8081A
	ND	0.950	0.949	ug/L	100	12	SW846 8081A
Endosulfan I	ND	0.973	1.06	ug/L	109		SW846 8081A
	ND	0.950	0.933	ug/L	98	13	SW846 8081A
Endosulfan II	ND	0.973	1.06	ug/L	109		SW846 8081A
	ND	0.950	0.920	ug/L	97	14	SW846 8081A
gamma-BHC (Lindane)	ND	0.973	1.11	ug/L	114		SW846 8081A
	ND	0.950	1.00	ug/L	105	10	SW846 8081A
alpha-BHC	ND	0.973	1.11	ug/L	114		SW846 8081A
	ND	0.950	1.00	ug/L	105	10	SW846 8081A
Endrin	ND	0.973	1.11	ug/L	114		SW846 8081A
	ND	0.950	0.971	ug/L	102	13	SW846 8081A
beta-BHC	ND	0.973	1.08	ug/L	111		SW846 8081A
	ND	0.950	0.961	ug/L	101	11	SW846 8081A
Heptachlor	ND	0.973	1.14	ug/L	117		SW846 8081A
	ND	0.950	0.999	ug/L	105	13	SW846 8081A
delta-BHC	ND	0.973	1.11	ug/L	114		SW846 8081A
	ND	0.950	0.994	ug/L	105	11	SW846 8081A
Heptachlor epoxide	ND	0.973	1.05	ug/L	108		SW846 8081A
	ND	0.950	0.944	ug/L	99	11	SW846 8081A
Methoxychlor	ND	0.973	1.13	ug/L	117		SW846 8081A
	ND	0.950	0.972	ug/L	102	15	SW846 8081A
Dieldrin	ND	0.973	1.07	ug/L	110		SW846 8081A
	ND	0.950	0.949	ug/L	100	12	SW846 8081A
Endosulfan sulfate	ND	0.973	1.08	ug/L	111		SW846 8081A
	ND	0.950	0.943	ug/L	99	13	SW846 8081A
Endrin aldehyde	ND	0.973	1.06	ug/L	109		SW846 8081A
	ND	0.950	0.932	ug/L	98	13	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112	(70 - 126)
	106	(70 - 126)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: SL732 **Work Order #...:** KKLTM1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: F8D020342-001 KKLTM1AE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	112	(42 - 139)
	99	(42 - 139)

NOTE(S):

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

Bold print denotes control parameters

METALS

Fluor Hanford Inc

Client Sample ID: B1TJP6

DISSOLVED Metals

Lot-Sample #...: F8C200217-001 **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KJXK61AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJP7

TOTAL Metals

Lot-Sample #...: F8C200217-002 **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087057						
Mercury	ND	0.20	ug/L	SW846 7470A	03/27/08	KJXLC1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJT7

DISSOLVED Metals

Lot-Sample #...: F8C260274-001 **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KJ8RX1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJT8

TOTAL Metals

Lot-Sample #...: F8C260274-002 **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087057						
Mercury	ND	0.20	ug/L	SW846 7470A	03/27/08	KJ8TN1AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJV5

DISSOLVED Metals

Lot-Sample #...: F8C260274-003 **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KJ8TX1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJV6

TOTAL Metals

Lot-Sample #...: F8C260274-004 **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087057						
Mercury	ND	0.20	ug/L	SW846 7470A	03/27/08	KJ8T01AC
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM78

DISSOLVED Metals

Lot-Sample #...: F8C270216-001 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKALL1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM79

TOTAL Metals

Lot-Sample #...: F8C270216-002 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKALP1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM74

DISSOLVED Metals

Lot-Sample #...: F8C270216-003 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKALX1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM75

TOTAL Metals

Lot-Sample #...: F8C270216-004 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKAL01AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TMF0

DISSOLVED Metals

Lot-Sample #...: F8C270216-005 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKAL21AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TMF1

TOTAL Metals

Lot-Sample #...: F8C270216-006 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKAL31AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM62

DISSOLVED Metals

Lot-Sample #...: F8C270216-007 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKAML1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM63

TOTAL Metals

Lot-Sample #...: F8C270216-008 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKAMM1AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJR3

DISSOLVED Metals

Lot-Sample #...: F8C290129-001 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKE9W1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TJR4

TOTAL Metals

Lot-Sample #...: F8C290129-002 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKE921AF
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM50

DISSOLVED Metals

Lot-Sample #...: F8C290135-001 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKFA81AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM51

TOTAL Metals

Lot-Sample #...: F8C290135-002 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKFA91AD
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TM94

DISSOLVED Metals

Lot-Sample #...: F8C290135-003 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKFCD1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TMB6

DISSOLVED Metals

Lot-Sample #...: F8C290135-005 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKFCH1AA
		Dilution Factor: 1		MDL.....: 0.093		

Fluor Hanford Inc

Client Sample ID: B1TMB7

TOTAL Metals

Lot-Sample #...: F8C290135-006 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKFCK1AD
		Dilution Factor: 1		MDL.....: 0.093		

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: SL732 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8C270000-057 **Prep Batch #...:** 8087057						
Mercury	ND	0.20	ug/L	SW846 7470A	03/27/08	KJ9F01AA
		Dilution Factor: 1				
MB Lot-Sample #: F8D020000-066 **Prep Batch #...:** 8093066						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KKJ3F1AA
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL732 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8C270000-059 **Prep Batch #...:** 8087059						
Mercury	ND	0.20	ug/L	SW846 7470A	04/02/08	KJ9F21AA
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: SL732 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8C270000-057 **Prep Batch #...:** 8087057							
Mercury	1.00	0.980	ug/L	98	SW846 7470A	03/27/08	KJ9F01AC
			Dilution Factor: 1				
LCS Lot-Sample#: F8D020000-066 **Prep Batch #...:** 8093066							
Mercury	1.00	1.02	ug/L	102	SW846 7470A	04/02/08	KKJ3F1AC
			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 #...: SL732 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8C270000-059 **Prep Batch #...:** 8087059							
Mercury	1.00	1.01	ug/L	101	SW846 7470A	04/02/08	KJ9F21AC

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 #...: SL732 **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8C200217-002 **Prep Batch #...:** 8087057									
Mercury									
	ND	1.00	0.925	ug/L	92		SW846 7470A	03/27/08	KJXLC1AG
	ND	1.00	0.907	ug/L	91	2.0	SW846 7470A	03/27/08	KJXLC1AH

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 #...: SL732 **Matrix.....:** WATER
Date Sampled...: 03/25/08 **Date Received..:** 03/27/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8C270216-002 **Prep Batch #...:** 8093066									
Mercury									
	ND	1.00	0.976	ug/L	98		SW846 7470A	04/02/08	KKALP1AG
	ND	1.00	0.921	ug/L	92	5.8	SW846 7470A	04/02/08	KKALP1AH

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 #...: SL732 **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8C200217-001 **Prep Batch #...:** 8087059									
Mercury									
	ND	1.00	0.992	ug/L	99		SW846 7470A	04/02/08	KJXK61AC
	ND	1.00	1.02	ug/L	102	2.8	SW846 7470A	04/02/08	KJXK61AD

Dilution Factor: 1

NOTE(S):

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

WET CHEMISTRY

Fluor Hanford Inc

Client Sample ID: B1TJP7

General Chemistry

Lot-Sample #...: F8C200217-002 **Work Order #...:** KJXLC **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	04/01/08	8092067
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	03/24/08	8084314
		Dilution Factor: 1		MDL.....: 0.18		

Fluor Hanford Inc

Client Sample ID: B1TJT8

General Chemistry

Lot-Sample #...: F8C260274-002 **Work Order #...:** KJ8TN **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	04/01/08	8092067
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	03/27/08	8088042
		Dilution Factor: 1		MDL.....: 0.18		

Fluor Hanford Inc

Client Sample ID: B1TJV6

General Chemistry

Lot-Sample #...: F8C260274-004 **Work Order #...:** KJ8T0 **Matrix.....:** WATER
Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	04/01/08	8092067
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	03/27/08	8088042
		Dilution Factor: 1		MDL.....: 0.18		

Fluor Hanford Inc

Client Sample ID: B1TJR4

General Chemistry

Lot-Sample #...: F8C290129-002 **Work Order #...:** KKE92 **Matrix.....:** WATER
Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol	ND	50.0	ug/L	MCAWW 420.2	04/01/08	8092067
		Dilution Factor: 1		MDL.....: 14.0		
Total Sulfide	ND	1.0	mg/L	SW846 9030	04/02/08	8093324
		Dilution Factor: 1		MDL.....: 0.18		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL732 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol		Work Order #: KKG881AA		MB Lot-Sample #:	F8D010000-067	
	ND	50.0	ug/L	MCAWW 420.2	04/01/08	8092067
		Dilution Factor: 1				
Total Sulfide		Work Order #: KJ44V1AA		MB Lot-Sample #:	F8C240000-314	
	ND	1.0	mg/L	SW846 9030	03/24/08	8084314
		Dilution Factor: 1				
Total Sulfide		Work Order #: KKCTE1AA		MB Lot-Sample #:	F8C280000-042	
	ND	1.0	mg/L	SW846 9030	03/27/08	8088042
		Dilution Factor: 1				
Total Sulfide		Work Order #: KKME91AA		MB Lot-Sample #:	F8D020000-324	
	ND	1.0	mg/L	SW846 9030	04/02/08	8093324
		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 #...: SL732 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #:	KKG881AC	LCS Lot-Sample#:	F8D010000-067	
	200	204	ug/L	102	MCAWW 420.2	04/01/08	8092067
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KJ44V1AC	LCS Lot-Sample#:	F8C240000-314	
	10.0	9.70 N	mg/L	97	SW846 9030	03/24/08	8084314
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KKCTE1AC	LCS Lot-Sample#:	F8C280000-042	
	10.0	9.40 N	mg/L	94	SW846 9030	03/27/08	8088042
			Dilution Factor: 1				
Total Sulfide			Work Order #:	KKME91AC	LCS Lot-Sample#:	F8D020000-324	
	10.0	9.30 N	mg/L	93	SW846 9030	04/02/08	8093324
			Dilution Factor: 1				

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL732 **Matrix.....:** WATER
Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol			Work Order #...:		KJXLC1AL	MS Lot-Sample #:		F8C200217-002
	ND	200	167	ug/L	83	MCAWW 420.2	04/01/08	8092067
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KJXLC1AM	MS Lot-Sample #:		F8C200217-002
	ND	10.0	9.60	mg/L	96	SW846 9030	03/24/08	8084314
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KJ8TN1AG	MS Lot-Sample #:		F8C260274-002
	ND	10.0	10.1	mg/L	101	SW846 9030	03/27/08	8088042
			Dilution Factor: 1					
Total Sulfide			Work Order #...:		KKE921AJ	MS Lot-Sample #:		F8C290129-002
	ND	10.0	9.70	mg/L	97	SW846 9030	04/02/08	8093324
			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 #...: F8C200217 **Work Order #...:** KJ8TN-SMP KJ8TN-DUP **Matrix.....:** WATER

Date Sampled...: 03/24/08 **Date Received..:** 03/26/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide						SD Lot-Sample #:	F8C260274-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	03/27/08	8088042

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8C200217 **Work Order #...:** KJXLC-SMP KJXLC-DUP **Matrix.....:** WATER

Date Sampled...: 03/17/08 **Date Received..:** 03/20/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Phenol						SD Lot-Sample #:	F8C200217-002	
	ND	ND	ug/L	0	(0-20)	MCAWW 420.2	04/01/08	8092067
			Dilution Factor: 1					
Total Sulfide						SD Lot-Sample #:	F8C200217-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	03/24/08	8084314
			Dilution Factor: 1					

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8C200217 **Work Order #...:** KKE92-SMP KKE92-DUP **Matrix.....:** WATER

Date Sampled...: 03/27/08 **Date Received..:** 03/29/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide						SD Lot-Sample #:	F8C290129-002	
	ND	ND	mg/L	0	(0-0.0)	SW846 9030	04/02/08	8093324

Dilution Factor: 1