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ANALYTICAL REPORT

W07-011

Lot #: F6K110131
SDG #: SL649

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Dot Stewart

Pacific Northwest National Lab
3110 Port of Benton Blvd.
Sigma 5 MS K694
Richland, WA 99352

SEVERN TRENT LABORATORIES, INC.

for

Brian O'Donnell
Project Manager

January 30, 2007

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CASE NARRATIVE

Pacific Northwest National Laboratories
P.O. Box 1970
Richland, Washington 99352
January 30, 2007
Attention: Dot Stewart

SDG	:	SL649
Number of Samples	:	70
Sample Matrix	:	Water
Data Deliverable	:	Summary
Date SDG Closed	:	November 25, 2006

II. Introduction

Between November 11, 2006 and November 16, 2006, seventy (70) water samples were received by STL St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and CUR forms for documentation of any variations on receipt conditions and temperature. Upon receipt, the samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

III. Analytical Results/ Methodology

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

Deviation from Request: None

IV. Definitions

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

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Pacific Northwest National Laboratories
January 30, 2007
SDG: SL649

V. Comments

General

The following SAFs are associated with this SDG: W07-011, I07-011.

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.

ICP Metals

The MS/MSD recovery for Calcium is outside the established QC limits. The analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6K140240 (1): B1L6W2
F6K140240 (3): B1L762
F6K140240 (5): B1L6P1
F6K140240 (7): B1L777

The MS recovery for Chromium is outside the established QC limits. The analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6K170169 (1): B1L2L3
F6K170169 (7): B1L354
F6K170169 (9): B1L2V3
F6K170169 (12): B1L300
F6K170169 (14): B1L2T7
F6K170169 (17): B1L2Y4
F6K170169 (19): B1L2N8
F6K170169 (21): B1L2P4

Ion Chromatography

Poor matrix spike recovery for Chloride in batch 6328244 (except for sample B1L702), Fluoride in batch 6328245, Sulfate in batch 6328246, and Nitrite in batch 6328247 is attributed to matrix interference.

The sample duplicate %RPD for Nitrite in batch 6328247 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6K160224 (2): B1L702
F6K160224 (4): B1L710
F6K160224 (6): B1L706
F6K160224 (8): B1L6T1
F6K160224 (10): B1L6R7
F6K160224 (12): B1L723
F6K160224 (14): B1L6R2
F6K160224 (16): B1L739
F6K160224 (18): B1L6Y7
F6K160224 (20): B1L6T9

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January 30, 2007
SDG: SL649

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Sulfate in batch 6324293, Nitrite in batch 6324294, and Nitrate in batch 6324295 is attributed to matrix interference.

The LCSD for Nitrate in batch 6324295 was outside the upper acceptable QC limits indicating a potential high bias for the associated samples. The LCS and the CCVs were within acceptable QC limits.

The sample duplicate %RPD for Chloride in batch 6324291 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6K170169 (2): B1L2L4
F6K170169 (8): B1L355
F6K170169 (10): B1L2V4
F6K170169 (13): B1L301
F6K170169 (15): B1L2T8
F6K170169 (18): B1L2Y5
F6K170169 (20): B1L2N9
F6K170169 (22): B1L2P5

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Chloride in batch 6341336, Sulfate in batch 6341338, and Nitrite in batch 6341339 is attributed to matrix interference.

The sample duplicate %RPD for Chloride in batch 6341336 and Sulfate in batch 6341338 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

The LCS for nitrite in batch 6341339 was outside the upper acceptable QC limits indicating a potential high bias for the samples. The LCSD and CCVs were within acceptable QC limits.

Affected Samples:

F6K110131 (2): B1L6N7
F6K110131 (4): B1L6N3
F6K110131 (6): B1L792
F6K110131 (8): B1L783
F6K110131 (10): B1L787
F6K110131 (12): B1L688
F6K110131 (14): B1L692
F6K110131 (16): B1L696
F6K110131 (18): B1L6B0
F6K110131 (20): B1L6B3

The associated sample was originally analyzed within holding time, but required a dilution for Nitrate. The dilution analysis was performed 29 days outside of holding time in batch 6348357. Please refer to included IRF 07-023.

Affected Samples:

F6K140240 (6): B1L6P2

The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Chloride in batch 6320127 and Nitrite in batch 6320130 is attributed to matrix interference.

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January 30, 2007
SDG: SL649

The sample duplicate %RPD for Nitrite in batch 6320130 is outside the established QC limits. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS recovery.

Affected Samples:

F6K140240 (2): B1L6W3
F6K140240 (4): B1L763
F6K140240 (6): B1L6P2
F6K140240 (8): B1L778

Cyanide

The associated samples were originally analyzed within holding time. However, it was later determined that a problem occurred during the preparation procedure, and the samples would require a reanalysis. The samples were reanalyzed 51 days past the analytical holding time in batch 6354204. Please refer to included IRF 07-021.

Due to a required reanalysis, there was insufficient sample to perform a MS and matrix duplicate in batch 6354204. A LCS/LCSD was performed in lieu of the MS/duplicate.

Affected Samples:

F6K160224 (4): B1L710
F6K160224 (6): B1L706
F6K160224 (8): B1L6T1
F6K160224 (10): B1L6R7
F6K160224 (12): B1L723
F6K160224 (14): B1L6R2
F6K160224 (16): B1L739
F6K160224 (20): B1L6T9

The associated sample was originally analyzed within holding time. However, it was later determined that a problem occurred during the preparation procedure, and the sample would require a reanalysis. A reanalysis was performed, however, the follow QC excursions occurred: method blank = 19.5 µg/L (reporting limit = 5 µg/L); LCS = 84% (lower limit = 90%); MS = 425%. This reanalysis is reported from batch 6333223. Please refer to included IRF 07-002.

Affected Samples:

F6K160224 (2): B1L702

The associated sample was originally analyzed within holding time. However, it was later determined that a problem occurred during the preparation procedure, and the sample would require a reanalysis. The reanalysis was performed outside of holding time from an aliquot removed from the corresponding anion container in batch 6356120. Please refer to included IRF 07-002. In the reanalysis, the high and low LCSs recovered at 83% and 88%, respectively.

Affected Samples:

F6K160224 (18): B1L6Y7

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

Alkalinity
ICP-MS Metals

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Pacific Northwest National Laboratories
January 30, 2007
SDG: SL649

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

Reviewed and approved:

for
Brian O'Donnell
St. Louis Project Manager

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

PNNL TRACKING NUMBER: 07-002

Date **12/20/06** SAF No. **W07-011** STL Project Number: 519.145

SDG: SL649 LOGIN No.: **F6K160224-02, 18** TEST: Cyanide

Sample No.(s) **B1L702, B1L6Y7**

Submitted By: Melania Harris Submitted To: Dot Stewart (PNNL)

Phone No. 314-298-8566 x207 Phone No. 509-376-5056 (Stewart)

Fax No. 314-298-8757 Fax No. 509-372-1704

ISSUE	PROPOSED RESOLUTION
Samples B1L702 & B1L6Y7 were run for cyanide multiple times, the first analysis we had a problem with our extraction and the data is not usable, on the second extraction the batch QC is not with QC criteria – and we do not have additional sample from a preserved container to re-analyze sample. QC. Method Blank – Hit above RL at 19.5 LCS – below QC limits at 84% (Lower limi 90%) MS on sample B1L702 – 425% Sample results for B1L702 were 16.6 and dup was 12.2. Sample results for B1L6Y7 were ND.	1) Report values from run with failed QC with narrative note explaining that no additional sample was available to re-run the sample. 2) Re analyze samples from unpreserved container, outside of hold time. 3) Do not report Cyanide for these two samples.

BHI/WMH/PNNL COMMENTS

For sample B1L702, accept proposed resolution #1. For sample B1L6Y7, use the remaining anion sample for retrieve the tritium sample from the Richland lab if necessary (sample number B1L6Y9).

Heidi Hampt for Dot Stewart 1/2/07
Signature and Date

XC: Ron Butler

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

PNNL TRACKING NUMBER: 07-023
Date: January 26, 2007 SAF Nos. **W07-011**

SDG: **SL649** LOGIN No.: **F6K140240** TEST: Nitrate

Sample No.(s) B1L6P2

Submitted By: Brian O'Donnell Submitted To: Dot Stewart (PNNL)

Phone No. 314-298-8566 x206 Phone No. 509-376-5056 (Stewart)

Fax No. 314-298-8757 Fax No. 509-372-1704

ISSUE	PROPOSED RESOLUTION
The associated sample was originally analyzed within hold time, but required a dilution for nitrate. The dilution analysis was performed 29 days outside of holding time.	Report results with note in case narrative regarding the missed hold times.

BHI/WMH/PNNL COMMENTS
Accept proposed resolution. Why are so many results being reviewed so long after holding time has expired? What action can be taken to avoid this problem in the future?

Heidi Hampt for Dot Stewart 1/30/07
Signature and Date

XC: Ron Butler

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

PNNL TRACKING NUMBER: 07-021

Date: January 26, 2007 SAF Nos. **W07-011**

SDG: **SL649** LOGIN No.: **F6K160224** TEST: Cyanide

Sample No.(s) B1L710, B1L706, B1L6T1, B1L6R7, B1L723, B1L6R2, B1L739, B1L6Y7

Submitted By: Brian O'Donnell Submitted To: Dot Stewart (PNNL)

Phone No. 314-298-8566 x206 Phone No. 509-376-5056 (Stewart)

Fax No. 314-298-8757 Fax No. 509-372-1704

ISSUE	PROPOSED RESOLUTION
The associated samples were originally analyzed within holding time. However, it was later determined that a problem occurred during the preparation procedure, and the samples would require a reanalysis. The samples were reanalyze 51 days past the analytical holding time.	Report results with note in case narrative regarding the missed hold times.

BHI/WMH/PNNL COMMENTS

Accept proposed resolution. Why are so many results being reviewed so long after holding time has expired? What action can be taken to avoid this problem in the future?

Heidi Hampt for Dot Stewart 1/30/07
Signature and Date

XC: Ron Butler

METHODS SUMMARY

SL649

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
ICP-MS (6020)	SW846 6020	
Nitrate as NO3	MCAWW 300.0A	
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Total Cyanide	SW846 9012	SW846 9012

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

SL649 : F6K110131

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJHWM	001	B1L6N6	11/10/06	07:30
JJHWN	002	B1L6N7	11/10/06	07:30
JJHWR	003	B1L6N2	11/10/06	08:30
JJHWT	004	B1L6N3	11/10/06	08:30
JJHW0	005	B1L791	11/10/06	10:01
JJHXA	006	B1L792	11/10/06	10:01
JJH0A	007	B1L782	11/10/06	11:50
JJH0E	008	B1L783	11/10/06	11:50
JJH0F	009	B1L786	11/10/06	11:50
JJH0G	010	B1L787	11/10/06	11:50
JJH0H	011	B1L687	11/10/06	11:25
JJH0J	012	B1L688	11/10/06	11:25
JJH0K	013	B1L691	11/10/06	12:50
JJH0L	014	B1L692	11/10/06	12:50
JJH0M	015	B1L695	11/10/06	08:42
JJH0N	016	B1L696	11/10/06	08:42
JJH0P	017	B1L699	11/10/06	08:42
JJH0Q	018	B1L6B0	11/10/06	08:42
JJH0T	019	B1L6B2	11/10/06	09:53
JJH0V	020	B1L6B3	11/10/06	09:53

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

SL649 : F6K140240

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJM8N	001	B1L6W2	11/13/06	12:27
JJM8W	002	B1L6W3	11/13/06	12:27
JJM86	003	B1L762	11/13/06	10:21
JJM88	004	B1L763	11/13/06	10:21
JJM9C	005	B1L6P1	11/13/06	11:37
JJM9E	006	B1L6P2	11/13/06	11:37
JJM9H	007	B1L777	11/13/06	09:11
JJM9K	008	B1L778	11/13/06	09:11

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL649 : F6K160224

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJVAM	001	B1L701	11/15/06	12:38
JJVAP	002	B1L702	11/15/06	12:38
JJVAT	003	B1L709	11/15/06	11:50
JJVAV	004	B1L710	11/15/06	11:50
JJVCD	005	B1L705	11/15/06	11:50
JJVCG	006	B1L706	11/15/06	11:50
JJVCK	007	B1L6T0	11/15/06	10:55
JJVCL	008	B1L6T1	11/15/06	10:55
JJVCN	009	B1L6R6	11/15/06	10:18
JJVCP	010	B1L6R7	11/15/06	10:18
JJVCQ	011	B1L722	11/15/06	12:34
JJVCR	012	B1L723	11/15/06	12:34
JJVCT	013	B1L6R1	11/15/06	11:16
JJVCW	014	B1L6R2	11/15/06	11:16
JJVC0	015	B1L738	11/15/06	12:43
JJVDF	016	B1L739	11/15/06	12:43
JJVDK	017	B1L6Y6	11/15/06	11:10
JJVDM	018	B1L6Y7	11/15/06	11:10
JJVD2	019	B1L6T8	11/15/06	12:06
JJVD3	020	B1L6T9	11/15/06	12:06

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

SL649 : F6K170169

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJXW4	001	B1L2L3	11/14/06	10:59
JJXXA	002	B1L2L4	11/14/06	10:59
JJXXH	003	B1L2M3	11/14/06	09:58
JJXXM	004	B1L2M8	11/14/06	09:00
JJXXV	005	B1L2N2	11/14/06	12:01
JJXX4	006	B1L348	11/14/06	08:45
JJXX6	007	B1L354	11/14/06	12:24
JJX1J	008	B1L355	11/14/06	12:24
JJX2F	009	B1L2V3	11/14/06	11:34
JJX2K	010	B1L2V4	11/14/06	11:34
JJX2M	011	B1L2K7	11/14/06	10:22
JJX2P	012	B1L300	11/14/06	11:08
JJX2R	013	B1L301	11/14/06	11:08
JJX2W	014	B1L2T7	11/14/06	09:46
JJX2X	015	B1L2T8	11/14/06	09:46
JJX26	016	B1L344	11/14/06	08:20
JJX27	017	B1L2Y4	11/14/06	09:02
JJX29	018	B1L2Y5	11/14/06	09:02
JJX3E	019	B1L2N8	11/14/06	11:54
JJX3G	020	B1L2N9	11/14/06	11:54
JJX6A	021	B1L2P4	11/14/06	11:54
JJX6G	022	B1L2P5	11/14/06	11:54

NOTE(S):

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METALS

Pacific Northwest National Laboratory

Client Sample ID: B1L6N6

DISSOLVED Metals

Lot-Sample #...: F6K110131-001 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	ND	200	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AC
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56.8 B,C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWM1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AL
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AP
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L6N6

DISSOLVED Metals

Lot-Sample #...: F6K110131-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**14.8 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWM1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6N2

DISSOLVED Metals

Lot-Sample #...: F6K110131-003 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**55.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**47800 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**14900**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5960**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6N2

DISSOLVED Metals

Lot-Sample #...: F6K110131-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	25000	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	270	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	18.5 B	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	13.2 B,C	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L791

DISSOLVED Metals

Lot-Sample #...: F6K110131-005 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**136 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**142000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**39.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**114 C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**42800**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**9.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**11600**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L791

DISSOLVED Metals

Lot-Sample #...: F6K110131-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**125000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**863**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**13.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L782

DISSOLVED Metals

Lot-Sample #...: F6K110131-007 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**97.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**102000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**43.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**39000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**4.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L782

DISSOLVED Metals

Lot-Sample #...: F6K110131-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	250000	5000	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	645	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	13.7 B	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	18.1 B,C	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L786

DISSOLVED Metals

Lot-Sample #...: F6K110131-009 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**105 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**111000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**48.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**42200**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**5.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**12200**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L786

DISSOLVED Metals

Lot-Sample #...: F6K110131-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**249000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**695**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**13.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**18.4 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L687

DISSOLVED Metals

Lot-Sample #...: F6K110131-011 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**63.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55500 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**10.6**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**59.4 B,C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18500**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**26.2**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**54.0**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**4990 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L687

DISSOLVED Metals

Lot-Sample #...: F6K110131-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	26200	5000	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	240	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	14.0 B	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	16.7 B,C	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L691

DISSOLVED Metals

Lot-Sample #...: F6K110131-013 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**32.0 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**25400 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**26.0 B,C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**8770**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**3110 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L691

DISSOLVED Metals

Lot-Sample #...: F6K110131-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20800**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**107**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**30.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L695

DISSOLVED Metals

Lot-Sample #...: F6K110131-015 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**90.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56800 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**8.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5430**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L695

DISSOLVED Metals

Lot-Sample #...: F6K110131-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25400**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**251**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L699

DISSOLVED Metals

Lot-Sample #...: F6K110131-017 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**86.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**54200 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18100**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**8.8 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**4710 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L699

DISSOLVED Metals

Lot-Sample #...: F6K110131-017 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	25000	5000	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	238	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	12.7 B	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	14.0 B,C	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6B2

DISSOLVED Metals

Lot-Sample #...: F6K110131-019 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**42.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**36700 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.5 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**12400**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**3320 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6B2

DISSOLVED Metals

Lot-Sample #...: F6K110131-019 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**156**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**24.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6W2

DISSOLVED Metals

Lot-Sample #...: F6K140240-001 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**108 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**118000 N**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**13.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**121**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM8N1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**34800**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**10.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**10600**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM8N1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6W2

DISSOLVED Metals

Lot-Sample #...: F6K140240-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	49700	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM8N1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	627	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	9.6 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	13.6 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L762

DISSOLVED Metals

Lot-Sample #...: F6K140240-003 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**89.5 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**97800 N**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**55.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/30-12/05/06	JJM861AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**33900**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**9530**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM861AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L762

DISSOLVED Metals

Lot-Sample #...: F6K140240-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	48600	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM861AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	561	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	13.2 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	15.9 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6P1

DISSOLVED Metals

Lot-Sample #...: F6K140240-005 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**187 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**191000 N**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**38.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**293**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9C1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**53300**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**4.7 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**14000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9C1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6P1

DISSOLVED Metals

Lot-Sample #...: F6K140240-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	146000	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM9C1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	1130	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	12.5 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	14.2 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L777

DISSOLVED Metals

Lot-Sample #...: F6K140240-007 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**97.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**110000 N**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**21.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**252**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9H1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**33600**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**3.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8890**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9H1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L777

DISSOLVED Metals

Lot-Sample #...: F6K140240-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**40000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9H1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**613**	**50.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**11.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**175 C**	**20.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L701

DISSOLVED Metals

Lot-Sample #...: F6K160224-001 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**52.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**60000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**14.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**26.5 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**22.0**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**30.9 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8530**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L701

DISSOLVED Metals

Lot-Sample #...: F6K160224-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	28800	5000	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	339	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	18.2 B	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	20.6	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L709

DISSOLVED Metals

Lot-Sample #...: F6K160224-003 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**183 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**201000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**24.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**410**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**57400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**15400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L709

DISSOLVED Metals

Lot-Sample #...: F6K160224-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**199000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1190**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L705

DISSOLVED Metals

Lot-Sample #...: F6K160224-005 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**188 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**206000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**24.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**418**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**58600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**15500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L705

DISSOLVED Metals

Lot-Sample #...: F6K160224-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**200000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1230**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T0

DISSOLVED Metals

Lot-Sample #...: F6K160224-007 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**64.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**58000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**7700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6T0

DISSOLVED Metals

Lot-Sample #...: F6K160224-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**302**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**18.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R6

DISSOLVED Metals

Lot-Sample #...: F6K160224-009 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**64.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8760**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6R6

DISSOLVED Metals

Lot-Sample #...: F6K160224-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**29700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**295**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**17.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L722

DISSOLVED Metals

Lot-Sample #...: F6K160224-011 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**43.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**43600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**173**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**5.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**6540**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L722

DISSOLVED Metals

Lot-Sample #...: F6K160224-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	16800	5000	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	222	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	20.5 B	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	14.6 B	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R1

DISSOLVED Metals

Lot-Sample #...: F6K160224-013 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**50.6 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**53900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8380**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6R1

DISSOLVED Metals

Lot-Sample #...: F6K160224-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**271**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**17.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L738

DISSOLVED Metals

Lot-Sample #...: F6K160224-015 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**63.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**7290**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L738

DISSOLVED Metals

Lot-Sample #...: F6K160224-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**285**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**18.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6Y6

DISSOLVED Metals

Lot-Sample #...: F6K160224-017 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**69.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**217000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**8.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**461**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**48100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**30.9**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**17300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6Y6

DISSOLVED Metals

Lot-Sample #...: F6K160224-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**319000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1190**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**15.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T8

DISSOLVED Metals

Lot-Sample #...: F6K160224-019 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**78.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**76500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**22300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6T8

DISSOLVED Metals

Lot-Sample #...: F6K160224-019 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**32400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**392**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**17.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2L3

DISSOLVED Metals

Lot-Sample #...: F6K170169-001 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**23.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**9860**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND N	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**4330 B**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**11.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**37.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**286000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2L3

DISSOLVED Metals

Lot-Sample #...: F6K170169-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**50200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**112**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**5.5 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJXW41AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2M3

DISSOLVED Metals

Lot-Sample #...: F6K170169-003 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXH1AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2M8

DISSOLVED Metals

Lot-Sample #...: F6K170169-004 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXM1AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2N2

DISSOLVED Metals

Lot-Sample #...: F6K170169-005 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXV1AA
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L348

DISSOLVED Metals

Lot-Sample #...: F6K170169-006 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXX41AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L354

DISSOLVED Metals

Lot-Sample #...: F6K170169-007 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**71200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**713 N**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**44.8 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5750**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L354

DISSOLVED Metals

Lot-Sample #...: F6K170169-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	11800	5000	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	409	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	7.7 B	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	61.0	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	2.7 B	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXX61AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2V3

DISSOLVED Metals

Lot-Sample #...: F6K170169-009 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**665 N**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**20200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2V3

DISSOLVED Metals

Lot-Sample #...: F6K170169-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**10400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**342**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**7.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**54.3**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AV**
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX2F1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2K7

DISSOLVED Metals

Lot-Sample #...: F6K170169-011 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	**2.7 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX2M1AC**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L300

DISSOLVED Metals

Lot-Sample #...: F6K170169-012 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**30.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND N	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**49.9 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**9040**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**50.6**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**11.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**155000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L300

DISSOLVED Metals

Lot-Sample #...: F6K170169-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**31200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**210**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**3.4 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX2P1AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2T7

DISSOLVED Metals

Lot-Sample #...: F6K170169-014 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**99.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**70600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**366 N**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15800**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**21100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2T7

DISSOLVED Metals

Lot-Sample #...: F6K170169-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**398**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**65.8**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AV**
		Dilution Factor: 1		MDL.....: 9.6		

Prep Batch #...: 6335103

Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX2W1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L344

DISSOLVED Metals

Lot-Sample #...: F6K170169-016 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX261AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2Y4

DISSOLVED Metals

Lot-Sample #...: F6K170169-017 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**28.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**67000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND N	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	**5.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AH**
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**30.4 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**9.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**57.1**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**164000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2Y4

DISSOLVED Metals

Lot-Sample #...: F6K170169-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**66100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**336**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX271AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2N8

DISSOLVED Metals

Lot-Sample #...: F6K170169-019 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**78.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**65000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**547 N**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**16800**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**40000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2N8

DISSOLVED Metals

Lot-Sample #...: F6K170169-019 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**418**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**9.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**2.6 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX3E1AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2P4

DISSOLVED Metals

Lot-Sample #...: F6K170169-021 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**77.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**66700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**561 N**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**40600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2P4

DISSOLVED Metals

Lot-Sample #...: F6K170169-021 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**427**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**9.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX6A1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F6K130000-337 **Prep Batch #...:** 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AE
		Dilution Factor: 1				
Calcium	**36.4 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AJ
		Dilution Factor: 1				
Iron	**36.4 B**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AK**
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AU
		Dilution Factor: 1				
Zinc	**14.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AV**
		Dilution Factor: 1				

MB Lot-Sample #: F6K290000-370 **Prep Batch #...:** 6333370

Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AV
		Dilution Factor: 1				

MB Lot-Sample #: F6K290000-379 **Prep Batch #...:** 6333379

Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AK
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AV
		Dilution Factor: 1				

MB Lot-Sample #: F6K300000-476 **Prep Batch #...:** 6334476

Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AG
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AR
		Dilution Factor: 1				
Strontium	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AU
		Dilution Factor: 1				
Zinc	**12.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JKLEX1AV**
		Dilution Factor: 1				

MB Lot-Sample #: F6L010000-103 **Prep Batch #...:** 6335103

Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JKLRF1AA
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

LCS Lot-Sample#: F6K130000-337 **Prep Batch #...:** 6317337

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	520	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01AW
			Dilution Factor: 1				
Barium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01AX
			Dilution Factor: 1				
Beryllium	500	539	ug/L	108	SW846 6010B	11/13-11/21/06	JJKV01A0
			Dilution Factor: 1				
Cadmium	500	522	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01A1
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01A2
			Dilution Factor: 1				
Chromium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A3
			Dilution Factor: 1				
Cobalt	500	510	ug/L	102	SW846 6010B	11/13-11/21/06	JJKV01A4
			Dilution Factor: 1				
Copper	500	507	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01A5
			Dilution Factor: 1				
Iron	500	565	ug/L	113	SW846 6010B	11/13-11/21/06	JJKV01A6
			Dilution Factor: 1				
Magnesium	10000	10300	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A7
			Dilution Factor: 1				
Manganese	500	519	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01A8
			Dilution Factor: 1				
Nickel	500	513	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A9
			Dilution Factor: 1				
Potassium	10000	9870	ug/L	99	SW846 6010B	11/13-11/21/06	JJKV01CA
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	11/13-11/21/06	JJKV01CD
			Dilution Factor: 1				
Strontium	500	548	ug/L	110	SW846 6010B	11/13-11/21/06	JJKV01CE
			Dilution Factor: 1				
Vanadium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01CF
			Dilution Factor: 1				
Zinc	500	498	ug/L	100	SW846 6010B	11/13-11/21/06	JJKV01CG
			Dilution Factor: 1				
LCS Lot-Sample#: F6K290000-370 **Prep Batch #...:** 6333370							
Antimony	500	526	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1AW
			Dilution Factor: 1				
Barium	500	519	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1AX
			Dilution Factor: 1				
Beryllium	500	559	ug/L	112	SW846 6010B	11/29-12/06/06	JKHHN1A0
			Dilution Factor: 1				
Cadmium	500	537	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A1
			Dilution Factor: 1				
Calcium	10000	10700	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A2
			Dilution Factor: 1				
Chromium	500	528	ug/L	106	SW846 6010B	11/29-12/06/06	JKHHN1A3
			Dilution Factor: 1				
Cobalt	500	527	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1A4
			Dilution Factor: 1				
Copper	500	514	ug/L	103	SW846 6010B	11/29-12/06/06	JKHHN1A5
			Dilution Factor: 1				
Iron	500	518	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1A6
			Dilution Factor: 1				
Magnesium	10000	10900	ug/L	109	SW846 6010B	11/29-12/06/06	JKHHN1A7
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	534	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A8
			Dilution Factor: 1				
Nickel	500	527	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1A9
			Dilution Factor: 1				
Potassium	10000	9960	ug/L	100	SW846 6010B	11/29-12/06/06	JKHHN1CA
			Dilution Factor: 1				
Silver	125	130	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1CC
			Dilution Factor: 1				
Sodium	10000	10300	ug/L	103	SW846 6010B	11/29-12/06/06	JKHHN1CD
			Dilution Factor: 1				
Strontium	500	539	ug/L	108	SW846 6010B	11/29-12/06/06	JKHHN1CE
			Dilution Factor: 1				
Vanadium	500	532	ug/L	106	SW846 6010B	11/29-12/06/06	JKHHN1CF
			Dilution Factor: 1				
Zinc	500	512	ug/L	102	SW846 6010B	11/29-12/06/06	JKHHN1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F6K290000-379 **Prep Batch #...:** 6333379							
Antimony	500	511	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1AW
			Dilution Factor: 1				
Barium	500	487	ug/L	97	SW846 6010B	11/29-12/07/06	JKHKA1AX
			Dilution Factor: 1				
Beryllium	500	532	ug/L	106	SW846 6010B	11/29-12/07/06	JKHKA1A0
			Dilution Factor: 1				
Cadmium	500	512	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1A1
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1A2
			Dilution Factor: 1				
Chromium	500	506	ug/L	101	SW846 6010B	11/29-12/07/06	JKHKA1A3
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	503	ug/L	101	SW846 6010B	11/29-12/07/06	JKHKA1A4
			Dilution Factor: 1				
Copper	500	496	ug/L	99	SW846 6010B	11/29-12/07/06	JKHKA1A5
			Dilution Factor: 1				
Iron	500	537	ug/L	107	SW846 6010B	11/29-12/07/06	JKHKA1A6
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	11/29-12/07/06	JKHKA1A7
			Dilution Factor: 1				
Manganese	500	511	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1A8
			Dilution Factor: 1				
Nickel	500	502	ug/L	100	SW846 6010B	11/29-12/07/06	JKHKA1A9
			Dilution Factor: 1				
Potassium	10000	11300	ug/L	113	SW846 6010B	11/29-12/07/06	JKHKA1CA
			Dilution Factor: 1				
Silver	125	127	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1CC
			Dilution Factor: 1				
Sodium	10000	10400	ug/L	104	SW846 6010B	11/29-12/07/06	JKHKA1CD
			Dilution Factor: 1				
Strontium	500	515	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1CE
			Dilution Factor: 1				
Vanadium	500	510	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1CF
			Dilution Factor: 1				
Zinc	500	513	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1CG
			Dilution Factor: 1				

LCS Lot-Sample#: F6K300000-476 **Prep Batch #...:** 6334476

Antimony	500	502	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1AW
			Dilution Factor: 1				
Barium	500	490	ug/L	98	SW846 6010B	11/30-12/06/06	JKLEX1AX
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	500	526	ug/L	105	SW846 6010B	11/30-12/06/06	JKLEX1A0
			Dilution Factor: 1				
Cadmium	500	508	ug/L	102	SW846 6010B	11/30-12/06/06	JKLEX1A1
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1A2
			Dilution Factor: 1				
Chromium	500	499	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1A3
			Dilution Factor: 1				
Cobalt	500	498	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1A4
			Dilution Factor: 1				
Copper	500	488	ug/L	98	SW846 6010B	11/30-12/06/06	JKLEX1A5
			Dilution Factor: 1				
Iron	500	508	ug/L	102	SW846 6010B	11/30-12/05/06	JKLEX1A6
			Dilution Factor: 1				
Magnesium	10000	10300	ug/L	103	SW846 6010B	11/30-12/06/06	JKLEX1A7
			Dilution Factor: 1				
Manganese	500	505	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1A8
			Dilution Factor: 1				
Nickel	500	497	ug/L	99	SW846 6010B	11/30-12/06/06	JKLEX1A9
			Dilution Factor: 1				
Potassium	10000	9680	ug/L	97	SW846 6010B	11/30-12/05/06	JKLEX1CA
			Dilution Factor: 1				
Silver	125	124	ug/L	99	SW846 6010B	11/30-12/06/06	JKLEX1CC
			Dilution Factor: 1				
Sodium	10000	9980	ug/L	100	SW846 6010B	11/30-12/05/06	JKLEX1CD
			Dilution Factor: 1				
Strontium	500	504	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1CE
			Dilution Factor: 1				
Vanadium	500	508	ug/L	102	SW846 6010B	11/30-12/06/06	JKLEX1CF
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	500	481	ug/L	96	SW846 6010B	11/30-12/06/06	JKLEX1CG

Dilution Factor: 1

LCS Lot-Sample#: F6L010000-103 **Prep Batch #...:** 6335103

Arsenic	500	464	ug/L	93	SW846 6020	12/01-12/07/06	JKLRF1AC

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 #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F6K100182-001 **Prep Batch #...:** 6317337									
Antimony									
	ND	250	253	ug/L	101		SW846 6010B	11/13-11/21/06	JJFDF1AW
	ND	250	264	ug/L	106	4.1	SW846 6010B	11/13-11/21/06	JJFDF1AX
			Dilution Factor: 1						
Barium									
	52.9	1000	1040	ug/L	99		SW846 6010B	11/13-11/21/06	JJFDF1A0
	52.9	1000	1100	ug/L	104	4.8	SW846 6010B	11/13-11/21/06	JJFDF1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	26.4	ug/L	106		SW846 6010B	11/13-11/21/06	JJFDF1A2
	ND	25.0	28.1	ug/L	113	6.4	SW846 6010B	11/13-11/21/06	JJFDF1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.0	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1A4
	ND	25.0	26.1	ug/L	104	4.3	SW846 6010B	11/13-11/21/06	JJFDF1A5
			Dilution Factor: 1						
Calcium									
	61600	25000	83100	ug/L	86		SW846 6010B	11/13-11/21/06	JJFDF1A6
	61600	25000	88000	ug/L	106	5.8	SW846 6010B	11/13-11/21/06	JJFDF1A7
			Dilution Factor: 1						
Chromium									
	125	100	217	ug/L	92		SW846 6010B	11/13-11/21/06	JJFDF1A8
	125	100	233	ug/L	108	7.0	SW846 6010B	11/13-11/21/06	JJFDF1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	238	ug/L	95		SW846 6010B	11/13-11/21/06	JJFDF1CA
	ND	250	253	ug/L	101	6.2	SW846 6010B	11/13-11/21/06	JJFDF1CC
			Dilution Factor: 1						
Copper									
	ND	125	123	ug/L	98		SW846 6010B	11/13-11/21/06	JJFDF1CD
	ND	125	129	ug/L	103	5.2	SW846 6010B	11/13-11/21/06	JJFDF1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	508	ug/L	102		SW846 6010B	11/13-11/21/06	JJFDF1CF
	ND	500	543	ug/L	109	6.7	SW846 6010B	11/13-11/21/06	JJFDF1CG
			Dilution Factor: 1						
Magnesium									
	12100	25000	35600	ug/L	94		SW846 6010B	11/13-11/21/06	JJFDF1CH
	12100	25000	37900	ug/L	103	6.2	SW846 6010B	11/13-11/21/06	JJFDF1CJ
			Dilution Factor: 1						
Manganese									
	ND	250	248	ug/L	99		SW846 6010B	11/13-11/21/06	JJFDF1CK
	ND	250	263	ug/L	105	5.9	SW846 6010B	11/13-11/21/06	JJFDF1CL
			Dilution Factor: 1						
Nickel									
	ND	250	241	ug/L	96		SW846 6010B	11/13-11/21/06	JJFDF1CM
	ND	250	254	ug/L	102	5.4	SW846 6010B	11/13-11/21/06	JJFDF1CN
			Dilution Factor: 1						
Potassium									
	2360	25000	27400	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1CP
	2360	25000	28500	ug/L	105	3.9	SW846 6010B	11/13-11/21/06	JJFDF1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.1	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1CR
	ND	25.0	24.6	ug/L	98	1.9	SW846 6010B	11/13-11/21/06	JJFDF1CT
			Dilution Factor: 1						
Sodium									
	7980	25000	31900	ug/L	96		SW846 6010B	11/13-11/21/06	JJFDF1CU
	7980	25000	34100	ug/L	105	6.7	SW846 6010B	11/13-11/21/06	JJFDF1CV
			Dilution Factor: 1						
Strontium									
	305	500	817	ug/L	103		SW846 6010B	11/13-11/21/06	JJFDF1CW
	305	500	868	ug/L	113	6.0	SW846 6010B	11/13-11/21/06	JJFDF1CX
			Dilution Factor: 1						
Vanadium									
	ND	250	251	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1C0
	ND	250	264	ug/L	106	5.1	SW846 6010B	11/13-11/21/06	JJFDF1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	18.8	250	242	ug/L	89		SW846 6010B	11/13-11/21/06	JJFDF1C2
	18.8	250	257	ug/L	95	6.1	SW846 6010B	11/13-11/21/06	JJFDF1C3

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 #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

MS Lot-Sample #: F6K140240-001 **Prep Batch #...:** 6334476

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	246	ug/L	99		SW846 6010B	11/30-12/06/06	JJM8N1AW
	ND	250	249	ug/L	100	1.0	SW846 6010B	11/30-12/06/06	JJM8N1AX
			Dilution Factor: 1						
Barium									
	108	1000	1130	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1A0
	108	1000	1120	ug/L	101	0.83	SW846 6010B	11/30-12/06/06	JJM8N1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.0	ug/L	108		SW846 6010B	11/30-12/06/06	JJM8N1A2
	ND	25.0	26.9	ug/L	108	0.44	SW846 6010B	11/30-12/06/06	JJM8N1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	24.7	ug/L	99		SW846 6010B	11/30-12/06/06	JJM8N1A4
	ND	25.0	24.6	ug/L	98	0.16	SW846 6010B	11/30-12/06/06	JJM8N1A5
			Dilution Factor: 1						
Calcium									
	118000	25000	159000	ug/L	163		SW846 6010B	11/30-12/06/06	JJM8N1A6
			Qualifiers: N						
	118000	25000	156000	ug/L	150	2.1	SW846 6010B	11/30-12/06/06	JJM8N1A7
			Qualifiers: N						
			Dilution Factor: 1						
Chromium									
	13.5	100	115	ug/L	101		SW846 6010B	11/30-12/06/06	JJM8N1A8
	13.5	100	113	ug/L	99	1.6	SW846 6010B	11/30-12/06/06	JJM8N1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	241	ug/L	97		SW846 6010B	11/30-12/06/06	JJM8N1CA
	ND	250	240	ug/L	96	0.44	SW846 6010B	11/30-12/06/06	JJM8N1CC
			Dilution Factor: 1						
Copper									
	ND	125	127	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1CD
	ND	125	126	ug/L	100	1.0	SW846 6010B	11/30-12/06/06	JJM8N1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	121	500	639	ug/L	104		SW846 6010B	11/30-12/05/06	JJM8N1CF
	121	500	630	ug/L	102	1.4	SW846 6010B	11/30-12/05/06	JJM8N1CG
			Dilution Factor: 1						
Magnesium									
	34800	25000	64600	ug/L	119		SW846 6010B	11/30-12/06/06	JJM8N1CH
	34800	25000	63400	ug/L	115	1.8	SW846 6010B	11/30-12/06/06	JJM8N1CJ
			Dilution Factor: 1						
Manganese									
	10.4	250	261	ug/L	100		SW846 6010B	11/30-12/06/06	JJM8N1CK
	10.4	250	259	ug/L	100	0.51	SW846 6010B	11/30-12/06/06	JJM8N1CL
			Dilution Factor: 1						
Nickel									
	ND	250	245	ug/L	98		SW846 6010B	11/30-12/06/06	JJM8N1CM
	ND	250	244	ug/L	98	0.45	SW846 6010B	11/30-12/06/06	JJM8N1CN
			Dilution Factor: 1						
Potassium									
	10600	25000	37700	ug/L	108		SW846 6010B	11/30-12/05/06	JJM8N1CP
	10600	25000	36600	ug/L	104	3.0	SW846 6010B	11/30-12/05/06	JJM8N1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	24.1	ug/L	96		SW846 6010B	11/30-12/06/06	JJM8N1CR
	ND	25.0	24.5	ug/L	98	1.4	SW846 6010B	11/30-12/06/06	JJM8N1CT
			Dilution Factor: 1						
Sodium									
	49700	25000	79300	ug/L	118		SW846 6010B	11/30-12/05/06	JJM8N1CU
	49700	25000	78000	ug/L	113	1.7	SW846 6010B	11/30-12/05/06	JJM8N1CV
			Dilution Factor: 1						
Strontium									
	627	500	1230	ug/L	120		SW846 6010B	11/30-12/06/06	JJM8N1CW
	627	500	1210	ug/L	117	1.5	SW846 6010B	11/30-12/06/06	JJM8N1CX
			Dilution Factor: 1						
Vanadium									
	9.6	250	264	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1C0
	9.6	250	263	ug/L	101	0.46	SW846 6010B	11/30-12/06/06	JJM8N1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	13.6	250	244	ug/L	92		SW846 6010B	11/30-12/06/06	JJM8N1C2
	13.6	250	243	ug/L	92	0.08	SW846 6010B	11/30-12/06/06	JJM8N1C3

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

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

MS Lot-Sample #: F6K160224-001 **Prep Batch #...:** 6333370

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	255	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1AW
	ND	250	259	ug/L	103	1.3	SW846 6010B	11/29-12/06/06	JJVAM1AX
			Dilution Factor: 1						
Barium									
	52.2	1000	1080	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A0
	52.2	1000	1080	ug/L	103	0.41	SW846 6010B	11/29-12/06/06	JJVAM1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.7	ug/L	111		SW846 6010B	11/29-12/06/06	JJVAM1A2
	ND	25.0	27.8	ug/L	111	0.32	SW846 6010B	11/29-12/06/06	JJVAM1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.6	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A4
	ND	25.0	25.6	ug/L	102	0.0	SW846 6010B	11/29-12/06/06	JJVAM1A5
			Dilution Factor: 1						
Calcium									
	60000	25000	84500	ug/L	98		SW846 6010B	11/29-12/06/06	JJVAM1A6
	60000	25000	84500	ug/L	98	0.04	SW846 6010B	11/29-12/06/06	JJVAM1A7
			Dilution Factor: 1						
Chromium									
	14.5	100	116	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A8
	14.5	100	117	ug/L	102	0.41	SW846 6010B	11/29-12/06/06	JJVAM1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	249	ug/L	99		SW846 6010B	11/29-12/06/06	JJVAM1CA
	ND	250	250	ug/L	100	0.45	SW846 6010B	11/29-12/06/06	JJVAM1CC
			Dilution Factor: 1						
Copper									
	ND	125	129	ug/L	103		SW846 6010B	11/29-12/06/06	JJVAM1CD
	ND	125	130	ug/L	104	0.31	SW846 6010B	11/29-12/06/06	JJVAM1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	26.5	500	553	ug/L	105		SW846 6010B	11/29-12/06/06	JJVAM1CF
	26.5	500	553	ug/L	105	0.06	SW846 6010B	11/29-12/06/06	JJVAM1CG
			Dilution Factor: 1						
Magnesium									
	17600	25000	43100	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1CH
	17600	25000	43100	ug/L	102	0.09	SW846 6010B	11/29-12/06/06	JJVAM1CJ
			Dilution Factor: 1						
Manganese									
	22.0	250	276	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1CK
	22.0	250	278	ug/L	102	0.38	SW846 6010B	11/29-12/06/06	JJVAM1CL
			Dilution Factor: 1						
Nickel									
	30.9	250	280	ug/L	100		SW846 6010B	11/29-12/06/06	JJVAM1CM
	30.9	250	281	ug/L	100	0.33	SW846 6010B	11/29-12/06/06	JJVAM1CN
			Dilution Factor: 1						
Potassium									
	8530	25000	35400	ug/L	107		SW846 6010B	11/29-12/06/06	JJVAM1CP
	8530	25000	34300	ug/L	103	3.1	SW846 6010B	11/29-12/06/06	JJVAM1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.2	ug/L	101		SW846 6010B	11/29-12/06/06	JJVAM1CR
	ND	25.0	25.9	ug/L	104	2.8	SW846 6010B	11/29-12/06/06	JJVAM1CT
			Dilution Factor: 1						
Sodium									
	28800	25000	54800	ug/L	104		SW846 6010B	11/29-12/06/06	JJVAM1CU
	28800	25000	54400	ug/L	102	0.77	SW846 6010B	11/29-12/06/06	JJVAM1CV
			Dilution Factor: 1						
Strontium									
	339	500	864	ug/L	105		SW846 6010B	11/29-12/06/06	JJVAM1CW
	339	500	866	ug/L	105	0.22	SW846 6010B	11/29-12/06/06	JJVAM1CX
			Dilution Factor: 1						
Vanadium									
	18.2	250	276	ug/L	103		SW846 6010B	11/29-12/06/06	JJVAM1C0
	18.2	250	277	ug/L	104	0.24	SW846 6010B	11/29-12/06/06	JJVAM1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	20.6	250	263	ug/L	97		SW846 6010B	11/29-12/06/06	JJVAM1C2
	20.6	250	263	ug/L	97	0.08	SW846 6010B	11/29-12/06/06	JJVAM1C3

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 #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F6K170169-001 **Prep Batch #...:** 6335103									
Arsenic									
	5.5	1000	984	ug/L	98		SW846 6020	12/01-12/07/06	JJXW41AX
	5.5	1000	979	ug/L	97	0.48	SW846 6020	12/01-12/07/06	JJXW41A0

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 #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

MS Lot-Sample #: F6K170169-007 **Prep Batch #...:** 6333379

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	243	ug/L	97		SW846 6010B	11/29-12/07/06	JJXX61AX
	ND	250	257	ug/L	103	5.5	SW846 6010B	11/29-12/07/06	JJXX61A0
			Dilution Factor: 1						
Barium									
	67.3	1000	1020	ug/L	95		SW846 6010B	11/29-12/07/06	JJXX61A1
	67.3	1000	1060	ug/L	100	4.0	SW846 6010B	11/29-12/07/06	JJXX61A2
			Dilution Factor: 1						
Beryllium									
	ND	25.0	25.6	ug/L	102		SW846 6010B	11/29-12/07/06	JJXX61A3
	ND	25.0	26.6	ug/L	106	3.9	SW846 6010B	11/29-12/07/06	JJXX61A4
			Dilution Factor: 1						
Cadmium									
	ND	25.0	23.6	ug/L	94		SW846 6010B	11/29-12/07/06	JJXX61A5
	ND	25.0	24.7	ug/L	99	4.7	SW846 6010B	11/29-12/07/06	JJXX61A6
			Dilution Factor: 1						
Calcium									
	71200	25000	89900	ug/L	75		SW846 6010B	11/29-12/07/06	JJXX61A7
	71200	25000	94500	ug/L	93	4.9	SW846 6010B	11/29-12/07/06	JJXX61A8
			Dilution Factor: 1						
Chromium									
	713	100	751 N	ug/L	38		SW846 6010B	11/29-12/07/06	JJXX61A9
	713	100	795	ug/L	82	5.7	SW846 6010B	11/29-12/07/06	JJXX61CA
			Dilution Factor: 1						
Cobalt									
	ND	250	230	ug/L	92		SW846 6010B	11/29-12/07/06	JJXX61CC
	ND	250	239	ug/L	96	4.0	SW846 6010B	11/29-12/07/06	JJXX61CD
			Dilution Factor: 1						
Copper									
	ND	125	113	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CE
	ND	125	118	ug/L	94	4.2	SW846 6010B	11/29-12/07/06	JJXX61CF
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	44.8	500	546	ug/L	100		SW846 6010B	11/29-12/07/06	JJXX61CG
	44.8	500	570	ug/L	105	4.2	SW846 6010B	11/29-12/07/06	JJXX61CH
			Dilution Factor: 1						
Magnesium									
	17300	25000	40100	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CJ
	17300	25000	41900	ug/L	99	4.4	SW846 6010B	11/29-12/07/06	JJXX61CK
			Dilution Factor: 1						
Manganese									
	ND	250	239	ug/L	96		SW846 6010B	11/29-12/07/06	JJXX61CL
	ND	250	248	ug/L	99	3.8	SW846 6010B	11/29-12/07/06	JJXX61CM
			Dilution Factor: 1						
Nickel									
	ND	250	231	ug/L	92		SW846 6010B	11/29-12/07/06	JJXX61CN
	ND	250	240	ug/L	96	3.8	SW846 6010B	11/29-12/07/06	JJXX61CP
			Dilution Factor: 1						
Potassium									
	5750	25000	28900	ug/L	93		SW846 6010B	11/29-12/07/06	JJXX61CQ
	5750	25000	30900	ug/L	101	6.7	SW846 6010B	11/29-12/07/06	JJXX61CR
			Dilution Factor: 1						
Silver									
	ND	25.0	21.6	ug/L	86		SW846 6010B	11/29-12/07/06	JJXX61CT
	ND	25.0	23.5	ug/L	94	8.4	SW846 6010B	11/29-12/07/06	JJXX61CU
			Dilution Factor: 1						
Sodium									
	11800	25000	36100	ug/L	97		SW846 6010B	11/29-12/07/06	JJXX61CV
	11800	25000	37700	ug/L	103	4.2	SW846 6010B	11/29-12/07/06	JJXX61CW
			Dilution Factor: 1						
Strontium									
	409	500	865	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CX
	409	500	905	ug/L	99	4.6	SW846 6010B	11/29-12/07/06	JJXX61C0
			Dilution Factor: 1						
Vanadium									
	7.7	250	247	ug/L	96		SW846 6010B	11/29-12/07/06	JJXX61C1
	7.7	250	257	ug/L	100	3.6	SW846 6010B	11/29-12/07/06	JJXX61C2
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	61.0	250	297	ug/L	94		SW846 6010B	11/29-12/07/06	JJXX61C3
	61.0	250	307	ug/L	98	3.3	SW846 6010B	11/29-12/07/06	JJXX61C4

Dilution Factor: 1

MS Lot-Sample #: F6K170169-007 **Prep Batch #...:** 6335103

Arsenic									
	2.7	1000	930	ug/L	93		SW846 6020	12/01-12/07/06	JJXX61C5
	2.7	1000	930	ug/L	93	0.05	SW846 6020	12/01-12/07/06	JJXX61C6

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.

WET CHEMISTRY

Pacific Northwest National Laboratory

Client Sample ID: B1L6N7

General Chemistry

Lot-Sample #...: F6K110131-002 **Work Order #...:** JJHWN **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**0.049**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
		B,C,N				
		Dilution Factor: 1		MDL.....: 0.023		
Fluoride	ND	0.10	mg/L	MCAWW 300.0A	11/11/06	6341337
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	ND	0.020	mg/L	MCAWW 300.0A	11/11/06	6341340
		Dilution Factor: 1		MDL.....: 0.0040		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**0.062**	**0.50**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
		B,C,N				
		Dilution Factor: 1		MDL.....: 0.050		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L6N3

General Chemistry

Lot-Sample #...: F6K110131-004 **Work Order #...:** JJHWT **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**19.7 C,DN**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
	Dilution Factor: 10			MDL.....: 0.23		
Fluoride	**0.32**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341337**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**4.6 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341340**
	Dilution Factor: 10			MDL.....: 0.040		
Nitrite	**0.60 DN**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341339**
	Dilution Factor: 10			MDL.....: 0.040		
Sulfate	**59.8 C,DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
	Dilution Factor: 10			MDL.....: 0.50		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L792

General Chemistry

Lot-Sample #...: F6K110131-006 **Work Order #...:** JJHXA **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**35.4 C,DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11-11/12/06**	**6341336**
	Dilution Factor: 50			MDL.....: 1.1		
Fluoride	**0.62**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/11-11/12/06**	**6341337**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**151 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11-11/12/06**	**6341340**
	Dilution Factor: 500			MDL.....: 2.0		
Nitrite	ND D,N	1.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341339
	Dilution Factor: 50			MDL.....: 0.20		
Sulfate	**151 C,DN**	**25.0**	**mg/L**	**MCAWW 300.0A**	**11/11-11/12/06**	**6341338**
	Dilution Factor: 50			MDL.....: 2.5		
Total Cyanide	**112**	**5.0**	**ug/L**	**SW846 9012**	**11/22-11/27/06**	**6326319**
	Dilution Factor: 1			MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L783

General Chemistry

Lot-Sample #...: F6K110131-008 **Work Order #...:** JJH0E **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**54.1 C,DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
		Dilution Factor: 50		MDL.....: 1.1		
Fluoride	**0.19**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341337**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**165 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341340**
		Dilution Factor: 500		MDL.....: 2.0		
Nitrite	ND D,N	1.0	mg/L	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 50		MDL.....: 0.20		
Sulfate	**259 C,DN**	**25.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
		Dilution Factor: 50		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L787

General Chemistry

Lot-Sample #...: F6K110131-010 **Work Order #...:** JJH0G **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**60.7 C,DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
	Dilution Factor: 50			MDL.....: 1.1		
Fluoride	**0.18**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341337**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**160 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341340**
	Dilution Factor: 500			MDL.....: 2.0		
Nitrite	**1.7 DN**	**1.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341339**
	Dilution Factor: 50			MDL.....: 0.20		
Sulfate	**269 C,DN**	**25.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
	Dilution Factor: 50			MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L688

General Chemistry

Lot-Sample #...: F6K110131-012 **Work Order #...:** JJH0J **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	44.1 C,DN	4.0	mg/L	MCAWW 300.0A	11/11/06	6341336
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.41	0.10	mg/L	MCAWW 300.0A	11/11/06	6341337
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	15.5 D	0.40	mg/L	MCAWW 300.0A	11/11/06	6341340
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	1.4 DN	0.40	mg/L	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	54.6 C,DN	10.0	mg/L	MCAWW 300.0A	11/11/06	6341338
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	82.0	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L692

General Chemistry

Lot-Sample #...: F6K110131-014 Work Order #...: JJH0L Matrix.....: WATER
Date Sampled...: 11/10/06 Date Received..: 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	8.2 C,DN	2.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341336
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	0.48	0.10	mg/L	MCAWW 300.0A	11/11-11/12/06	6341337
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	4.8 D	0.20	mg/L	MCAWW 300.0A	11/11-11/12/06	6341340
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	0.16 N	0.020	mg/L	MCAWW 300.0A	11/11-11/12/06	6341339
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	17.1 C,DN	5.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341338
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	83.0	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L696

General Chemistry

Lot-Sample #...: F6K110131-016 **Work Order #...:** JJH0N **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**19.0 C,DN**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	**0.41**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341337**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**7.0 D**	**0.40**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341340**
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	ND D,N	0.40	mg/L	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	**13.9 C,DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	**85.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/17-11/23/06**	**6324160**
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L6B0

General Chemistry

Lot-Sample #...: F6K110131-018 Work Order #...: JJH0Q Matrix.....: WATER
Date Sampled...: 11/10/06 Date Received..: 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	44.0 C,DN	4.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341336
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.43	0.10	mg/L	MCAWW 300.0A	11/11/06	6341337
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	19.5 D	0.40	mg/L	MCAWW 300.0A	11/11-11/12/06	6341340
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	1.2 DN	0.40	mg/L	MCAWW 300.0A	11/11-11/12/06	6341339
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	35.6 C,DN	10.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341338
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	79.0	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6B3

General Chemistry

Lot-Sample #...: F6K110131-020 Work Order #...: JJH0V Matrix.....: WATER
Date Sampled...: 11/10/06 Date Received..: 11/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	22.6 C,DN	2.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341336
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	0.50	0.10	mg/L	MCAWW 300.0A	11/11-11/12/06	6341337
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	6.4 D	0.20	mg/L	MCAWW 300.0A	11/11-11/12/06	6341340
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	0.69 DN	0.20	mg/L	MCAWW 300.0A	11/11-11/12/06	6341339
		Dilution Factor: 10		MDL.....: 0.040		
Sulfate	22.9 C,DN	5.0	mg/L	MCAWW 300.0A	11/11-11/12/06	6341338
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	86.0	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6W3

General Chemistry

Lot-Sample #...: F6K140240-002 **Work Order #...:** JJM8W **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**29.1 C,DN**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320127**
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	**0.31**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/14/06**	**6320128**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**96.7 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320131**
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	ND D	0.40	mg/L	MCAWW 300.0A	11/14-11/15/06	6320130
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	**140 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320129**
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	**93.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/17-11/23/06**	**6324160**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	**29.0**	**5.0**	**ug/L**	**SW846 9012**	**11/22-11/27/06**	**6326319**
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L763

General Chemistry

Lot-Sample #...: F6K140240-004 Work Order #...: JJM88 Matrix.....: WATER
Date Sampled...: 11/13/06 Date Received..: 11/14/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	23.2 C,DN	4.0	mg/L	MCAWW 300.0A	11/14-11/15/06	6320127
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.28	0.10	mg/L	MCAWW 300.0A	11/14-11/15/06	6320128
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	64.8 D	2.0	mg/L	MCAWW 300.0A	11/14-11/15/06	6320131
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	0.76 DN	0.40	mg/L	MCAWW 300.0A	11/14-11/15/06	6320130
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	116 D	10.0	mg/L	MCAWW 300.0A	11/14-11/15/06	6320129
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	106	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6P2

General Chemistry

Lot-Sample #...: F6K140240-006 **Work Order #...:** JJM9E **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**33.2 C,DN**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320127**
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	**0.65**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/14/06**	**6320128**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**263 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**12/13-12/14/06**	**6348357**
		Dilution Factor: 500		MDL.....: 2.0		
Nitrite	ND N	0.020	mg/L	MCAWW 300.0A	11/14/06	6320130
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**170 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320129**
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	**96.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/17-11/23/06**	**6324160**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	**435**	**5.0**	**ug/L**	**SW846 9012**	**11/22-11/27/06**	**6326319**
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L778

General Chemistry

Lot-Sample #...: F6K140240-008 **Work Order #...:** JJM9K **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**17.6 C,DN**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320127**
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	**0.29**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320128**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**86.0 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320131**
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	ND D,N	0.40	mg/L	MCAWW 300.0A	11/14-11/15/06	6320130
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	**92.3 D**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/14-11/15/06**	**6320129**
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	**87.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/17-11/23/06**	**6324160**
		Dilution Factor: 1		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L702

General Chemistry

Lot-Sample #...: F6K160224-002 Work Order #...: JJVAP Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	24.1 C,D	2.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	0.67 N	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	17.6 D	1.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 50		MDL.....: 0.20		
Nitrite	0.34 N	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	85.8 DN	5.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	108	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	16.4 C,N	5.0	ug/L	SW846 9012	12/06-12/13/06	6333223
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L710

General Chemistry

Lot-Sample #...: F6K160224-004 Work Order #...: JJVAV Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	36.3 C,DN	4.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.20 N	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	275 D	10.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 500		MDL.....: 2.0		
Nitrite	0.42 N	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	202 DN	10.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	100	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	656	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L706

General Chemistry

Lot-Sample #...: F6K160224-006 Work Order #...: JJVCG Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	37.4 C,DN	4.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.20 N	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	268 D	10.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 500		MDL.....: 2.0		
Nitrite	0.39 N	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	204 DN	10.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	101	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	337	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T1

General Chemistry

Lot-Sample #...: F6K160224-008 Work Order #...: JJVCL Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	20.0 C,DN	2.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	0.35 N	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	7.7 D	0.20	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	0.23 N	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	82.9 DN	5.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	125	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	6.1	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R7

General Chemistry

Lot-Sample #...: F6K160224-010 Work Order #...: JJVCP Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	21.5 C,DN	4.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.36 N	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	7.7 D	0.40	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	0.29 N	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	81.3 DN	10.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 20		MDL.....: 1.0		
Total Alkalinity	125	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L723

General Chemistry

Lot-Sample #...: F6K160224-012 **Work Order #...:** JJVCR **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**12.2 C,DN**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328244**
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	**0.36 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328245**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**3.2 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328248**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	**0.15 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328247**
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**46.7 DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328246**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**115**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/22-11/23/06**	**6326090**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R2

General Chemistry

Lot-Sample #...: F6K160224-014 **Work Order #...:** JJVCW **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**19.3 C,DN**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328244**
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	**0.32 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328245**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**7.4 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328248**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	**0.24 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328247**
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**68.9 DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328246**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**121**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/22-11/23/06**	**6326090**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L739

General Chemistry

Lot-Sample #...: F6K160224-016 **Work Order #...:** JJVDF **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**16.9 C,DN**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328244**
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	**0.34 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328245**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**7.1 D**	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328248**
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	**0.23 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328247**
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**87.5 DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328246**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**125**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/22-11/23/06**	**6326090**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6Y7

General Chemistry

Lot-Sample #...: F6K160224-018 Work Order #...: JJVDM Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	178 C,DN	20.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328244
		Dilution Factor: 100		MDL.....: 2.3		
Fluoride	0.79 N	0.10	mg/L	MCAWW 300.0A	11/16-11/17/06	6328245
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	317 D	2.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328248
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	2.5 N	0.020	mg/L	MCAWW 300.0A	11/16-11/17/06	6328247
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	210 DN	50.0	mg/L	MCAWW 300.0A	11/16-11/17/06	6328246
		Dilution Factor: 100		MDL.....: 5.0		
Total Alkalinity	64.0	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	236	5.0	ug/L	SW846 9012	12/28-01/05/07	6356120
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T9

General Chemistry

Lot-Sample #...: F6K160224-020 **Work Order #...:** JJVD3 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**17.9 C,DN**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328244**
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	**0.38 N**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328245**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**32.1 D**	**2.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328248**
		Dilution Factor: 100		MDL.....: 0.40		
Nitrite	**0.37 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328247**
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**82.8 DN**	**5.0**	**mg/L**	**MCAWW 300.0A**	**11/16-11/17/06**	**6328246**
		Dilution Factor: 10		MDL.....: 0.50		
Total Alkalinity	**115**	**5.0**	**mg/L**	**MCAWW 310.1**	**11/22-11/23/06**	**6326090**
		Dilution Factor: 1		MDL.....: 2.5		
Total Cyanide	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1		MDL.....: 2.4		

NOTE(S):

RL Reporting Limit

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

Pacific Northwest National Laboratory

Client Sample ID: B1L2L4

General Chemistry

Lot-Sample #...: F6K170169-002 **Work Order #...:** JJXXA **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**32.4 C,D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324291**
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	**0.45**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324292**
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	**1.7 DN**	**0.40**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324295**
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	**0.56 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324294**
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	**298 DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324293**
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L355

General Chemistry

Lot-Sample #...: F6K170169-008 Work Order #...: JJX1J Matrix.....: WATER
Date Sampled...: 11/14/06 Date Received..: 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	24.1 C,D	4.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324291
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.12	0.10	mg/L	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	11.8 DN	0.40	mg/L	MCAWW 300.0A	11/15-11/16/06	6324295
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	0.34 N	0.020	mg/L	MCAWW 300.0A	11/15/06	6324294
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	109 DN	10.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324293
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2V4

General Chemistry

Lot-Sample #...: F6K170169-010 Work Order #...: JJX2K Matrix.....: WATER
Date Sampled...: 11/14/06 Date Received..: 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	17.6 C,D	4.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324291
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.15	0.10	mg/L	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	8.3 DN	0.40	mg/L	MCAWW 300.0A	11/15-11/16/06	6324295
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	0.27 N	0.020	mg/L	MCAWW 300.0A	11/15/06	6324294
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	84.7 DN	10.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324293
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L301

General Chemistry

Lot-Sample #...: F6K170169-013 Work Order #...: JJX2R Matrix.....: WATER
Date Sampled...: 11/14/06 Date Received..: 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	38.3 C,D	4.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324291
		Dilution Factor: 20		MDL.....: 0.46		
Fluoride	0.30	0.10	mg/L	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	5.6 DN	0.40	mg/L	MCAWW 300.0A	11/15-11/16/06	6324295
		Dilution Factor: 20		MDL.....: 0.080		
Nitrite	1.7 B,DN	14.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324294
		Dilution Factor: 20		MDL.....: 0.080		
Sulfate	190 DN	10.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324293
		Dilution Factor: 20		MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2T8

General Chemistry

Lot-Sample #...: F6K170169-015 **Work Order #...:** JJX2X **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**31.6 C,D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324291**
	Dilution Factor: 20			MDL.....: 0.46		
Fluoride	**0.19**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324292**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**11.8 DN**	**0.40**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324295**
	Dilution Factor: 20			MDL.....: 0.080		
Nitrite	**0.62 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324294**
	Dilution Factor: 1			MDL.....: 0.0040		
Sulfate	**140 DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324293**
	Dilution Factor: 20			MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2Y5

General Chemistry

Lot-Sample #...: F6K170169-018 Work Order #...: JJX29 Matrix.....: WATER
Date Sampled...: 11/14/06 Date Received..: 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	29.9 C,D	2.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324291
		Dilution Factor: 10		MDL.....: 0.23		
Fluoride	0.38	0.10	mg/L	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1		MDL.....: 0.020		
Nitrate	1.5 DN	0.20	mg/L	MCAWW 300.0A	11/15-11/16/06	6324295
		Dilution Factor: 10		MDL.....: 0.040		
Nitrite	0.62 N	0.020	mg/L	MCAWW 300.0A	11/15/06	6324294
		Dilution Factor: 1		MDL.....: 0.0040		
Sulfate	366 DN	25.0	mg/L	MCAWW 300.0A	11/15-11/16/06	6324293
		Dilution Factor: 50		MDL.....: 2.5		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2N9

General Chemistry

Lot-Sample #...: F6K170169-020 **Work Order #...:** JJX3G **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**31.7 C,D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324291**
	Dilution Factor: 20			MDL.....: 0.46		
Fluoride	**0.13**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324292**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**13.4 DN**	**0.40**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324295**
	Dilution Factor: 20			MDL.....: 0.080		
Nitrite	**0.67 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324294**
	Dilution Factor: 1			MDL.....: 0.0040		
Sulfate	**125 DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324293**
	Dilution Factor: 20			MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

Pacific Northwest National Laboratory

Client Sample ID: B1L2P5

General Chemistry

Lot-Sample #...: F6K170169-022 **Work Order #...:** JJX6G **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	**31.7 C,D**	**4.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324291**
	Dilution Factor: 20			MDL.....: 0.46		
Fluoride	**0.14**	**0.10**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324292**
	Dilution Factor: 1			MDL.....: 0.020		
Nitrate	**13.9 DN**	**0.40**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324295**
	Dilution Factor: 20			MDL.....: 0.080		
Nitrite	**0.44 N**	**0.020**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324294**
	Dilution Factor: 1			MDL.....: 0.0040		
Sulfate	**126 DN**	**10.0**	**mg/L**	**MCAWW 300.0A**	**11/15-11/16/06**	**6324293**
	Dilution Factor: 20			MDL.....: 1.0		

NOTE(S):

RL Reporting Limit

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: JK2WT1AA		MB Lot-Sample #:	F6L070000-336	
	0.051 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341336**
		Dilution Factor: 1				
Chloride		Work Order #: JLJGG1AA		MB Lot-Sample #:	F6K160000-127	
	0.051 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/14/06**	**6320127**
		Dilution Factor: 1				
Chloride		Work Order #: JK1DP1AA		MB Lot-Sample #:	F6K200000-291	
	0.072 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/15/06**	**6324291**
		Dilution Factor: 1				
Chloride		Work Order #: JKV2M1AA		MB Lot-Sample #:	F6K240000-244	
	0.055 B	**0.20**	**mg/L**	**MCAWW 300.0A**	**11/16/06**	**6328244**
		Dilution Factor: 1				
Fluoride		Work Order #: JK2W01AA		MB Lot-Sample #:	F6L070000-337	
	ND	0.10	mg/L	MCAWW 300.0A	11/11/06	6341337
		Dilution Factor: 1				
Fluoride		Work Order #: JLJGH1AA		MB Lot-Sample #:	F6K160000-128	
	ND	0.10	mg/L	MCAWW 300.0A	11/14/06	6320128
		Dilution Factor: 1				
Fluoride		Work Order #: JK1DQ1AA		MB Lot-Sample #:	F6K200000-292	
	ND	0.10	mg/L	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1				
Fluoride		Work Order #: JKV2P1AA		MB Lot-Sample #:	F6K240000-245	
	ND	0.10	mg/L	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1				
Nitrate		Work Order #: JK2XL1AA		MB Lot-Sample #:	F6L070000-340	
	ND	0.020	mg/L	MCAWW 300.0A	11/11/06	6341340
		Dilution Factor: 1				
Nitrate		Work Order #: JLJGL1AA		MB Lot-Sample #:	F6K160000-131	
	ND	0.020	mg/L	MCAWW 300.0A	11/14/06	6320131
		Dilution Factor: 1				
Nitrate		Work Order #: JK1DX1AA		MB Lot-Sample #:	F6K200000-295	
	ND	0.020	mg/L	MCAWW 300.0A	11/15/06	6324295
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate		Work Order #: JKV3C1AA		MB Lot-Sample #:	F6K240000-248	
	ND	0.020	mg/L	MCAWW 300.0A	11/16/06	6328248
		Dilution Factor: 1				
Nitrate		Work Order #: JLGP01AA		MB Lot-Sample #:	F6L140000-357	
	ND	0.020	mg/L	MCAWW 300.0A	12/13/06	6348357
		Dilution Factor: 1				
Nitrite		Work Order #: JK2XC1AA		MB Lot-Sample #:	F6L070000-339	
	ND	0.020	mg/L	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 1				
Nitrite		Work Order #: JLJGK1AA		MB Lot-Sample #:	F6K160000-130	
	ND	0.020	mg/L	MCAWW 300.0A	11/14/06	6320130
		Dilution Factor: 1				
Nitrite		Work Order #: JK1DV1AA		MB Lot-Sample #:	F6K200000-294	
	ND	0.020	mg/L	MCAWW 300.0A	11/15/06	6324294
		Dilution Factor: 1				
Nitrite		Work Order #: JKV281AA		MB Lot-Sample #:	F6K240000-247	
	ND	0.020	mg/L	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1				
Sulfate		Work Order #: JK2W81AA		MB Lot-Sample #:	F6L070000-338	
	0.17 B	**0.50**	**mg/L**	**MCAWW 300.0A**	**11/11/06**	**6341338**
		Dilution Factor: 1				
Sulfate		Work Order #: JLJGJ1AA		MB Lot-Sample #:	F6K160000-129	
	ND	0.50	mg/L	MCAWW 300.0A	11/14/06	6320129
		Dilution Factor: 1				
Sulfate		Work Order #: JK1DR1AA		MB Lot-Sample #:	F6K200000-293	
	ND	0.50	mg/L	MCAWW 300.0A	11/15/06	6324293
		Dilution Factor: 1				
Sulfate		Work Order #: JKV2X1AA		MB Lot-Sample #:	F6K240000-246	
	ND	0.50	mg/L	MCAWW 300.0A	11/16/06	6328246
		Dilution Factor: 1				
Total Alkalinity		Work Order #: JJ4H11AA		MB Lot-Sample #:	F6K200000-160	
	ND	5.0	mg/L	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		Work Order #: JKAK61AA		MB Lot-Sample #:	F6K220000-090	
	ND	5.0	mg/L	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1				
Total Cyanide		Work Order #: JJ8WK1AA		MB Lot-Sample #:	F6K220000-319	
	ND	5.0	ug/L	SW846 9012	11/22-11/27/06	6326319
		Dilution Factor: 1				
Total Cyanide		Work Order #: JKGF11AA		MB Lot-Sample #:	F6K290000-223	
	19.5	**5.0**	**ug/L**	**SW846 9012**	**12/06-12/13/06**	**6333223**
		Dilution Factor: 1				
Total Cyanide		Work Order #: JLVEK1AA		MB Lot-Sample #:	F6L200000-204	
	ND	5.0	ug/L	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1				
Total Cyanide		Work Order #: JL52G1AA		MB Lot-Sample #:	F6L220000-120	
	ND	5.0	ug/L	SW846 9012	12/28-01/05/07	6356120
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#:JKV2M1AC-LCS/JKV2M1AD-LCSD LCS Lot-Sample#: F6K240000-244						
	2.00	1.88	mg/L	94		MCAWW 300.0A	11/16/06	6328244
	2.00	1.93	mg/L	96	2.6	MCAWW 300.0A	11/16/06	6328244
		Dilution Factor: 1						
Chloride		WO#:JK1DP1AC-LCS/JK1DP1AD-LCSD LCS Lot-Sample#: F6K200000-291						
	2.00	2.16	mg/L	108		MCAWW 300.0A	11/15/06	6324291
	2.00	2.19	mg/L	109	1.2	MCAWW 300.0A	11/15/06	6324291
		Dilution Factor: 1						
Chloride		WO#:JK2WT1AC-LCS/JK2WT1AD-LCSD LCS Lot-Sample#: F6L070000-336						
	2.00	1.99	mg/L	99		MCAWW 300.0A	11/11/06	6341336
	2.00	1.96	mg/L	98	1.4	MCAWW 300.0A	11/11/06	6341336
		Dilution Factor: 1						
Chloride		WO#:JLJGG1AC-LCS/JLJGG1AD-LCSD LCS Lot-Sample#: F6K160000-127						
	2.00	2.00	mg/L	100		MCAWW 300.0A	11/14/06	6320127
	2.00	1.96	mg/L	98	2.2	MCAWW 300.0A	11/14-11/15/06	6320127
		Dilution Factor: 1						
Fluoride		WO#:JKV2P1AC-LCS/JKV2P1AD-LCSD LCS Lot-Sample#: F6K240000-245						
	1.00	1.07	mg/L	107		MCAWW 300.0A	11/16/06	6328245
	1.00	1.03	mg/L	103	3.4	MCAWW 300.0A	11/16/06	6328245
		Dilution Factor: 1						
Fluoride		WO#:JK1DQ1AC-LCS/JK1DQ1AD-LCSD LCS Lot-Sample#: F6K200000-292						
	1.00	1.04	mg/L	104		MCAWW 300.0A	11/15/06	6324292
	1.00	1.08	mg/L	108	3.8	MCAWW 300.0A	11/15/06	6324292
		Dilution Factor: 1						
Fluoride		WO#:JK2W01AC-LCS/JK2W01AD-LCSD LCS Lot-Sample#: F6L070000-337						
	1.00	0.974	mg/L	97		MCAWW 300.0A	11/11/06	6341337
	1.00	1.00	mg/L	100	3.0	MCAWW 300.0A	11/11/06	6341337
		Dilution Factor: 1						
Fluoride		WO#:JLJGH1AC-LCS/JLJGH1AD-LCSD LCS Lot-Sample#: F6K160000-128						
	1.00	1.08	mg/L	108		MCAWW 300.0A	11/14/06	6320128
	1.00	1.03	mg/L	103	4.7	MCAWW 300.0A	11/14-11/15/06	6320128
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate		WO#:JKV3C1AC-LCS/JKV3C1AD-LCSD LCS Lot-Sample#: F6K240000-248						
	0.400	0.414	mg/L	104		MCAWW 300.0A	11/16/06	6328248
	0.400	0.425	mg/L	106	2.6	MCAWW 300.0A	11/16/06	6328248
		Dilution Factor: 1						
Nitrate		WO#:JK1DX1AC-LCS/JK1DX1AD-LCSD LCS Lot-Sample#: F6K200000-295						
	0.400	0.386	mg/L	97		MCAWW 300.0A	11/15/06	6324295
	0.400	0.442 N	mg/L	111	13	MCAWW 300.0A	11/15/06	6324295
		Dilution Factor: 1						
Nitrate		WO#:JK2XL1AC-LCS/JK2XL1AD-LCSD LCS Lot-Sample#: F6L070000-340						
	0.400	0.382	mg/L	95		MCAWW 300.0A	11/11/06	6341340
	0.400	0.384	mg/L	96	0.75	MCAWW 300.0A	11/11/06	6341340
		Dilution Factor: 1						
Nitrate		WO#:JLGP01AC-LCS/JLGP01AD-LCSD LCS Lot-Sample#: F6L140000-357						
	0.400	0.398	mg/L	99		MCAWW 300.0A	12/13/06	6348357
	0.400	0.393	mg/L	98	1.3	MCAWW 300.0A	12/13/06	6348357
		Dilution Factor: 1						
Nitrate		WO#:JLJGL1AC-LCS/JLJGL1AD-LCSD LCS Lot-Sample#: F6K160000-131						
	0.400	0.389	mg/L	97		MCAWW 300.0A	11/14/06	6320131
	0.400	0.395	mg/L	99	1.5	MCAWW 300.0A	11/14-11/15/06	6320131
		Dilution Factor: 1						
Nitrite		WO#:JKV281AC-LCS/JKV281AD-LCSD LCS Lot-Sample#: F6K240000-247						
	0.160	0.166	mg/L	104		MCAWW 300.0A	11/16/06	6328247
	0.160	0.157	mg/L	98	5.5	MCAWW 300.0A	11/16/06	6328247
		Dilution Factor: 1						
Nitrite		WO#:JK1DV1AC-LCS/JK1DV1AD-LCSD LCS Lot-Sample#: F6K200000-294						
	0.160	0.171	mg/L	107		MCAWW 300.0A	11/15/06	6324294
	0.160	0.172	mg/L	107	0.30	MCAWW 300.0A	11/15/06	6324294
		Dilution Factor: 1						
Nitrite		WO#:JK2XC1AC-LCS/JK2XC1AD-LCSD LCS Lot-Sample#: F6L070000-339						
	0.160	0.177 N	mg/L	111		MCAWW 300.0A	11/11/06	6341339
	0.160	0.169	mg/L	106	4.4	MCAWW 300.0A	11/11/06	6341339
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrite		WO#:JLJGK1AC-LCS/JLJGK1AD-LCSD				LCS Lot-Sample#: F6K160000-130		
	0.160	0.161	mg/L	101		MCAWW 300.0A	11/14/06	6320130
	0.160	0.167	mg/L	104	3.7	MCAWW 300.0A	11/14-11/15/06	6320130
		Dilution Factor: 1						
Sulfate		WO#:JKV2X1AC-LCS/JKV2X1AD-LCSD				LCS Lot-Sample#: F6K240000-246		
	8.00	7.93	mg/L	99		MCAWW 300.0A	11/16/06	6328246
	8.00	7.90	mg/L	99	0.41	MCAWW 300.0A	11/16/06	6328246
		Dilution Factor: 1						
Sulfate		WO#:JK1DR1AC-LCS/JK1DR1AD-LCSD				LCS Lot-Sample#: F6K200000-293		
	8.00	7.94	mg/L	99		MCAWW 300.0A	11/15/06	6324293
	8.00	8.36	mg/L	104	5.2	MCAWW 300.0A	11/15/06	6324293
		Dilution Factor: 1						
Sulfate		WO#:JK2W81AC-LCS/JK2W81AD-LCSD				LCS Lot-Sample#: F6L070000-338		
	8.00	7.61	mg/L	95		MCAWW 300.0A	11/11/06	6341338
	8.00	7.52	mg/L	94	1.1	MCAWW 300.0A	11/11/06	6341338
		Dilution Factor: 1						
Sulfate		WO#:JLJGJ1AC-LCS/JLJGJ1AD-LCSD				LCS Lot-Sample#: F6K160000-129		
	8.00	7.90	mg/L	99		MCAWW 300.0A	11/14/06	6320129
	8.00	7.92	mg/L	99	0.22	MCAWW 300.0A	11/14-11/15/06	6320129
		Dilution Factor: 1						
Total Alkalinity		WO#:JJ4H11AC-LCS/JJ4H11AD-LCSD				LCS Lot-Sample#: F6K200000-160		
	200	201	mg/L	100		MCAWW 310.1	11/17-11/23/06	6324160
	200	198	mg/L	99	1.5	MCAWW 310.1	11/17-11/23/06	6324160
		Dilution Factor: 1						
Total Alkalinity		WO#:JKAK61AC-LCS/JKAK61AD-LCSD				LCS Lot-Sample#: F6K220000-090		
	200	196	mg/L	98		MCAWW 310.1	11/22-11/23/06	6326090
	200	195	mg/L	98	0.51	MCAWW 310.1	11/22-11/23/06	6326090
		Dilution Factor: 1						
Total Cyanide		WO#:JLVEK1AC-LCS/JLVEK1AD-LCSD				LCS Lot-Sample#: F6L200000-204		
	100	90.3	ug/L	90		SW846 9012	12/20-01/05/07	6354204
	100	94.7	ug/L	95	4.8	SW846 9012	12/20-01/05/07	6354204
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			Work Order #: JJ8WK1AC LCS Lot-Sample#: F6K220000-319				
	100	98.2	ug/L	98	SW846 9012	11/22-11/27/06	6326319
			Dilution Factor: 1				
Total Cyanide			Work Order #: JKGF11AC LCS Lot-Sample#: F6K290000-223				
	100	84.7 N	ug/L	85	SW846 9012	12/06-12/13/06	6333223
			Dilution Factor: 1				
Total Cyanide			Work Order #: JL52G1AC LCS Lot-Sample#: F6L220000-120				
	100	87.8 N	ug/L	88	SW846 9012	12/28-01/05/07	6356120
			Dilution Factor: 1				
Total Cyanide			Work Order #: JL52G1AD LCS Lot-Sample#: F6L220000-120				
	400	333 N	ug/L	83	SW846 9012	12/28-01/05/07	6356120
			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 #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #...:		JJHWN1AH		MS Lot-Sample #: F6K110131-002	
	0.049	2.00	2.33 N	mg/L	114	MCAWW 300.0A	11/11/06	6341336
			Dilution Factor: 1					
Chloride			Work Order #...:		JJM8W1AK		MS Lot-Sample #: F6K140240-002	
	29.1	40.0	73.6 N,D	mg/L	111	MCAWW 300.0A	11/14-11/15/06	6320127
			Dilution Factor: 20					
Chloride			Work Order #...:		JJVAP1AK		MS Lot-Sample #: F6K160224-002	
	24.1	20.0	42.1 D	mg/L	90	MCAWW 300.0A	11/16-11/17/06	6328244
			Dilution Factor: 10					
Chloride			Work Order #...:		JJVF51AH		MS Lot-Sample #: F6K160239-001	
	9.8	20.0	27.7 N,D	mg/L	89	MCAWW 300.0A	11/16-11/17/06	6328244
			Dilution Factor: 10					
Chloride			Work Order #...:		JJX1J1AH		MS Lot-Sample #: F6K170169-008	
	24.1	40.0	67.6 D	mg/L	109	MCAWW 300.0A	11/15-11/16/06	6324291
			Dilution Factor: 20					
Cyanide, Total			Work Order #...:		JJJH81C6		MS Lot-Sample #: F6K110180-006	
	ND	100	99.2	ug/L	99	SW846 9012	11/22-11/27/06	6326322
			Dilution Factor: 1					
Fluoride			Work Order #...:		JJHWN1AJ		MS Lot-Sample #: F6K110131-002	
	ND	2.00	2.14	mg/L	107	MCAWW 300.0A	11/11/06	6341337
			Dilution Factor: 1					
Fluoride			Work Order #...:		JJM8W1AL		MS Lot-Sample #: F6K140240-002	
	0.31	2.00	2.32	mg/L	101	MCAWW 300.0A	11/14-11/15/06	6320128
			Dilution Factor: 1					
Fluoride			Work Order #...:		JJVAP1AL		MS Lot-Sample #: F6K160224-002	
	0.67	2.00	2.94 N	mg/L	114	MCAWW 300.0A	11/16-11/17/06	6328245
			Dilution Factor: 1					
Fluoride			Work Order #...:		JJVF51AJ		MS Lot-Sample #: F6K160239-001	
	0.24	2.00	2.49 N	mg/L	112	MCAWW 300.0A	11/16-11/17/06	6328245
			Dilution Factor: 1					
Fluoride			Work Order #...:		JJX1J1AJ		MS Lot-Sample #: F6K170169-008	
	0.12	2.00	2.29	mg/L	109	MCAWW 300.0A	11/15/06	6324292
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrate			Work Order #...:		JJHWN1AM		MS Lot-Sample #: F6K110131-002	
	ND	0.400	0.368	mg/L	92	MCAWW 300.0A	11/11/06	6341340
			Dilution Factor: 1					
Nitrate			Work Order #...:		JJM8W1AP		MS Lot-Sample #: F6K140240-002	
	96.7	40.0	140 D	mg/L	108	MCAWW 300.0A	11/14-11/15/06	6320131
			Dilution Factor: 100					
Nitrate			Work Order #...:		JJVAP1AP		MS Lot-Sample #: F6K160224-002	
	17.6	20.0	36.7 D	mg/L	95	MCAWW 300.0A	11/16-11/17/06	6328248
			Dilution Factor: 50					
Nitrate			Work Order #...:		JJVF51AM		MS Lot-Sample #: F6K160239-001	
	2.4	4.00	6.25 D	mg/L	97	MCAWW 300.0A	11/16-11/17/06	6328248
			Dilution Factor: 10					
Nitrate			Work Order #...:		JJX1J1AM		MS Lot-Sample #: F6K170169-008	
	11.8	8.00	21.6 N,D	mg/L	122	MCAWW 300.0A	11/15-11/16/06	6324295
			Dilution Factor: 20					
Nitrite			Work Order #...:		JJHWN1AL		MS Lot-Sample #: F6K110131-002	
	ND	0.100	0.148 N	mg/L	148	MCAWW 300.0A	11/11/06	6341339
			Dilution Factor: 1					
Nitrite			Work Order #...:		JJM8W1AN		MS Lot-Sample #: F6K140240-002	
	ND	2.00	3.92 N,D	mg/L	196	MCAWW 300.0A	11/14-11/15/06	6320130
			Dilution Factor: 20					
Nitrite			Work Order #...:		JJVAP1AN		MS Lot-Sample #: F6K160224-002	
	0.34	0.100	0.537 N	mg/L	194	MCAWW 300.0A	11/16-11/17/06	6328247
			Dilution Factor: 1					
Nitrite			Work Order #...:		JJVF51AL		MS Lot-Sample #: F6K160239-001	
	0.085	0.100	0.279 N	mg/L	194	MCAWW 300.0A	11/16-11/17/06	6328247
			Dilution Factor: 1					
Nitrite			Work Order #...:		JJX1J1AL		MS Lot-Sample #: F6K170169-008	
	0.34	0.100	0.456 N	mg/L	117	MCAWW 300.0A	11/15/06	6324294
			Dilution Factor: 1					
Sulfate			Work Order #...:		JJHWN1AK		MS Lot-Sample #: F6K110131-002	
	0.062	4.00	3.55 N	mg/L	87	MCAWW 300.0A	11/11/06	6341338
			Dilution Factor: 1					

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: SL649 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate			Work Order #...:		JJM8W1AM		MS Lot-Sample #: F6K140240-002	
	140	80.0	227 D	mg/L	109	MCAWW 300.0A	11/14-11/15/06	6320129
			Dilution Factor: 20					
Sulfate			Work Order #...:		JJVAP1AM		MS Lot-Sample #: F6K160224-002	
	85.8	40.0	121 N,D	mg/L	88	MCAWW 300.0A	11/16-11/17/06	6328246
			Dilution Factor: 10					
Sulfate			Work Order #...:		JJVF51AK		MS Lot-Sample #: F6K160239-001	
	21.5	40.0	63.1 D	mg/L	104	MCAWW 300.0A	11/16-11/17/06	6328246
			Dilution Factor: 10					
Sulfate			Work Order #...:		JJX1J1AK		MS Lot-Sample #: F6K170169-008	
	109	80.0	197 N,D	mg/L	111	MCAWW 300.0A	11/15-11/16/06	6324293
			Dilution Factor: 20					
Total Alkalinity			Work Order #...:		JH7HR1AK		MS Lot-Sample #: F6K080203-002	
	191	100	274	mg/L	83	MCAWW 310.1	11/17-11/23/06	6324160
			Dilution Factor: 1					
Total Alkalinity			Work Order #...:		JJXWE1AE		MS Lot-Sample #: F6K170164-001	
	84.0	100	180	mg/L	96	MCAWW 310.1	11/22-11/23/06	6326090
			Dilution Factor: 1					
Total Cyanide			Work Order #...:		JJVAP1AQ		MS Lot-Sample #: F6K160224-002	
	16.4	100	441 N	ug/L	425	SW846 9012	12/06-12/13/06	6333223
			Dilution Factor: 1					
Total Cyanide			Work Order #...:		JLWVJ1AT		MS Lot-Sample #: F6L200301-006	
	5.1	100	96.1	ug/L	91	SW846 9012	12/28-01/05/07	6356120
			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.

D Result was obtained from the analysis of a dilution.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJM8W-SMP JJM8W-DUP **Matrix.....:** WATER

Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6K140240-002	
	29.1 C,DN	30.7 DCN	mg/L	5.5	(0-20)	MCAWW 300.0A	11/14-11/15/06	6320127
			Dilution Factor: 20					
Fluoride						SD Lot-Sample #:	F6K140240-002	
	0.31	0.32	mg/L	3.3	(0-20)	MCAWW 300.0A	11/14-11/15/06	6320128
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6K140240-002	
	140 D	140 D	mg/L	0.31	(0-20)	MCAWW 300.0A	11/14-11/15/06	6320129
			Dilution Factor: 20					
Nitrite						SD Lot-Sample #:	F6K140240-002	
	ND DN	0.67 DN	mg/L	200	(0-20)	MCAWW 300.0A	11/14-11/15/06	6320130
			Dilution Factor: 20					
Nitrate						SD Lot-Sample #:	F6K140240-002	
	96.7 D	97.4 D	mg/L	0.66	(0-20)	MCAWW 300.0A	11/14-11/15/06	6320131
			Dilution Factor: 100					

jm 01-26-07

NOTE(S):

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

DCN Result from dilution; analyted detected in blank; spike recovery outside limits.

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

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

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JH7HR-SMP JH7HR-DUP **Matrix.....:** WATER

Date Sampled...: 11/07/06 **Date Received..:** 11/08/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	F6K080203-002	
	191	196	mg/L	2.8	(0-20)	MCAWW 310.1	11/17-11/23/06	6324160

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJH0J-SMP JJH0J-DUP **Matrix.....:** WATER

Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	F6K110131-012	
	82.0	81.0	mg/L	1.2	(0-20)	MCAWW 310.1	11/17-11/23/06	6324160

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJX1J-SMP JJX1J-DUP **Matrix.....:** WATER

Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6K170169-008	
	24.1 C,D	19.1 DC	mg/L	23	(0-20)	MCAWW 300.0A	11/15-11/16/06	6324291
			Dilution Factor: 20					
Fluoride						SD Lot-Sample #:	F6K170169-008	
	0.12	0.14	mg/L	14	(0-20)	MCAWW 300.0A	11/15/06	6324292
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6K170169-008	
	109 DN	105 DN	mg/L	3.3	(0-20)	MCAWW 300.0A	11/15-11/16/06	6324293
			Dilution Factor: 20					
Nitrite						SD Lot-Sample #:	F6K170169-008	
	0.34 N	0.42 N	mg/L	22	(0-20)	MCAWW 300.0A	11/15/06	6324294
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F6K170169-008	
	11.8 DN	11.9 DN	mg/L	0.42	(0-20)	MCAWW 300.0A	11/15-11/16/06	6324295
			Dilution Factor: 20					

NOTE(S):

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

DC Result obtained from dilution; Analyte deteced in method blank above MDL/IDL.

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

D Result was obtained from the analysis of a dilution.

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

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJXWE-SMP JJXWE-DUP **Matrix.....:** WATER

Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	F6K170164-001	
	84.0	85.0	mg/L	1.2	(0-20)	MCAWW 310.1	11/22-11/23/06	6326090

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJJH8-SMP JJJH8-DUP **Matrix.....:** WATER

Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total						SD Lot-Sample #:	F6K110180-006	
	ND	ND	ug/L	0	(0-20)	SW846 9012	11/22-11/27/06	6326322

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJVAP-SMP JJVAP-DUP **Matrix.....:** WATER

Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6K160224-002	
	24.1 C,D	24.3 DC	mg/L	0.84	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328244
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F6K160224-002	
	0.67 N	0.64 N	mg/L	4.9	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328245
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6K160224-002	
	85.8 DN	85.9 DN	mg/L	0.10	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328246
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F6K160224-002	
	0.34 N	0.38 N	mg/L	11	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328247
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F6K160224-002	
	17.6 D	17.3 D	mg/L	1.8	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328248
			Dilution Factor: 50					
Total Alkalinity						SD Lot-Sample #:	F6K160224-002	
	108	106	mg/L	1.9	(0-20)	MCAWW 310.1	11/22-11/23/06	6326090
			Dilution Factor: 1					
Total Cyanide						SD Lot-Sample #:	F6K160224-002	
	16.4 C,N	12.2 CN	ug/L	29	(0-20)	SW846 9012	12/06-12/13/06	6333223
			Dilution Factor: 1					

NOTE(S):

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

DC Result obtained from dilution; Analyte deteced in method blank above MDL/IDL.

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

D Result was obtained from the analysis of a dilution.

N Spiked analyte recovery is outside stated control limits.

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

CN Result in method blank above MDL/RL; associated MS/MSD recovery outside limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJVF5-SMP JJVF5-DUP **Matrix.....:** WATER

Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6K160239-001	
	9.8 C,DN	9.7 DCN	mg/L	1.1	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328244
			Dilution Factor: 10					
Fluoride						SD Lot-Sample #:	F6K160239-001	
	0.24 N	0.24 N	mg/L	2.5	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328245
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6K160239-001	
	21.5 D	21.4 D	mg/L	0.37	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328246
			Dilution Factor: 10					
Nitrite						SD Lot-Sample #:	F6K160239-001	
	0.085 N	0.11 N	mg/L	24	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328247
			Dilution Factor: 1					
Nitrate						SD Lot-Sample #:	F6K160239-001	
	2.4 D	2.3 D	mg/L	0.78	(0-20)	MCAWW 300.0A	11/16-11/17/06	6328248
			Dilution Factor: 10					

NOTE(S):

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

DCN Result from dilution; analyted detected in blank; spike recovery outside limits.

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

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

N Spiked analyte recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JJHWN-SMP JJHWN-DUP **Matrix.....:** WATER

Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride						SD Lot-Sample #:	F6K110131-002	
	0.049 B,C,N	ND N	mg/L	196	(0-20)	MCAWW 300.0A	11/11/06	6341336
			Dilution Factor: 1					
		JM 01-26-07						
Fluoride						SD Lot-Sample #:	F6K110131-002	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	11/11/06	6341337
			Dilution Factor: 1					
Sulfate						SD Lot-Sample #:	F6K110131-002	
	0.062 B,C,N	ND N	mg/L	195	(0-20)	MCAWW 300.0A	11/11/06	6341338
			Dilution Factor: 1					
		JM 01-26-07						
Nitrite						SD Lot-Sample #:	F6K110131-002	
	ND N	ND N	mg/L	0	(0-20)	MCAWW 300.0A	11/11/06	6341339
			Dilution Factor: 1					
	JM 01-26-07							
Nitrate						SD Lot-Sample #:	F6K110131-002	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	11/11/06	6341340
			Dilution Factor: 1					

NOTE(S):

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

B Estimated result. Result is less than RL.

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

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F6K110131 **Work Order #...:** JLWVJ-SMP JLWVJ-DUP **Matrix.....:** WATER

Date Sampled...: 12/19/06 **Date Received..:** 12/20/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total	Cyanide					SD Lot-Sample #:	F6L200301-006	
	5.1	7.1	ug/L	32	(0-20)	SW846 9012	12/28-01/05/07	6356120

Dilution Factor: 1

METALS

WET CHEMISTRY

PROJECT MANAGEMENT / DATA REPORTING FORM

DATE: 4-17-07

CLIENT: Hanford/PNNL

LOT # : F7C060265

SDG # : 52649A

PM: Brian O'Donnell

DUE:

ORIGINAL COC WITH REPORT: ☐ YES ☑ NO

ORIGINAL LETTER HEAD WITH REPORT: ☑ YES ☐ NO

TYPE: ☑ REPORT ☐ FULL DATA PACKAGE ☐ FORMS

EDD: ☑ PM SEND VIA EMAIL ☐ REPORTING SEND ON CD

NOTES:

SHIPPING:

☐ FEDEX GROUND

☐ 2ND DAY

☐ STD OVERNIGHT 3PM

☑ PRIORITY OVERNIGHT 10:30AM

☐ 1ST OVERNIGHT 8:30AM

☐ MAIL

☐ INTERNAL POST

☑ PM EMAIL - DATE SENT: 4-17-07

SEND TO CLIENT:

☑ HARDCOPY ONLY

☐ CD ONLY

☐ HARDCOPY AND CD

1 NUMBER OF COPIES

NOTES FOR PROJECT MANAGEMENT :

NOTES FOR DATA REPORTING:

R02 to Dot

Needs Section Dividers

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ANALYTICAL REPORT

W07-011

Lot #: F7C060265
SDG #: SL649A

Dot Stewart

Pacific Northwest National Lab
3110 Port of Benton Blvd.
Sigma 5 MS K694
Richland, WA 99352

SEVERN TRENT LABORATORIES, INC.

Brian O'Donnell
Project Manager

April 17, 2007

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CASE NARRATIVE

Pacific Northwest National Laboratories
P.O. Box 1970
Richland, Washington 99352

April 17, 2007

Attention: Dot Stewart

SDG	:	SL649A
Number of Samples	:	2
Sample Matrix	:	Water
Data Deliverable	:	RDR- R3712
Date SDG Closed	:	February 27, 2007

II. Introduction

On February 27, 2007 data reanalysis orders were received at STL-St. Louis.

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.

Analyses requested: see attached copy of RDR

Deviation from Request: No Deviation from requested methods.

IV. Definitions

The following codes are used to denote laboratory quality control samples and can be found in the data summary section of this report:
QCBLK- Quality Control Blank, Method Blank
QCLCS- Quality Control Laboratory Control Sample, Blank Spike

V. Comments

General: The reanalysis request consists of RDR# 070207STLSL-R3712. A copy of the request is included in this package for reference.

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The term "Detection Limit" used in the analytical data reports refers to either the lab's standard reporting limits or contractually required reporting limits, whichever is applicable.

Cyanide Results: The result of the reanalysis of sample B1L706 is 704 ug/L which is over twice the concentration (337 ug/L) reported originally. The result of the reanalysis of sample B1L710 is 1020 ug/L, higher than the original result of 656 ug/L. The raw data was checked for possible errors but none were found. No cause for the variance has been determined.

Analysis Comments: There was insufficient sample volume to perform MS analysis for Cyanide batch #7072291. A LCS/LCSD was performed to demonstrate accuracy and replicate precision.

These reanalyses were performed beyond the method required holding time.

Affected Samples:
F7C060265 (1): B1L706
F7C060265 (2): B1L710

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:

Brian O'Donnell
St. Louis Project Manager

02/27/2007
RECHECK, RECOUNT, OR REANALYSIS ORDER
CONTRACT NO MW6-SBB-A19981

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

Battelle PNNL Order Number: 070207STLSL-R3712

Sample Delivery Group: SL649

Special Instructions None

Samples(s)

Lab Sample ID	PNNL Sample	Action	TAT	METHOD_NAME:
F6K160224006	B1L706	Reanalysis	15/15	9012_CYANIDE
F6K160224004	B1L710	Reanalysis	15/15	9012_CYANIDE

Deliver Report Results to: Dorothy L. Stewart, K6-96
c/o Secretary
3110 Port of Benton Blvd.
Richland, WA 99352

The report results must reference the Battelle PNNL-order number, SDG number, and the Battelle PNNL

METHODS SUMMARY

SL649A

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Cyanide	SW846 9012	SW846 9012

References:

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

SAMPLE SUMMARY

SL649A : F7C060265

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JQJTF	001	B1L706	11/15/06	11:50
JQJTH	002	B1L710	11/15/06	11:50

NOTE(S):

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

WET CHEMISTRY

Pacific Northwest National Laboratory

Client Sample ID: B1L706

General Chemistry

Lot-Sample #...: F7C060265-001 Work Order #...: JQJTF Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 03/05/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide	704	10.0	ug/L	SW846 9012	03/13-03/16/07	7072291

Dilution Factor: 2 MDL.....: 4.8

Pacific Northwest National Laboratory

Client Sample ID: B1L710

General Chemistry

Lot-Sample #...: F7C060265-002 Work Order #...: JQJTH Matrix.....: WATER
Date Sampled...: 11/15/06 Date Received..: 03/05/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide	1020	20.0	ug/L	SW846 9012	03/13-03/16/07	7072291

Dilution Factor: 4 MDL.....: 9.6

METHOD BLANK REPORT

General Chemistry

Client Lot #...: SL649A **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		Work Order #:	JQX561AA	MB Lot-Sample #:	F7C130000-291	
	ND	5.0	ug/L	SW846 9012	03/13-03/16/07	7072291
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: SL649A **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide		WO#:JQX561AC-LCS/JQX561AD-LCSD				LCS Lot-Sample#: F7C130000-291		
	200	196	ug/L	98		SW846 9012	03/13-03/16/07	7072291
	200	199	ug/L	100	1.6	SW846 9012	03/13-03/16/07	7072291

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 #...: SL649A **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Cyanide			Work Order #: JQX561AE		LCS Lot-Sample#: F7C130000-291		
	400	378	ug/L	95	SW846 9012	03/13-03/16/07	7072291
			Dilution Factor: 1				

NOTE(S):

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

WET CHEMISTRY

SAMPLE SUMMARY

F6K110131

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJHWM	001	B1L6N6	11/10/06	07:30
JJHWR	003	B1L6N2	11/10/06	08:30
JJHW0	005	B1L791	11/10/06	10:01
JJH0A	007	B1L782	11/10/06	11:50
JJH0F	009	B1L786	11/10/06	11:50
JJH0H	011	B1L687	11/10/06	11:25
JJH0K	013	B1L691	11/10/06	12:50
JJH0M	015	B1L695	11/10/06	08:42
JJH0P	017	B1L699	11/10/06	08:42
JJH0T	019	B1L6B2	11/10/06	09:53

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.
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- 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.

Pacific Northwest National Laboratory

Client Sample ID: B1L6N6

DISSOLVED Metals

Lot-Sample #...: F6K110131-001 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	ND	200	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AC
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56.8 B,C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWM1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AL
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AP
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L6N6

DISSOLVED Metals

Lot-Sample #...: F6K110131-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWM1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**14.8 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWM1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6N2

DISSOLVED Metals

Lot-Sample #...: F6K110131-003 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**55.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**47800 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**14900**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5960**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHWR1AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L6N2

DISSOLVED Metals

Lot-Sample #...: F6K110131-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**270**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**18.5 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**13.2 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHWR1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L791

DISSOLVED Metals

Lot-Sample #...: F6K110131-005 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**136 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**142000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**39.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**114 C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**42800**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**9.5 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**11600**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L791

DISSOLVED Metals

Lot-Sample #...: F6K110131-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**125000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**863**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**13.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJHW01AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJHW01AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L782

DISSOLVED Metals

Lot-Sample #...: F6K110131-007 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**97.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**102000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**43.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**39000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**4.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0A1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L782

DISSOLVED Metals

Lot-Sample #...: F6K110131-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**250000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**645**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**13.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**18.1 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0A1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L786

DISSOLVED Metals

Lot-Sample #...: F6K110131-009 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**105 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**111000 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**48.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**42200**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**5.2 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**12200**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0F1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L786

DISSOLVED Metals

Lot-Sample #...: F6K110131-009 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	249000	5000	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	695	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	13.9 B	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	18.4 B,C	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0F1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L687

DISSOLVED Metals

Lot-Sample #...: F6K110131-011 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**63.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55500 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**10.6**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**59.4 B,C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18500**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**26.2**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**54.0**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**4990 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0H1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L687

DISSOLVED Metals

Lot-Sample #...: F6K110131-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**26200**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**240**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**14.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**16.7 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0H1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L691

DISSOLVED Metals

Lot-Sample #...: F6K110131-013 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**32.0 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**25400 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.8 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**26.0 B,C**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**8770**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**3110 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L691

DISSOLVED Metals

Lot-Sample #...: F6K110131-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**20800**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**107**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**30.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0K1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0K1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L695

DISSOLVED Metals

Lot-Sample #...: F6K110131-015 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**90.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56800 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18900**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**8.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5430**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L695

DISSOLVED Metals

Lot-Sample #...: F6K110131-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25400**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**251**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0M1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0M1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L699

DISSOLVED Metals

Lot-Sample #...: F6K110131-017 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**86.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**54200 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**18100**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**8.8 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**4710 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0P1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L699

DISSOLVED Metals

Lot-Sample #...: F6K110131-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**238**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**14.0 B,C**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0P1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6B2

DISSOLVED Metals

Lot-Sample #...: F6K110131-019 **Matrix.....:** WATER
Date Sampled...: 11/10/06 **Date Received..:** 11/11/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**42.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**36700 C**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.5 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**12400**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**3320 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6B2

DISSOLVED Metals

Lot-Sample #...: F6K110131-019 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**19000**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**156**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**24.3 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJH0T1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/13-11/21/06	JJH0T1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F6K130000-337 **Prep Batch #...:** 6317337						
Antimony	ND	60.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AE
		Dilution Factor: 1				
Calcium	**36.4 B**	**5000**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AF**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AJ
		Dilution Factor: 1				
Iron	**36.4 B**	**100**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AK**
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/13-11/21/06	JJKV01AU
		Dilution Factor: 1				
Zinc	**14.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/13-11/21/06**	**JJKV01AV**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER

LCS Lot-Sample#: F6K130000-337 **Prep Batch #...:** 6317337

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	520	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01AW
			Dilution Factor: 1				
Barium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01AX
			Dilution Factor: 1				
Beryllium	500	539	ug/L	108	SW846 6010B	11/13-11/21/06	JJKV01A0
			Dilution Factor: 1				
Cadmium	500	522	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01A1
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01A2
			Dilution Factor: 1				
Chromium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A3
			Dilution Factor: 1				
Cobalt	500	510	ug/L	102	SW846 6010B	11/13-11/21/06	JJKV01A4
			Dilution Factor: 1				
Copper	500	507	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01A5
			Dilution Factor: 1				
Iron	500	565	ug/L	113	SW846 6010B	11/13-11/21/06	JJKV01A6
			Dilution Factor: 1				
Magnesium	10000	10300	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A7
			Dilution Factor: 1				
Manganese	500	519	ug/L	104	SW846 6010B	11/13-11/21/06	JJKV01A8
			Dilution Factor: 1				
Nickel	500	513	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01A9
			Dilution Factor: 1				
Potassium	10000	9870	ug/L	99	SW846 6010B	11/13-11/21/06	JJKV01CA
			Dilution Factor: 1				
Silver	125	126	ug/L	101	SW846 6010B	11/13-11/21/06	JJKV01CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10600	ug/L	106	SW846 6010B	11/13-11/21/06	JJKV01CD
			Dilution Factor: 1				
Strontium	500	548	ug/L	110	SW846 6010B	11/13-11/21/06	JJKV01CE
			Dilution Factor: 1				
Vanadium	500	515	ug/L	103	SW846 6010B	11/13-11/21/06	JJKV01CF
			Dilution Factor: 1				
Zinc	500	498	ug/L	100	SW846 6010B	11/13-11/21/06	JJKV01CG
			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 #...: F6K110131 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

MS Lot-Sample #: F6K100182-001 **Prep Batch #...:** 6317337

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	253	ug/L	101		SW846 6010B	11/13-11/21/06	JJFDF1AW
	ND	250	264	ug/L	106	4.1	SW846 6010B	11/13-11/21/06	JJFDF1AX
			Dilution Factor: 1						
Barium									
	52.9	1000	1040	ug/L	99		SW846 6010B	11/13-11/21/06	JJFDF1A0
	52.9	1000	1100	ug/L	104	4.8	SW846 6010B	11/13-11/21/06	JJFDF1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	26.4	ug/L	106		SW846 6010B	11/13-11/21/06	JJFDF1A2
	ND	25.0	28.1	ug/L	113	6.4	SW846 6010B	11/13-11/21/06	JJFDF1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.0	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1A4
	ND	25.0	26.1	ug/L	104	4.3	SW846 6010B	11/13-11/21/06	JJFDF1A5
			Dilution Factor: 1						
Calcium									
	61600	25000	83100	ug/L	86		SW846 6010B	11/13-11/21/06	JJFDF1A6
	61600	25000	88000	ug/L	106	5.8	SW846 6010B	11/13-11/21/06	JJFDF1A7
			Dilution Factor: 1						
Chromium									
	125	100	217	ug/L	92		SW846 6010B	11/13-11/21/06	JJFDF1A8
	125	100	233	ug/L	108	7.0	SW846 6010B	11/13-11/21/06	JJFDF1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	238	ug/L	95		SW846 6010B	11/13-11/21/06	JJFDF1CA
	ND	250	253	ug/L	101	6.2	SW846 6010B	11/13-11/21/06	JJFDF1CC
			Dilution Factor: 1						
Copper									
	ND	125	123	ug/L	98		SW846 6010B	11/13-11/21/06	JJFDF1CD
	ND	125	129	ug/L	103	5.2	SW846 6010B	11/13-11/21/06	JJFDF1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	ND	500	508	ug/L	102		SW846 6010B	11/13-11/21/06	JJFDF1CF
	ND	500	543	ug/L	109	6.7	SW846 6010B	11/13-11/21/06	JJFDF1CG
			Dilution Factor: 1						
Magnesium									
	12100	25000	35600	ug/L	94		SW846 6010B	11/13-11/21/06	JJFDF1CH
	12100	25000	37900	ug/L	103	6.2	SW846 6010B	11/13-11/21/06	JJFDF1CJ
			Dilution Factor: 1						
Manganese									
	ND	250	248	ug/L	99		SW846 6010B	11/13-11/21/06	JJFDF1CK
	ND	250	263	ug/L	105	5.9	SW846 6010B	11/13-11/21/06	JJFDF1CL
			Dilution Factor: 1						
Nickel									
	ND	250	241	ug/L	96		SW846 6010B	11/13-11/21/06	JJFDF1CM
	ND	250	254	ug/L	102	5.4	SW846 6010B	11/13-11/21/06	JJFDF1CN
			Dilution Factor: 1						
Potassium									
	2360	25000	27400	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1CP
	2360	25000	28500	ug/L	105	3.9	SW846 6010B	11/13-11/21/06	JJFDF1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.1	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1CR
	ND	25.0	24.6	ug/L	98	1.9	SW846 6010B	11/13-11/21/06	JJFDF1CT
			Dilution Factor: 1						
Sodium									
	7980	25000	31900	ug/L	96		SW846 6010B	11/13-11/21/06	JJFDF1CU
	7980	25000	34100	ug/L	105	6.7	SW846 6010B	11/13-11/21/06	JJFDF1CV
			Dilution Factor: 1						
Strontium									
	305	500	817	ug/L	103		SW846 6010B	11/13-11/21/06	JJFDF1CW
	305	500	868	ug/L	113	6.0	SW846 6010B	11/13-11/21/06	JJFDF1CX
			Dilution Factor: 1						
Vanadium									
	ND	250	251	ug/L	100		SW846 6010B	11/13-11/21/06	JJFDF1C0
	ND	250	264	ug/L	106	5.1	SW846 6010B	11/13-11/21/06	JJFDF1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K110131 **Matrix.....:** WATER
Date Sampled...: 11/09/06 **Date Received..:** 11/10/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	18.8	250	242	ug/L	89		SW846 6010B	11/13-11/21/06	JJFDF1C2
	18.8	250	257	ug/L	95	6.1	SW846 6010B	11/13-11/21/06	JJFDF1C3

Dilution Factor: 1

NOTE(S):

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

SEVERN TRENT STL

Sample Comments for Batch:

6333379

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

Lot ID: F6K170169 **PM:** MLH
Client: 384868 Pacific Northwest National Laboratory
Project:
QuoteNo: 73232
SDG: SL649
RcptDate: 20061115
AnalDueDate: 20061211
RptDueDate: 20061213
Report Type: B Standard Report

F6K170169001

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXW41AP	K	5000 ug/L	QO 6010B	1500
JJXW41AA	SB	60 ug/L	QO 6010B	44.83
JJXW41AV	ZN	20 ug/L	QO 6010B	9.63
JJXW41AU	V	50 ug/L	QO 6010B	5.905
JJXW41AT	SR	50 ug/L	QO 6010B	0.5611
JJXW41AQ	AG	10 ug/L	QO 6010B	5.209
JJXW41AN	NI	40 ug/L	QO 6010B	7.488
JJXW41AM	MN	15 ug/L	QO 6010B	2.458
JJXW41AL	MG	5000 ug/L	QO 6010B	108.2
JJXW41AD	BE	5 ug/L	QO 6010B	0.5106
JJXW41AR	NA	5000 ug/L	QO 6010B	110.4
JJXW41AC	BA	200 ug/L	QO 6010B	5.0
JJXW41AK	FE	100 ug/L	QO 6010B	25.00
JJXW41AE	CD	5 ug/L	QO 6010B	2.276
JJXW41AF	CA	5000 ug/L	QO 6010B	36
JJXW41AG	CR	10 ug/L	QO 6010B	3.092
JJXW41AH	CO	50 ug/L	QO 6010B	5.000
JJXW41AJ	CU	25 ug/L	QO 6010B	2.787

F6K170169007

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXX61AL	MG	5000 ug/L	QO 6010B	108.2
JJXX61AE	CD	5 ug/L	QO 6010B	2.276
JJXX61AT	SR	50 ug/L	QO 6010B	0.5611
JJXX61AR	NA	5000 ug/L	QO 6010B	110.4
JJXX61AQ	AG	10 ug/L	QO 6010B	5.209
JJXX61AP	K	5000 ug/L	QO 6010B	1500
JJXX61AN	NI	40 ug/L	QO 6010B	7.488
JJXX61AM	MN	15 ug/L	QO 6010B	2.458
JJXX61AU	V	50 ug/L	QO 6010B	5.905
JJXX61AA	SB	60 ug/L	QO 6010B	44.83
JJXX61AJ	CU	25 ug/L	QO 6010B	2.787
JJXX61AH	CO	50 ug/L	QO 6010B	5.000
JJXX61AF	CA	5000 ug/L	QO 6010B	36
JJXX61AV	ZN	20 ug/L	QO 6010B	9.63
JJXX61AD	BE	5 ug/L	QO 6010B	0.5106
JJXX61AC	BA	200 ug/L	QO 6010B	5.0
JJXX61AK	FE	100 ug/L	QO 6010B	25.00
JJXX61AG	CR	10 ug/L	QO 6010B	3.092

F6K170169009

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2F1AM	MN	15 ug/L	QO 6010B	2.458
JJX2F1AN	NI	40 ug/L	QO 6010B	7.488
JJX2F1AP	K	5000 ug/L	QO 6010B	1500
JJX2F1AQ	AG	10 ug/L	QO 6010B	5.209
JJX2F1AR	NA	5000 ug/L	QO 6010B	110.4
JJX2F1AT	SR	50 ug/L	QO 6010B	0.5611
JJX2F1AV	ZN	20 ug/L	QO 6010B	9.63
JJX2F1AL	MG	5000 ug/L	QO 6010B	108.2
JJX2F1AU	V	50 ug/L	QO 6010B	5.905
JJX2F1AA	SB	60 ug/L	QO 6010B	44.83
JJX2F1AJ	CU	25 ug/L	QO 6010B	2.787
JJX2F1AH	CO	50 ug/L	QO 6010B	5.000
JJX2F1AG	CR	10 ug/L	QO 6010B	3.092
JJX2F1AF	CA	5000 ug/L	QO 6010B	36
JJX2F1AE	CD	5 ug/L	QO 6010B	2.276
JJX2F1AD	BE	5 ug/L	QO 6010B	0.5106
JJX2F1AC	BA	200 ug/L	QO 6010B	5.0
JJX2F1AK	FE	100 ug/L	QO 6010B	25.00

F6K170169012

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2P1AM	MN	15 ug/L	QO 6010B	2.458
JJX2P1AN	NI	40 ug/L	QO 6010B	7.488
JJX2P1AP	K	5000 ug/L	QO 6010B	1500
JJX2P1AQ	AG	10 ug/L	QO 6010B	5.209
JJX2P1AL	MG	5000 ug/L	QO 6010B	108.2
JJX2P1AT	SR	50 ug/L	QO 6010B	0.5611
JJX2P1AE	CD	5 ug/L	QO 6010B	2.276
JJX2P1AV	ZN	20 ug/L	QO 6010B	9.63
JJX2P1AR	NA	5000 ug/L	QO 6010B	110.4
JJX2P1AK	FE	100 ug/L	QO 6010B	25.00
JJX2P1AJ	CU	25 ug/L	QO 6010B	2.787
JJX2P1AH	CO	50 ug/L	QO 6010B	5.000
JJX2P1AF	CA	5000 ug/L	QO 6010B	36
JJX2P1AD	BE	5 ug/L	QO 6010B	0.5106
JJX2P1AC	BA	200 ug/L	QO 6010B	5.0
JJX2P1AA	SB	60 ug/L	QO 6010B	44.83
JJX2P1AU	V	50 ug/L	QO 6010B	5.905
JJX2P1AG	CR	10 ug/L	QO 6010B	3.092

F6K170169014

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2W1AP	K	5000 ug/L	QO 6010B	1500
JJX2W1AA	SB	60 ug/L	QO 6010B	44.83
JJX2W1AV	ZN	20 ug/L	QO 6010B	9.63
JJX2W1AU	V	50 ug/L	QO 6010B	5.905
JJX2W1AT	SR	50 ug/L	QO 6010B	0.5611
JJX2W1AQ	AG	10 ug/L	QO 6010B	5.209
JJX2W1AN	NI	40 ug/L	QO 6010B	7.488
JJX2W1AM	MN	15 ug/L	QO 6010B	2.458
JJX2W1AL	MG	5000 ug/L	QO 6010B	108.2
JJX2W1AD	BE	5 ug/L	QO 6010B	0.5106
JJX2W1AR	NA	5000 ug/L	QO 6010B	110.4
JJX2W1AC	BA	200 ug/L	QO 6010B	5.0
JJX2W1AK	FE	100 ug/L	QO 6010B	25.00
JJX2W1AE	CD	5 ug/L	QO 6010B	2.276
JJX2W1AF	CA	5000 ug/L	QO 6010B	36
JJX2W1AG	CR	10 ug/L	QO 6010B	3.092
JJX2W1AH	CO	50 ug/L	QO 6010B	5.000
JJX2W1AJ	CU	25 ug/L	QO 6010B	2.787

F6K170169017

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX271AL	MG	5000 ug/L	QO 6010B	108.2
JJX271AE	CD	5 ug/L	QO 6010B	2.276
JJX271AT	SR	50 ug/L	QO 6010B	0.5611
JJX271AR	NA	5000 ug/L	QO 6010B	110.4
JJX271AQ	AG	10 ug/L	QO 6010B	5.209
JJX271AP	K	5000 ug/L	QO 6010B	1500
JJX271AN	NI	40 ug/L	QO 6010B	7.488
JJX271AM	MN	15 ug/L	QO 6010B	2.458
JJX271AU	V	50 ug/L	QO 6010B	5.905
JJX271AA	SB	60 ug/L	QO 6010B	44.83
JJX271AJ	CU	25 ug/L	QO 6010B	2.787
JJX271AH	CO	50 ug/L	QO 6010B	5.000
JJX271AF	CA	5000 ug/L	QO 6010B	36
JJX271AV	ZN	20 ug/L	QO 6010B	9.63
JJX271AD	BE	5 ug/L	QO 6010B	0.5106
JJX271AC	BA	200 ug/L	QO 6010B	5.0
JJX271AK	FE	100 ug/L	QO 6010B	25.00
JJX271AG	CR	10 ug/L	QO 6010B	3.092

SEVERN TRENT STL

Sample Comments for Batch:

6333379

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

F6K170169019

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX3E1AM	MN	15 ug/L	QO 6010B	2.458
JJX3E1AN	NI	40 ug/L	QO 6010B	7.488
JJX3E1AP	K	5000 ug/L	QO 6010B	1500
JJX3E1AQ	AG	10 ug/L	QO 6010B	5.209
JJX3E1AR	NA	5000 ug/L	QO 6010B	110.4
JJX3E1AT	SR	50 ug/L	QO 6010B	0.5611
JJX3E1AV	ZN	20 ug/L	QO 6010B	9.63
JJX3E1AL	MG	5000 ug/L	QO 6010B	108.2
JJX3E1AU	V	50 ug/L	QO 6010B	5.905
JJX3E1AJ	CU	25 ug/L	QO 6010B	2.787
JJX3E1AH	CO	50 ug/L	QO 6010B	5.000
JJX3E1AG	CR	10 ug/L	QO 6010B	3.092
JJX3E1AF	CA	5000 ug/L	QO 6010B	36
JJX3E1AE	CD	5 ug/L	QO 6010B	2.276
JJX3E1AD	BE	5 ug/L	QO 6010B	0.5106
JJX3E1AA	SB	60 ug/L	QO 6010B	44.83
JJX3E1AC	BA	200 ug/L	QO 6010B	5.0
JJX3E1AK	FE	100 ug/L	QO 6010B	25.00

F6K170169021

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX6A1AU	V	50 ug/L	QO 6010B	5.905
JJX6A1AM	MN	15 ug/L	QO 6010B	2.458
JJX6A1AN	NI	40 ug/L	QO 6010B	7.488
JJX6A1AP	K	5000 ug/L	QO 6010B	1500
JJX6A1AQ	AG	10 ug/L	QO 6010B	5.209
JJX6A1AL	MG	5000 ug/L	QO 6010B	108.2
JJX6A1AT	SR	50 ug/L	QO 6010B	0.5611
JJX6A1AE	CD	5 ug/L	QO 6010B	2.276
JJX6A1AR	NA	5000 ug/L	QO 6010B	110.4
JJX6A1AK	FE	100 ug/L	QO 6010B	25.00
JJX6A1AJ	CU	25 ug/L	QO 6010B	2.787
JJX6A1AH	CO	50 ug/L	QO 6010B	5.000
JJX6A1AF	CA	5000 ug/L	QO 6010B	36
JJX6A1AD	BE	5 ug/L	QO 6010B	0.5106
JJX6A1AC	BA	200 ug/L	QO 6010B	5.0
JJX6A1AA	SB	60 ug/L	QO 6010B	44.83
JJX6A1AV	ZN	20 ug/L	QO 6010B	9.63
JJX6A1AG	CR	10 ug/L	QO 6010B	3.092

Comments

VOA - report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery
- do not report more than one run -- contact PM if ??

Anion/Metals - CRDL standard required +/-25%

Batch/run Hanford samples by themselves
REPORT = RO2 ALL raw data must be turned in to reporting
W.Chem: Anions:ICV/CCV criteria +/- 10%
anion/Cn: CRDL standard required (can be in curve) +/-25%
Metals: CRDL standard required (can be in curve) +/-25%
BNA include Tributylphosphate in append 9 list.
ALL - do not report more than one run -- contact PM if ??
- report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery

SEVERN TRENT STL

Sample Comments for Batch:

6335103

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

Lot ID: F6K170169 **PM:** MLH
Client: 384868 Pacific Northwest National Laboratory
Project:
QuoteNo: 73232
SDG: SL649
RcptDate: 20061115
AnalDueDate: 20061211
RptDueDate: 20061213
Report Type: B Standard Report

F6K170169001

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXW41AW	AS	10 ug/L	MH 6020	2.00

F6K170169003

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXXH1AC	AS	10 ug/L	MH 6020	2.00

F6K170169004

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXXM1AC	AS	10 ug/L	MH 6020	2.00

F6K170169005

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXXV1AA	AS	10 ug/L	MH 6020	2.00

F6K170169006

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXX41AC	AS	10 ug/L	MH 6020	2.00

F6K170169007

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJXX61AW	AS	10 ug/L	MH 6020	2.00

F6K170169009

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2F1AW	AS	10 ug/L	MH 6020	2.00

F6K170169011

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2M1AC	AS	10 ug/L	MH 6020	2.00

F6K170169012

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2P1AW	AS	10 ug/L	MH 6020	2.00

F6K170169014

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX2W1AW	AS	10 ug/L	MH 6020	2.00

F6K170169016

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX261AC	AS	10 ug/L	MH 6020	2.00

F6K170169017

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX271AW	AS	10 ug/L	MH 6020	2.00

F6K170169019

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX3E1AW	AS	10 ug/L	MH 6020	2.00

F6K170169021

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJX6A1AW	AS	10 ug/L	MH 6020	2.00

Comments

VOA - report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery
- do not report more than one run -- contact PM if ??

Anion/Metals - CRDL standard required +/-25%

Batch/run Hanford samples by themselves
REPORT = RO2 ALL raw data must be turned in to reporting
W.Chem: Anions:ICV/CCV criteria +/- 10%
anion/Cn: CRDL standard required (can be in curve) +/-25%
Metals: CRDL standard required (can be in curve) +/-25%
BNA include Tributylphosphate in append 9 list.
ALL - do not report more than one run -- contact PM if ??
- report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery

SAMPLE SUMMARY

F6K170169

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJXW4	001	B1L2L3	11/14/06	10:59
JJXXH	003	B1L2M3	11/14/06	09:58
JJXXM	004	B1L2M8	11/14/06	09:00
JJXXV	005	B1L2N2	11/14/06	12:01
JJXX4	006	B1L348	11/14/06	08:45
JJXX6	007	B1L354	11/14/06	12:24
JJX2F	009	B1L2V3	11/14/06	11:34
JJX2M	011	B1L2K7	11/14/06	10:22
JJX2P	012	B1L300	11/14/06	11:08
JJX2W	014	B1L2T7	11/14/06	09:46
JJX26	016	B1L344	11/14/06	08:20
JJX27	017	B1L2Y4	11/14/06	09:02
JJX3E	019	B1L2N8	11/14/06	11:54
JJX6A	021	B1L2P4	11/14/06	11:54

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.

Pacific Northwest National Laboratory

Client Sample ID: B1L2L3

DISSOLVED Metals

Lot-Sample #...: F6K170169-001 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**23.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**9860**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**4330 B**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**11.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**37.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**286000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L2L3

DISSOLVED Metals

Lot-Sample #...: F6K170169-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**50200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**112**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXW41AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJXW41AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**5.5 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJXW41AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2M3

DISSOLVED Metals

Lot-Sample #...: F6K170169-003 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXH1AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2M8

DISSOLVED Metals

Lot-Sample #...: F6K170169-004 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXM1AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2N2

DISSOLVED Metals

Lot-Sample #...: F6K170169-005 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXXV1AA
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L348

DISSOLVED Metals

Lot-Sample #...: F6K170169-006 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXX41AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L354

DISSOLVED Metals

Lot-Sample #...: F6K170169-007 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**71200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**713**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**44.8 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**5750**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJXX61AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L354

DISSOLVED Metals

Lot-Sample #...: F6K170169-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	11800	5000	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	409	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	7.7 B	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	61.0	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJXX61AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	2.7 B	10.0	ug/L	SW846 6020	12/01-12/07/06	JJXX61AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2V3

DISSOLVED Metals

Lot-Sample #...: F6K170169-009 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**67.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**665**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**20200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2F1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2V3

DISSOLVED Metals

Lot-Sample #...: F6K170169-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**10400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**342**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**7.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**54.3**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2F1AV**
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX2F1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2K7

DISSOLVED Metals

Lot-Sample #...: F6K170169-011 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	**2.7 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX2M1AC**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L300

DISSOLVED Metals

Lot-Sample #...: F6K170169-012 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**30.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**49.9 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**9040**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**50.6**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**11.0 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**155000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L300

DISSOLVED Metals

Lot-Sample #...: F6K170169-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**31200**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**210**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2P1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2P1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**3.4 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX2P1AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2T7

DISSOLVED Metals

Lot-Sample #...: F6K170169-014 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**99.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**70600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**366**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15800**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**21100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2T7

DISSOLVED Metals

Lot-Sample #...: F6K170169-014 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**25300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**398**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX2W1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**65.8**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX2W1AV**
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX2W1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L344

DISSOLVED Metals

Lot-Sample #...: F6K170169-016 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX261AC
		Dilution Factor: 1		MDL.....: 2.0		

Pacific Northwest National Laboratory

Client Sample ID: B1L2Y4

DISSOLVED Metals

Lot-Sample #...: F6K170169-017 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**28.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**67000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	**5.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AH**
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**30.4 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**9.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**57.1**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**164000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2Y4

DISSOLVED Metals

Lot-Sample #...: F6K170169-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**66100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**336**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX271AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX271AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX271AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2N8

DISSOLVED Metals

Lot-Sample #...: F6K170169-019 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**78.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**65000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**547**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**16800**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**40000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L2N8

DISSOLVED Metals

Lot-Sample #...: F6K170169-019 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**418**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**9.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX3E1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX3E1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	**2.6 B**	**10.0**	**ug/L**	**SW846 6020**	**12/01-12/07/06**	**JJX3E1AW**
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L2P4

DISSOLVED Metals

Lot-Sample #...: F6K170169-021 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**77.7 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**66700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**561**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**40600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L2P4

DISSOLVED Metals

Lot-Sample #...: F6K170169-021 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**12500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**427**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**9.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/07/06**	**JJX6A1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JJX6A1AV
		Dilution Factor: 1		MDL.....: 9.6		
Prep Batch #...: 6335103						
Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JJX6A1AW
		Dilution Factor: 1		MDL.....: 2.0		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K170169 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F6K290000-379 **Prep Batch #...:** 6333379						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K170169 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/07/06	JKHKA1AV
		Dilution Factor: 1				

MB Lot-Sample #: F6L010000-103 **Prep Batch #...:** 6335103

Arsenic	ND	10.0	ug/L	SW846 6020	12/01-12/07/06	JKLRF1AA
		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 #...: F6K170169 **Matrix.....:** WATER

LCS Lot-Sample#: F6K290000-379 **Prep Batch #...:** 6333379

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	511	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1AW
			Dilution Factor: 1				
Barium	500	487	ug/L	97	SW846 6010B	11/29-12/07/06	JKHKA1AX
			Dilution Factor: 1				
Beryllium	500	532	ug/L	106	SW846 6010B	11/29-12/07/06	JKHKA1A0
			Dilution Factor: 1				
Cadmium	500	512	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1A1
			Dilution Factor: 1				
Calcium	10000	10300	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1A2
			Dilution Factor: 1				
Chromium	500	506	ug/L	101	SW846 6010B	11/29-12/07/06	JKHKA1A3
			Dilution Factor: 1				
Cobalt	500	503	ug/L	101	SW846 6010B	11/29-12/07/06	JKHKA1A4
			Dilution Factor: 1				
Copper	500	496	ug/L	99	SW846 6010B	11/29-12/07/06	JKHKA1A5
			Dilution Factor: 1				
Iron	500	537	ug/L	107	SW846 6010B	11/29-12/07/06	JKHKA1A6
			Dilution Factor: 1				
Magnesium	10000	10400	ug/L	104	SW846 6010B	11/29-12/07/06	JKHKA1A7
			Dilution Factor: 1				
Manganese	500	511	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1A8
			Dilution Factor: 1				
Nickel	500	502	ug/L	100	SW846 6010B	11/29-12/07/06	JKHKA1A9
			Dilution Factor: 1				
Potassium	10000	11300	ug/L	113	SW846 6010B	11/29-12/07/06	JKHKA1CA
			Dilution Factor: 1				
Silver	125	127	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K170169 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10400	ug/L	104	SW846 6010B	11/29-12/07/06	JKHKA1CD
			Dilution Factor: 1				
Strontium	500	515	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1CE
			Dilution Factor: 1				
Vanadium	500	510	ug/L	102	SW846 6010B	11/29-12/07/06	JKHKA1CF
			Dilution Factor: 1				
Zinc	500	513	ug/L	103	SW846 6010B	11/29-12/07/06	JKHKA1CG
			Dilution Factor: 1				
LCS Lot-Sample#: F6L010000-103 **Prep Batch #...:** 6335103							
Arsenic	500	464	ug/L	93	SW846 6020	12/01-12/07/06	JKLRF1AC
			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 #...: F6K170169 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F6K170169-001 **Prep Batch #...:** 6335103									
Arsenic									
	5.5	1000	984	ug/L	98		SW846 6020	12/01-12/07/06	JJXW41AX
	5.5	1000	979	ug/L	97	0.48	SW846 6020	12/01-12/07/06	JJXW41A0

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 #...: F6K170169 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

MS Lot-Sample #: F6K170169-007 **Prep Batch #...:** 6333379

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	243	ug/L	97		SW846 6010B	11/29-12/07/06	JJXX61AX
	ND	250	257	ug/L	103	5.5	SW846 6010B	11/29-12/07/06	JJXX61A0
			Dilution Factor: 1						
Barium									
	67.3	1000	1020	ug/L	95		SW846 6010B	11/29-12/07/06	JJXX61A1
	67.3	1000	1060	ug/L	100	4.0	SW846 6010B	11/29-12/07/06	JJXX61A2
			Dilution Factor: 1						
Beryllium									
	ND	25.0	25.6	ug/L	102		SW846 6010B	11/29-12/07/06	JJXX61A3
	ND	25.0	26.6	ug/L	106	3.9	SW846 6010B	11/29-12/07/06	JJXX61A4
			Dilution Factor: 1						
Cadmium									
	ND	25.0	23.6	ug/L	94		SW846 6010B	11/29-12/07/06	JJXX61A5
	ND	25.0	24.7	ug/L	99	4.7	SW846 6010B	11/29-12/07/06	JJXX61A6
			Dilution Factor: 1						
Calcium									
	71200	25000	89900	ug/L	75		SW846 6010B	11/29-12/07/06	JJXX61A7
	71200	25000	94500	ug/L	93	4.9	SW846 6010B	11/29-12/07/06	JJXX61A8
			Dilution Factor: 1						
Chromium									
	713	100	751 N	ug/L	38		SW846 6010B	11/29-12/07/06	JJXX61A9
	713	100	795	ug/L	82	5.7	SW846 6010B	11/29-12/07/06	JJXX61CA
			Dilution Factor: 1						
Cobalt									
	ND	250	230	ug/L	92		SW846 6010B	11/29-12/07/06	JJXX61CC
	ND	250	239	ug/L	96	4.0	SW846 6010B	11/29-12/07/06	JJXX61CD
			Dilution Factor: 1						
Copper									
	ND	125	113	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CE
	ND	125	118	ug/L	94	4.2	SW846 6010B	11/29-12/07/06	JJXX61CF
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K170169 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	44.8	500	546	ug/L	100		SW846 6010B	11/29-12/07/06	JJXX61CG
	44.8	500	570	ug/L	105	4.2	SW846 6010B	11/29-12/07/06	JJXX61CH
			Dilution Factor: 1						
Magnesium									
	17300	25000	40100	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CJ
	17300	25000	41900	ug/L	99	4.4	SW846 6010B	11/29-12/07/06	JJXX61CK
			Dilution Factor: 1						
Manganese									
	ND	250	239	ug/L	96		SW846 6010B	11/29-12/07/06	JJXX61CL
	ND	250	248	ug/L	99	3.8	SW846 6010B	11/29-12/07/06	JJXX61CM
			Dilution Factor: 1						
Nickel									
	ND	250	231	ug/L	92		SW846 6010B	11/29-12/07/06	JJXX61CN
	ND	250	240	ug/L	96	3.8	SW846 6010B	11/29-12/07/06	JJXX61CP
			Dilution Factor: 1						
Potassium									
	5750	25000	28900	ug/L	93		SW846 6010B	11/29-12/07/06	JJXX61CQ
	5750	25000	30900	ug/L	101	6.7	SW846 6010B	11/29-12/07/06	JJXX61CR
			Dilution Factor: 1						
Silver									
	ND	25.0	21.6	ug/L	86		SW846 6010B	11/29-12/07/06	JJXX61CT
	ND	25.0	23.5	ug/L	94	8.4	SW846 6010B	11/29-12/07/06	JJXX61CU
			Dilution Factor: 1						
Sodium									
	11800	25000	36100	ug/L	97		SW846 6010B	11/29-12/07/06	JJXX61CV
	11800	25000	37700	ug/L	103	4.2	SW846 6010B	11/29-12/07/06	JJXX61CW
			Dilution Factor: 1						
Strontium									
	409	500	865	ug/L	91		SW846 6010B	11/29-12/07/06	JJXX61CX
	409	500	905	ug/L	99	4.6	SW846 6010B	11/29-12/07/06	JJXX61C0
			Dilution Factor: 1						
Vanadium									
	7.7	250	247	ug/L	96		SW846 6010B	11/29-12/07/06	JJXX61C1
	7.7	250	257	ug/L	100	3.6	SW846 6010B	11/29-12/07/06	JJXX61C2
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K170169 **Matrix.....:** WATER
Date Sampled...: 11/14/06 **Date Received..:** 11/15/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	61.0	250	297	ug/L	94		SW846 6010B	11/29-12/07/06	JJXX61C3
	61.0	250	307	ug/L	98	3.3	SW846 6010B	11/29-12/07/06	JJXX61C4

Dilution Factor: 1

MS Lot-Sample #: F6K170169-007 **Prep Batch #...:** 6335103

Arsenic									
	2.7	1000	930	ug/L	93		SW846 6020	12/01-12/07/06	JJXX61C5
	2.7	1000	930	ug/L	93	0.05	SW846 6020	12/01-12/07/06	JJXX61C6

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.

SEVERN TRENT **STL**

Sample Comments for Batch:

6334476 / 6333370

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

Lot ID: F6K140240 **PM:** MLH
Client: 384868 Pacific Northwest National Laboratory
Project:
QuoteNo: 73137
SDG: SL649
RcptDate: 20061114
AnalDueDate: 20061211
RptDueDate: 20061213
Report Type: B Standard Report

F6K140240001

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJM8N1AP	K	5000 ug/L	QO 6010B	1500
JJM8N1AA	SB	60 ug/L	QO 6010B	44.83
JJM8N1AU	V	50 ug/L	QO 6010B	5.905
JJM8N1AT	SR	50 ug/L	QO 6010B	0.5611
JJM8N1AQ	AG	10 ug/L	QO 6010B	5.209
JJM8N1AV	ZN	20 ug/L	QO 6010B	9.63
JJM8N1AN	NI	40 ug/L	QO 6010B	7.488
JJM8N1AM	MN	15 ug/L	QO 6010B	2.458
JJM8N1AL	MG	5000 ug/L	QO 6010B	108.2
JJM8N1AD	BE	5 ug/L	QO 6010B	0.5106
JJM8N1AR	NA	5000 ug/L	QO 6010B	110.4
JJM8N1AC	BA	200 ug/L	QO 6010B	5.0
JJM8N1AK	FE	100 ug/L	QO 6010B	25.00
JJM8N1AE	CD	5 ug/L	QO 6010B	2.276
JJM8N1AF	CA	5000 ug/L	QO 6010B	36
JJM8N1AG	CR	10 ug/L	QO 6010B	3.092
JJM8N1AH	CO	50 ug/L	QO 6010B	5.000
JJM8N1AJ	CU	25 ug/L	QO 6010B	2.787

F6K140240003

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJM861AK	FE	100 ug/L	QO 6010B	25.00
JJM861AR	NA	5000 ug/L	QO 6010B	110.4
JJM861AQ	AG	10 ug/L	QO 6010B	5.209
JJM861AP	K	5000 ug/L	QO 6010B	1500
JJM861AN	NI	40 ug/L	QO 6010B	7.488
JJM861AM	MN	15 ug/L	QO 6010B	2.458
JJM861AL	MG	5000 ug/L	QO 6010B	108.2
JJM861AT	SR	50 ug/L	QO 6010B	0.5611
JJM861AJ	CU	25 ug/L	QO 6010B	2.787
JJM861AH	CO	50 ug/L	QO 6010B	5.000
JJM861AG	CR	10 ug/L	QO 6010B	3.092
JJM861AF	CA	5000 ug/L	QO 6010B	36
JJM861AE	CD	5 ug/L	QO 6010B	2.276
JJM861AD	BE	5 ug/L	QO 6010B	0.5106
JJM861AU	V	50 ug/L	QO 6010B	5.905
JJM861AA	SB	60 ug/L	QO 6010B	44.83
JJM861AV	ZN	20 ug/L	QO 6010B	9.63
JJM861AC	BA	200 ug/L	QO 6010B	5.0

F6K140240005

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJM9C1AP	K	5000 ug/L	QO 6010B	1500
JJM9C1AA	SB	60 ug/L	QO 6010B	44.83
JJM9C1AU	V	50 ug/L	QO 6010B	5.905
JJM9C1AT	SR	50 ug/L	QO 6010B	0.5611
JJM9C1AQ	AG	10 ug/L	QO 6010B	5.209
JJM9C1AV	ZN	20 ug/L	QO 6010B	9.63
JJM9C1AN	NI	40 ug/L	QO 6010B	7.488
JJM9C1AM	MN	15 ug/L	QO 6010B	2.458
JJM9C1AL	MG	5000 ug/L	QO 6010B	108.2
JJM9C1AD	BE	5 ug/L	QO 6010B	0.5106
JJM9C1AJ	CU	25 ug/L	QO 6010B	2.787
JJM9C1AH	CO	50 ug/L	QO 6010B	5.000
JJM9C1AG	CR	10 ug/L	QO 6010B	3.092
JJM9C1AF	CA	5000 ug/L	QO 6010B	36
JJM9C1AE	CD	5 ug/L	QO 6010B	2.276
JJM9C1AK	FE	100 ug/L	QO 6010B	25.00
JJM9C1AR	NA	5000 ug/L	QO 6010B	110.4
JJM9C1AC	BA	200 ug/L	QO 6010B	5.0

F6K140240007

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJM9H1AM	MN	15 ug/L	QO 6010B	2.458
JJM9H1AN	NI	40 ug/L	QO 6010B	7.488
JJM9H1AP	K	5000 ug/L	QO 6010B	1500
JJM9H1AQ	AG	10 ug/L	QO 6010B	5.209
JJM9H1AR	NA	5000 ug/L	QO 6010B	110.4
JJM9H1AU	V	50 ug/L	QO 6010B	5.905
JJM9H1AL	MG	5000 ug/L	QO 6010B	108.2
JJM9H1AT	SR	50 ug/L	QO 6010B	0.5611
JJM9H1AK	FE	100 ug/L	QO 6010B	25.00
JJM9H1AJ	CU	25 ug/L	QO 6010B	2.787
JJM9H1AH	CO	50 ug/L	QO 6010B	5.000
JJM9H1AG	CR	10 ug/L	QO 6010B	3.092
JJM9H1AF	CA	5000 ug/L	QO 6010B	36
JJM9H1AE	CD	5 ug/L	QO 6010B	2.276
JJM9H1AD	BE	5 ug/L	QO 6010B	0.5106
JJM9H1AA	SB	60 ug/L	QO 6010B	44.83
JJM9H1AV	ZN	20 ug/L	QO 6010B	9.63
JJM9H1AC	BA	200 ug/L	QO 6010B	5.0

Comments

VOA - report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery
- do not report more than one run -- contact PM if ??

Anion/Metals - CRDL standard required +/-25%

Batch/run Hanford samples by themselves
REPORT = RO2 ALL raw data must be turned in to reporting
W.Chem: Anions:ICV/CCV criteria +/- 10%
anion/Cn: CRDL standard required (can be in curve) +/-25%
Metals: CRDL standard required (can be in curve) +/-25%
BNA include Tributylphosphate in append 9 list.
ALL - do not report more than one run -- contact PM if ??
- report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery

SEVERN TRENT STL

Sample Comments for Batch:

6333370

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

Lot ID: F6K160224 **PM:** MLH
Client: 384868 Pacific Northwest National Laboratory
Project:
QuoteNo: 73137
SDG: SL649
RcptDate: 20061116
AnalDueDate: 20061211
RptDueDate: 20061213
Report Type: B Standard Report

F6K160224001

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVAM1AP	K	5000 ug/L	QO 6010B	1500
JJVAM1AA	SB	60 ug/L	QO 6010B	44.83
JJVAM1AV	ZN	20 ug/L	QO 6010B	9.63
JJVAM1AU	V	50 ug/L	QO 6010B	5.905
JJVAM1AT	SR	50 ug/L	QO 6010B	0.5611
JJVAM1AQ	AG	10 ug/L	QO 6010B	5.209
JJVAM1AN	NI	40 ug/L	QO 6010B	7.488
JJVAM1AM	MN	15 ug/L	QO 6010B	2.458
JJVAM1AL	MG	5000 ug/L	QO 6010B	108.2
JJVAM1AD	BE	5 ug/L	QO 6010B	0.5106
JJVAM1AR	NA	5000 ug/L	QO 6010B	110.4
JJVAM1AC	BA	200 ug/L	QO 6010B	5.0
JJVAM1AK	FE	100 ug/L	QO 6010B	25.00
JJVAM1AE	CD	5 ug/L	QO 6010B	2.276
JJVAM1AF	CA	5000 ug/L	QO 6010B	36
JJVAM1AG	CR	10 ug/L	QO 6010B	3.092
JJVAM1AH	CO	50 ug/L	QO 6010B	5.000
JJVAM1AJ	CU	25 ug/L	QO 6010B	2.787

F6K160224003

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVAT1AM	MN	15 ug/L	QO 6010B	2.458
JJVAT1AE	CD	5 ug/L	QO 6010B	2.276
JJVAT1AU	V	50 ug/L	QO 6010B	5.905
JJVAT1AT	SR	50 ug/L	QO 6010B	0.5611
JJVAT1AR	NA	5000 ug/L	QO 6010B	110.4
JJVAT1AQ	AG	10 ug/L	QO 6010B	5.209
JJVAT1AP	K	5000 ug/L	QO 6010B	1500
JJVAT1AN	NI	40 ug/L	QO 6010B	7.488
JJVAT1AV	ZN	20 ug/L	QO 6010B	9.63
JJVAT1AC	BA	200 ug/L	QO 6010B	5.0
JJVAT1AG	CR	10 ug/L	QO 6010B	3.092
JJVAT1AA	SB	60 ug/L	QO 6010B	44.83
JJVAT1AL	MG	5000 ug/L	QO 6010B	108.2
JJVAT1AD	BE	5 ug/L	QO 6010B	0.5106
JJVAT1AF	CA	5000 ug/L	QO 6010B	36
JJVAT1AH	CO	50 ug/L	QO 6010B	5.000
JJVAT1AJ	CU	25 ug/L	QO 6010B	2.787
JJVAT1AK	FE	100 ug/L	QO 6010B	25.00

F6K160224005

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVCD1AK	FE	100 ug/L	QO 6010B	25.00
JJVCD1AL	MG	5000 ug/L	QO 6010B	108.2
JJVCD1AU	V	50 ug/L	QO 6010B	5.905
JJVCD1AT	SR	50 ug/L	QO 6010B	0.5611
JJVCD1AR	NA	5000 ug/L	QO 6010B	110.4
JJVCD1AQ	AG	10 ug/L	QO 6010B	5.209
JJVCD1AP	K	5000 ug/L	QO 6010B	1500
JJVCD1AN	NI	40 ug/L	QO 6010B	7.488
JJVCD1AV	ZN	20 ug/L	QO 6010B	9.63
JJVCD1AD	BE	5 ug/L	QO 6010B	0.5106
JJVCD1AM	MN	15 ug/L	QO 6010B	2.458
JJVCD1AC	BA	200 ug/L	QO 6010B	5.0
JJVCD1AE	CD	5 ug/L	QO 6010B	2.276
JJVCD1AF	CA	5000 ug/L	QO 6010B	36
JJVCD1AG	CR	10 ug/L	QO 6010B	3.092
JJVCD1AH	CO	50 ug/L	QO 6010B	5.000
JJVCD1AJ	CU	25 ug/L	QO 6010B	2.787
JJVCD1AA	SB	60 ug/L	QO 6010B	44.83

F6K160224007

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVCK1AP	K	5000 ug/L	QO 6010B	1500
JJVCK1AL	MG	5000 ug/L	QO 6010B	108.2
JJVCK1AU	V	50 ug/L	QO 6010B	5.905
JJVCK1AT	SR	50 ug/L	QO 6010B	0.5611
JJVCK1AQ	AG	10 ug/L	QO 6010B	5.209
JJVCK1AN	NI	40 ug/L	QO 6010B	7.488
JJVCK1AM	MN	15 ug/L	QO 6010B	2.458
JJVCK1AV	ZN	20 ug/L	QO 6010B	9.63
JJVCK1AC	BA	200 ug/L	QO 6010B	5.0
JJVCK1AR	NA	5000 ug/L	QO 6010B	110.4
JJVCK1AK	FE	100 ug/L	QO 6010B	25.00
JJVCK1AA	SB	60 ug/L	QO 6010B	44.83
JJVCK1AD	BE	5 ug/L	QO 6010B	0.5106
JJVCK1AE	CD	5 ug/L	QO 6010B	2.276
JJVCK1AF	CA	5000 ug/L	QO 6010B	36
JJVCK1AG	CR	10 ug/L	QO 6010B	3.092
JJVCK1AH	CO	50 ug/L	QO 6010B	5.000
JJVCK1AJ	CU	25 ug/L	QO 6010B	2.787

F6K160224009

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVCN1AU	V	50 ug/L	QO 6010B	5.905
JJVCN1AE	CD	5 ug/L	QO 6010B	2.276
JJVCN1AL	MG	5000 ug/L	QO 6010B	108.2
JJVCN1AR	NA	5000 ug/L	QO 6010B	110.4
JJVCN1AQ	AG	10 ug/L	QO 6010B	5.209
JJVCN1AP	K	5000 ug/L	QO 6010B	1500
JJVCN1AN	NI	40 ug/L	QO 6010B	7.488
JJVCN1AM	MN	15 ug/L	QO 6010B	2.458
JJVCN1AT	SR	50 ug/L	QO 6010B	0.5611
JJVCN1AK	FE	100 ug/L	QO 6010B	25.00
JJVCN1AJ	CU	25 ug/L	QO 6010B	2.787
JJVCN1AH	CO	50 ug/L	QO 6010B	5.000
JJVCN1AF	CA	5000 ug/L	QO 6010B	36
JJVCN1AD	BE	5 ug/L	QO 6010B	0.5106
JJVCN1AC	BA	200 ug/L	QO 6010B	5.0
JJVCN1AA	SB	60 ug/L	QO 6010B	44.83
JJVCN1AV	ZN	20 ug/L	QO 6010B	9.63
JJVCN1AG	CR	10 ug/L	QO 6010B	3.092

F6K160224011

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVCQ1AP	K	5000 ug/L	QO 6010B	1500
JJVCQ1AA	SB	60 ug/L	QO 6010B	44.83
JJVCQ1AV	ZN	20 ug/L	QO 6010B	9.63
JJVCQ1AU	V	50 ug/L	QO 6010B	5.905
JJVCQ1AT	SR	50 ug/L	QO 6010B	0.5611
JJVCQ1AQ	AG	10 ug/L	QO 6010B	5.209
JJVCQ1AN	NI	40 ug/L	QO 6010B	7.488
JJVCQ1AM	MN	15 ug/L	QO 6010B	2.458
JJVCQ1AL	MG	5000 ug/L	QO 6010B	108.2
JJVCQ1AD	BE	5 ug/L	QO 6010B	0.5106
JJVCQ1AR	NA	5000 ug/L	QO 6010B	110.4
JJVCQ1AC	BA	200 ug/L	QO 6010B	5.0
JJVCQ1AK	FE	100 ug/L	QO 6010B	25.00
JJVCQ1AE	CD	5 ug/L	QO 6010B	2.276
JJVCQ1AF	CA	5000 ug/L	QO 6010B	36
JJVCQ1AG	CR	10 ug/L	QO 6010B	3.092
JJVCQ1AH	CO	50 ug/L	QO 6010B	5.000
JJVCQ1AJ	CU	25 ug/L	QO 6010B	2.787

SEVERN TRENT STL

Sample Comments for Batch:

6333370

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

F6K160224013

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVCT1AM	MN	15 ug/L	QO 6010B	2.458
JJVCT1AE	CD	5 ug/L	QO 6010B	2.276
JJVCT1AU	V	50 ug/L	QO 6010B	5.905
JJVCT1AT	SR	50 ug/L	QO 6010B	0.5611
JJVCT1AR	NA	5000 ug/L	QO 6010B	110.4
JJVCT1AQ	AG	10 ug/L	QO 6010B	5.209
JJVCT1AP	K	5000 ug/L	QO 6010B	1500
JJVCT1AN	NI	40 ug/L	QO 6010B	7.488
JJVCT1AV	ZN	20 ug/L	QO 6010B	9.63
JJVCT1AC	BA	200 ug/L	QO 6010B	5.0
JJVCT1AK	FE	100 ug/L	QO 6010B	25.00
JJVCT1AJ	CU	25 ug/L	QO 6010B	2.787
JJVCT1AH	CO	50 ug/L	QO 6010B	5.000
JJVCT1AA	SB	60 ug/L	QO 6010B	44.83
JJVCT1AF	CA	5000 ug/L	QO 6010B	36
JJVCT1AD	BE	5 ug/L	QO 6010B	0.5106
JJVCT1AL	MG	5000 ug/L	QO 6010B	108.2
JJVCT1AG	CR	10 ug/L	QO 6010B	3.092

F6K160224015

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVC01AN	NI	40 ug/L	QO 6010B	7.488
JJVC01AP	K	5000 ug/L	QO 6010B	1500
JJVC01AQ	AG	10 ug/L	QO 6010B	5.209
JJVC01AR	NA	5000 ug/L	QO 6010B	110.4
JJVC01AT	SR	50 ug/L	QO 6010B	0.5611
JJVC01AV	ZN	20 ug/L	QO 6010B	9.63
JJVC01AK	FE	100 ug/L	QO 6010B	25.00
JJVC01AL	MG	5000 ug/L	QO 6010B	108.2
JJVC01AU	V	50 ug/L	QO 6010B	5.905
JJVC01AC	BA	200 ug/L	QO 6010B	5.0
JJVC01AM	MN	15 ug/L	QO 6010B	2.458
JJVC01AA	SB	60 ug/L	QO 6010B	44.83
JJVC01AD	BE	5 ug/L	QO 6010B	0.5106
JJVC01AE	CD	5 ug/L	QO 6010B	2.276
JJVC01AF	CA	5000 ug/L	QO 6010B	36
JJVC01AG	CR	10 ug/L	QO 6010B	3.092
JJVC01AH	CO	50 ug/L	QO 6010B	5.000
JJVC01AJ	CU	25 ug/L	QO 6010B	2.787

F6K160224017

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVDK1AP	K	5000 ug/L	QO 6010B	1500
JJVDK1AL	MG	5000 ug/L	QO 6010B	108.2
JJVDK1AU	V	50 ug/L	QO 6010B	5.905
JJVDK1AT	SR	50 ug/L	QO 6010B	0.5611
JJVDK1AQ	AG	10 ug/L	QO 6010B	5.209
JJVDK1AN	NI	40 ug/L	QO 6010B	7.488
JJVDK1AM	MN	15 ug/L	QO 6010B	2.458
JJVDK1AV	ZN	20 ug/L	QO 6010B	9.63
JJVDK1AC	BA	200 ug/L	QO 6010B	5.0
JJVDK1AR	NA	5000 ug/L	QO 6010B	110.4
JJVDK1AK	FE	100 ug/L	QO 6010B	25.00
JJVDK1AA	SB	60 ug/L	QO 6010B	44.83
JJVDK1AD	BE	5 ug/L	QO 6010B	0.5106
JJVDK1AE	CD	5 ug/L	QO 6010B	2.276
JJVDK1AF	CA	5000 ug/L	QO 6010B	36
JJVDK1AG	CR	10 ug/L	QO 6010B	3.092
JJVDK1AH	CO	50 ug/L	QO 6010B	5.000
JJVDK1AJ	CU	25 ug/L	QO 6010B	2.787

F6K160224019

Extraction: JX METALS, FILTERED 2% HCL, DISSOLVED

WRKNO	Analyte	RL	Method	MDL
JJVD21AU	V	50 ug/L	QO 6010B	5.905
JJVD21AE	CD	5 ug/L	QO 6010B	2.276
JJVD21AL	MG	5000 ug/L	QO 6010B	108.2
JJVD21AR	NA	5000 ug/L	QO 6010B	110.4
JJVD21AQ	AG	10 ug/L	QO 6010B	5.209
JJVD21AP	K	5000 ug/L	QO 6010B	1500
JJVD21AN	NI	40 ug/L	QO 6010B	7.488
JJVD21AM	MN	15 ug/L	QO 6010B	2.458
JJVD21AT	SR	50 ug/L	QO 6010B	0.5611
JJVD21AK	FE	100 ug/L	QO 6010B	25.00
JJVD21AJ	CU	25 ug/L	QO 6010B	2.787
JJVD21AH	CO	50 ug/L	QO 6010B	5.000
JJVD21AF	CA	5000 ug/L	QO 6010B	36
JJVD21AD	BE	5 ug/L	QO 6010B	0.5106
JJVD21AC	BA	200 ug/L	QO 6010B	5.0
JJVD21AA	SB	60 ug/L	QO 6010B	44.83
JJVD21AV	ZN	20 ug/L	QO 6010B	9.63
JJVD21AG	CR	10 ug/L	QO 6010B	3.092

Comments

VOA - report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery
- do not report more than one run -- contact PM if ??

Anion/Metals - CRDL standard required +/-25%

Batch/run Hanford samples by themselves
REPORT = RO2 ALL raw data must be turned in to reporting
W.Chem: Anions:ICV/CCV criteria +/- 10%
anion/Cn: CRDL standard required (can be in curve) +/-25%
Metals: CRDL standard required (can be in curve) +/-25%
BNA include Tributylphosphate in append 9 list.
ALL - do not report more than one run -- contact PM if ??
- report each compound only 1 time, if dilutions
- re-inject for poor internal standard recovery

Pacific Northwest National Laboratory

Client Sample ID: B1L6W2

DISSOLVED Metals

Lot-Sample #...: F6K140240-001 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**108 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**118000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**13.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**121**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM8N1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**34800**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**10.4 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM8N1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**10600**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM8N1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L6W2

DISSOLVED Metals

Lot-Sample #...: F6K140240-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	49700	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM8N1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	627	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	9.6 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	13.6 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM8N1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L762

DISSOLVED Metals

Lot-Sample #...: F6K140240-003 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**89.5 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**97800**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**55.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/30-12/05/06	JJM861AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**33900**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM861AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**9530**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM861AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AQ
		Dilution Factor: 1		MDL.....: 5.2		

(Continued on next page)

Pacific Northwest National Laboratory

Client Sample ID: B1L762

DISSOLVED Metals

Lot-Sample #...: F6K140240-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	48600	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM861AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	561	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	13.2 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	15.9 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM861AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L6P1

DISSOLVED Metals

Lot-Sample #...: F6K140240-005 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**187 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**191000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**38.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**293**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9C1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**53300**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**4.7 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9C1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**14000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9C1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6P1

DISSOLVED Metals

Lot-Sample #...: F6K140240-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	146000	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM9C1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	1130	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	12.5 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	14.2 B,C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9C1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

Pacific Northwest National Laboratory

Client Sample ID: B1L777

DISSOLVED Metals

Lot-Sample #...: F6K140240-007 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**97.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**110000**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**21.2**	**10.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**252**	**100**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9H1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**33600**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**3.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JJM9H1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8890**	**5000**	**ug/L**	**SW846 6010B**	**11/30-12/05/06**	**JJM9H1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L777

DISSOLVED Metals

Lot-Sample #...: F6K140240-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	40000	5000	ug/L	SW846 6010B	11/30-12/05/06	JJM9H1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	613	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	11.3 B	50.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	175 C	20.0	ug/L	SW846 6010B	11/30-12/06/06	JJM9H1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

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

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F6K300000-476 **Prep Batch #...:** 6334476						
Antimony	ND	60.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/30-12/05/06	JKLEX1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/30-12/06/06	JKLEX1AU
		Dilution Factor: 1				
Zinc	**12.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/30-12/06/06**	**JKLEX1AV**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER

LCS Lot-Sample#: F6K300000-476 **Prep Batch #...:** 6334476

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	502	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1AW
			Dilution Factor: 1				
Barium	500	490	ug/L	98	SW846 6010B	11/30-12/06/06	JKLEX1AX
			Dilution Factor: 1				
Beryllium	500	526	ug/L	105	SW846 6010B	11/30-12/06/06	JKLEX1A0
			Dilution Factor: 1				
Cadmium	500	508	ug/L	102	SW846 6010B	11/30-12/06/06	JKLEX1A1
			Dilution Factor: 1				
Calcium	10000	10100	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1A2
			Dilution Factor: 1				
Chromium	500	499	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1A3
			Dilution Factor: 1				
Cobalt	500	498	ug/L	100	SW846 6010B	11/30-12/06/06	JKLEX1A4
			Dilution Factor: 1				
Copper	500	488	ug/L	98	SW846 6010B	11/30-12/06/06	JKLEX1A5
			Dilution Factor: 1				
Iron	500	508	ug/L	102	SW846 6010B	11/30-12/05/06	JKLEX1A6
			Dilution Factor: 1				
Magnesium	10000	10300	ug/L	103	SW846 6010B	11/30-12/06/06	JKLEX1A7
			Dilution Factor: 1				
Manganese	500	505	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1A8
			Dilution Factor: 1				
Nickel	500	497	ug/L	99	SW846 6010B	11/30-12/06/06	JKLEX1A9
			Dilution Factor: 1				
Potassium	10000	9680	ug/L	97	SW846 6010B	11/30-12/05/06	JKLEX1CA
			Dilution Factor: 1				
Silver	125	124	ug/L	99	SW846 6010B	11/30-12/06/06	JKLEX1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	9980	ug/L	100	SW846 6010B	11/30-12/05/06	JKLEX1CD
			Dilution Factor: 1				
Strontium	500	504	ug/L	101	SW846 6010B	11/30-12/06/06	JKLEX1CE
			Dilution Factor: 1				
Vanadium	500	508	ug/L	102	SW846 6010B	11/30-12/06/06	JKLEX1CF
			Dilution Factor: 1				
Zinc	500	481	ug/L	96	SW846 6010B	11/30-12/06/06	JKLEX1CG
			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 #...: F6K140240 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

MS Lot-Sample #: F6K140240-001 **Prep Batch #...:** 6334476

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	246	ug/L	99		SW846 6010B	11/30-12/06/06	JJM8N1AW
	ND	250	249	ug/L	100	1.0	SW846 6010B	11/30-12/06/06	JJM8N1AX
			Dilution Factor: 1						
Barium									
	108	1000	1130	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1A0
	108	1000	1120	ug/L	101	0.83	SW846 6010B	11/30-12/06/06	JJM8N1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.0	ug/L	108		SW846 6010B	11/30-12/06/06	JJM8N1A2
	ND	25.0	26.9	ug/L	108	0.44	SW846 6010B	11/30-12/06/06	JJM8N1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	24.7	ug/L	99		SW846 6010B	11/30-12/06/06	JJM8N1A4
	ND	25.0	24.6	ug/L	98	0.16	SW846 6010B	11/30-12/06/06	JJM8N1A5
			Dilution Factor: 1						
Calcium									
	118000	25000	159000	ug/L	163		SW846 6010B	11/30-12/06/06	JJM8N1A6
			Qualifiers: N						
	118000	25000	156000	ug/L	150	2.1	SW846 6010B	11/30-12/06/06	JJM8N1A7
			Qualifiers: N						
			Dilution Factor: 1						
Chromium									
	13.5	100	115	ug/L	101		SW846 6010B	11/30-12/06/06	JJM8N1A8
	13.5	100	113	ug/L	99	1.6	SW846 6010B	11/30-12/06/06	JJM8N1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	241	ug/L	97		SW846 6010B	11/30-12/06/06	JJM8N1CA
	ND	250	240	ug/L	96	0.44	SW846 6010B	11/30-12/06/06	JJM8N1CC
			Dilution Factor: 1						
Copper									
	ND	125	127	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1CD
	ND	125	126	ug/L	100	1.0	SW846 6010B	11/30-12/06/06	JJM8N1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	121	500	639	ug/L	104		SW846 6010B	11/30-12/05/06	JJM8N1CF
	121	500	630	ug/L	102	1.4	SW846 6010B	11/30-12/05/06	JJM8N1CG
			Dilution Factor: 1						
Magnesium									
	34800	25000	64600	ug/L	119		SW846 6010B	11/30-12/06/06	JJM8N1CH
	34800	25000	63400	ug/L	115	1.8	SW846 6010B	11/30-12/06/06	JJM8N1CJ
			Dilution Factor: 1						
Manganese									
	10.4	250	261	ug/L	100		SW846 6010B	11/30-12/06/06	JJM8N1CK
	10.4	250	259	ug/L	100	0.51	SW846 6010B	11/30-12/06/06	JJM8N1CL
			Dilution Factor: 1						
Nickel									
	ND	250	245	ug/L	98		SW846 6010B	11/30-12/06/06	JJM8N1CM
	ND	250	244	ug/L	98	0.45	SW846 6010B	11/30-12/06/06	JJM8N1CN
			Dilution Factor: 1						
Potassium									
	10600	25000	37700	ug/L	108		SW846 6010B	11/30-12/05/06	JJM8N1CP
	10600	25000	36600	ug/L	104	3.0	SW846 6010B	11/30-12/05/06	JJM8N1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	24.1	ug/L	96		SW846 6010B	11/30-12/06/06	JJM8N1CR
	ND	25.0	24.5	ug/L	98	1.4	SW846 6010B	11/30-12/06/06	JJM8N1CT
			Dilution Factor: 1						
Sodium									
	49700	25000	79300	ug/L	118		SW846 6010B	11/30-12/05/06	JJM8N1CU
	49700	25000	78000	ug/L	113	1.7	SW846 6010B	11/30-12/05/06	JJM8N1CV
			Dilution Factor: 1						
Strontium									
	627	500	1230	ug/L	120		SW846 6010B	11/30-12/06/06	JJM8N1CW
	627	500	1210	ug/L	117	1.5	SW846 6010B	11/30-12/06/06	JJM8N1CX
			Dilution Factor: 1						
Vanadium									
	9.6	250	264	ug/L	102		SW846 6010B	11/30-12/06/06	JJM8N1C0
	9.6	250	263	ug/L	101	0.46	SW846 6010B	11/30-12/06/06	JJM8N1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K140240 **Matrix.....:** WATER
Date Sampled...: 11/13/06 **Date Received..:** 11/14/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	13.6	250	244	ug/L	92		SW846 6010B	11/30-12/06/06	JJM8N1C2
	13.6	250	243	ug/L	92	0.08	SW846 6010B	11/30-12/06/06	JJM8N1C3

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.

Pacific Northwest National Laboratory

Client Sample ID: B1L701

DISSOLVED Metals

Lot-Sample #...: F6K160224-001 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**52.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**60000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**14.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**26.5 B**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**22.0**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	**30.9 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AN**
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8530**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAM1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L701

DISSOLVED Metals

Lot-Sample #...: F6K160224-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	28800	5000	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	339	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	18.2 B	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	20.6	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAM1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L709

DISSOLVED Metals

Lot-Sample #...: F6K160224-003 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**183 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**201000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**24.1**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**410**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**57400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**15400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L709

DISSOLVED Metals

Lot-Sample #...: F6K160224-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**199000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1190**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.9 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVAT1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVAT1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L705

DISSOLVED Metals

Lot-Sample #...: F6K160224-005 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**188 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**206000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**24.5**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**418**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**58600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**15500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L705

DISSOLVED Metals

Lot-Sample #...: F6K160224-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**200000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1230**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**12.4 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCD1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCD1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T0

DISSOLVED Metals

Lot-Sample #...: F6K160224-007 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**64.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**58000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**7700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6T0

DISSOLVED Metals

Lot-Sample #...: F6K160224-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**302**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**18.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCK1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCK1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R6

DISSOLVED Metals

Lot-Sample #...: F6K160224-009 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**64.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**56500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.2 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**17100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8760**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6R6

DISSOLVED Metals

Lot-Sample #...: F6K160224-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**29700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**295**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**17.7 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCN1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCN1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L722

DISSOLVED Metals

Lot-Sample #...: F6K160224-011 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**43.2 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**43600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**173**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**5.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**6540**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCQ1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L722

DISSOLVED Metals

Lot-Sample #...: F6K160224-011 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	16800	5000	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	222	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	20.5 B	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	14.6 B	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCQ1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6R1

DISSOLVED Metals

Lot-Sample #...: F6K160224-013 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**50.6 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**53900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**3.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**15700**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**7.6 B**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8380**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6R1

DISSOLVED Metals

Lot-Sample #...: F6K160224-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**21000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**271**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**17.6 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVCT1AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVCT1AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L738

DISSOLVED Metals

Lot-Sample #...: F6K160224-015 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**63.3 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**55600**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AG
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**16500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**7290**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L738

DISSOLVED Metals

Lot-Sample #...: F6K160224-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**28500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**285**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	**18.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVC01AU**
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVC01AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6Y6

DISSOLVED Metals

Lot-Sample #...: F6K160224-017 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**69.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**217000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**8.1 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	**461**	**100**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AK**
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**48100**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	**30.9**	**15.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AM**
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**17300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6Y6

DISSOLVED Metals

Lot-Sample #...: F6K160224-017 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	**319000**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AR**
		Dilution Factor: 1		MDL.....: 110		
Strontium	**1190**	**50.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AT**
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVDK1AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	**15.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVDK1AV**
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

Pacific Northwest National Laboratory

Client Sample ID: B1L6T8

DISSOLVED Metals

Lot-Sample #...: F6K160224-019 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6333370						
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AA
		Dilution Factor: 1		MDL.....: 44.8		
Barium	**78.9 B**	**200**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AC**
		Dilution Factor: 1		MDL.....: 5.0		
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AD
		Dilution Factor: 1		MDL.....: 0.51		
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AE
		Dilution Factor: 1		MDL.....: 2.3		
Calcium	**76500**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AF**
		Dilution Factor: 1		MDL.....: 36.0		
Chromium	**4.6 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AG**
		Dilution Factor: 1		MDL.....: 3.1		
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AH
		Dilution Factor: 1		MDL.....: 5.0		
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AJ
		Dilution Factor: 1		MDL.....: 2.8		
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AK
		Dilution Factor: 1		MDL.....: 25.0		
Magnesium	**22300**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AL**
		Dilution Factor: 1		MDL.....: 108		
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AM
		Dilution Factor: 1		MDL.....: 2.5		
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AN
		Dilution Factor: 1		MDL.....: 7.5		
Potassium	**8900**	**5000**	**ug/L**	**SW846 6010B**	**11/29-12/06/06**	**JJVD21AP**
		Dilution Factor: 1		MDL.....: 1500		
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AQ
		Dilution Factor: 1		MDL.....: 5.2		

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Pacific Northwest National Laboratory

Client Sample ID: B1L6T8

DISSOLVED Metals

Lot-Sample #...: F6K160224-019 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	32400	5000	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AR
		Dilution Factor: 1		MDL.....: 110		
Strontium	392	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AT
		Dilution Factor: 1		MDL.....: 0.56		
Vanadium	17.2 B	50.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AU
		Dilution Factor: 1		MDL.....: 5.9		
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JJVD21AV
		Dilution Factor: 1		MDL.....: 9.6		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K160224 **Matrix.....:** WATER

MB Lot-Sample #: F6K290000-370 **Prep Batch #...:** 6333370

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	60.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AA
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AC
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AD
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AF
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AG
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AH
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AJ
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AK
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AL
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AM
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AN
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AP
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AQ
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AR
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: F6K160224 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AT
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AU
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	11/29-12/06/06	JKHHN1AV
		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 #...: F6K160224 **Matrix.....:** WATER

LCS Lot-Sample#: F6K290000-370 **Prep Batch #...:** 6333370

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	526	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1AW
			Dilution Factor: 1				
Barium	500	519	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1AX
			Dilution Factor: 1				
Beryllium	500	559	ug/L	112	SW846 6010B	11/29-12/06/06	JKHHN1A0
			Dilution Factor: 1				
Cadmium	500	537	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A1
			Dilution Factor: 1				
Calcium	10000	10700	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A2
			Dilution Factor: 1				
Chromium	500	528	ug/L	106	SW846 6010B	11/29-12/06/06	JKHHN1A3
			Dilution Factor: 1				
Cobalt	500	527	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1A4
			Dilution Factor: 1				
Copper	500	514	ug/L	103	SW846 6010B	11/29-12/06/06	JKHHN1A5
			Dilution Factor: 1				
Iron	500	518	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1A6
			Dilution Factor: 1				
Magnesium	10000	10900	ug/L	109	SW846 6010B	11/29-12/06/06	JKHHN1A7
			Dilution Factor: 1				
Manganese	500	534	ug/L	107	SW846 6010B	11/29-12/06/06	JKHHN1A8
			Dilution Factor: 1				
Nickel	500	527	ug/L	105	SW846 6010B	11/29-12/06/06	JKHHN1A9
			Dilution Factor: 1				
Potassium	10000	9960	ug/L	100	SW846 6010B	11/29-12/06/06	JKHHN1CA
			Dilution Factor: 1				
Silver	125	130	ug/L	104	SW846 6010B	11/29-12/06/06	JKHHN1CC
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K160224 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	10000	10300	ug/L	103	SW846 6010B	11/29-12/06/06	JKHHN1CD
			Dilution Factor: 1				
Strontium	500	539	ug/L	108	SW846 6010B	11/29-12/06/06	JKHHN1CE
			Dilution Factor: 1				
Vanadium	500	532	ug/L	106	SW846 6010B	11/29-12/06/06	JKHHN1CF
			Dilution Factor: 1				
Zinc	500	512	ug/L	102	SW846 6010B	11/29-12/06/06	JKHHN1CG
			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 #...: F6K160224 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

MS Lot-Sample #: F6K160224-001 **Prep Batch #...:** 6333370

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	250	255	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1AW
	ND	250	259	ug/L	103	1.3	SW846 6010B	11/29-12/06/06	JJVAM1AX
			Dilution Factor: 1						
Barium									
	52.2	1000	1080	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A0
	52.2	1000	1080	ug/L	103	0.41	SW846 6010B	11/29-12/06/06	JJVAM1A1
			Dilution Factor: 1						
Beryllium									
	ND	25.0	27.7	ug/L	111		SW846 6010B	11/29-12/06/06	JJVAM1A2
	ND	25.0	27.8	ug/L	111	0.32	SW846 6010B	11/29-12/06/06	JJVAM1A3
			Dilution Factor: 1						
Cadmium									
	ND	25.0	25.6	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A4
	ND	25.0	25.6	ug/L	102	0.0	SW846 6010B	11/29-12/06/06	JJVAM1A5
			Dilution Factor: 1						
Calcium									
	60000	25000	84500	ug/L	98		SW846 6010B	11/29-12/06/06	JJVAM1A6
	60000	25000	84500	ug/L	98	0.04	SW846 6010B	11/29-12/06/06	JJVAM1A7
			Dilution Factor: 1						
Chromium									
	14.5	100	116	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1A8
	14.5	100	117	ug/L	102	0.41	SW846 6010B	11/29-12/06/06	JJVAM1A9
			Dilution Factor: 1						
Cobalt									
	ND	250	249	ug/L	99		SW846 6010B	11/29-12/06/06	JJVAM1CA
	ND	250	250	ug/L	100	0.45	SW846 6010B	11/29-12/06/06	JJVAM1CC
			Dilution Factor: 1						
Copper									
	ND	125	129	ug/L	103		SW846 6010B	11/29-12/06/06	JJVAM1CD
	ND	125	130	ug/L	104	0.31	SW846 6010B	11/29-12/06/06	JJVAM1CE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K160224 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron									
	26.5	500	553	ug/L	105		SW846 6010B	11/29-12/06/06	JJVAM1CF
	26.5	500	553	ug/L	105	0.06	SW846 6010B	11/29-12/06/06	JJVAM1CG
			Dilution Factor: 1						
Magnesium									
	17600	25000	43100	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1CH
	17600	25000	43100	ug/L	102	0.09	SW846 6010B	11/29-12/06/06	JJVAM1CJ
			Dilution Factor: 1						
Manganese									
	22.0	250	276	ug/L	102		SW846 6010B	11/29-12/06/06	JJVAM1CK
	22.0	250	278	ug/L	102	0.38	SW846 6010B	11/29-12/06/06	JJVAM1CL
			Dilution Factor: 1						
Nickel									
	30.9	250	280	ug/L	100		SW846 6010B	11/29-12/06/06	JJVAM1CM
	30.9	250	281	ug/L	100	0.33	SW846 6010B	11/29-12/06/06	JJVAM1CN
			Dilution Factor: 1						
Potassium									
	8530	25000	35400	ug/L	107		SW846 6010B	11/29-12/06/06	JJVAM1CP
	8530	25000	34300	ug/L	103	3.1	SW846 6010B	11/29-12/06/06	JJVAM1CQ
			Dilution Factor: 1						
Silver									
	ND	25.0	25.2	ug/L	101		SW846 6010B	11/29-12/06/06	JJVAM1CR
	ND	25.0	25.9	ug/L	104	2.8	SW846 6010B	11/29-12/06/06	JJVAM1CT
			Dilution Factor: 1						
Sodium									
	28800	25000	54800	ug/L	104		SW846 6010B	11/29-12/06/06	JJVAM1CU
	28800	25000	54400	ug/L	102	0.77	SW846 6010B	11/29-12/06/06	JJVAM1CV
			Dilution Factor: 1						
Strontium									
	339	500	864	ug/L	105		SW846 6010B	11/29-12/06/06	JJVAM1CW
	339	500	866	ug/L	105	0.22	SW846 6010B	11/29-12/06/06	JJVAM1CX
			Dilution Factor: 1						
Vanadium									
	18.2	250	276	ug/L	103		SW846 6010B	11/29-12/06/06	JJVAM1C0
	18.2	250	277	ug/L	104	0.24	SW846 6010B	11/29-12/06/06	JJVAM1C1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: F6K160224 **Matrix.....:** WATER
Date Sampled...: 11/15/06 **Date Received..:** 11/16/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	20.6	250	263	ug/L	97		SW846 6010B	11/29-12/06/06	JJVAM1C2
	20.6	250	263	ug/L	97	0.08	SW846 6010B	11/29-12/06/06	JJVAM1C3

Dilution Factor: 1

NOTE(S):

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-24

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** AFS 04-034 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 799037321811
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2L3 (F)		W	11-14-06	1059	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2L3 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2L4		W	↓	↓	1x20-mL P	Activity Scan	None
B1L2L4		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 14 2006 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex				[illegible]			11/15/06 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-38

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** AFS 04-034 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7970373218 11
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2M3 (F)		W	11-14-06	0958	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2M4		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			1400 NOV 14 2006	FED EX			
Fed Ex				B-Q			11/15/06 1000

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-44

Page 1 of 1

Collector Floor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** AFS 04-034 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7990373218 11
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2M8 (F)		W	11-14-06	0900	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2M9		W	11-14-06	↓	1x20-mL P	Activity Scan	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Floor Hanford D. E. PARCHEN	NOV 14 2006 1400	FED EX	
Fed Ex		[signature]	11/15/06 1000

Matrix *

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

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

PNNL

SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-50

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506 41	**Ice Chest No.** AFS04-034 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7960373218 11
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2N2 (F)		W	11-14-06	1201	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2N3		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 14 2006 HCV	FEDEX			
Fed Ex				[illegible]			11/15/06 [illegible]

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-208

Page 1 of 1

Collector: Fluor Hanford ~~D. R. BREWINGTON~~ L.D. WALL 11/14/06	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I07-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 11/14/06
Project Title: ISRM-LOI, NOVEMBER 2006	HNF-1506-3	Ice Chest No.: 04-003 GRP-~~04-002~~ Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7922-4041-6016
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L348 (F)		W	11-14-06	0845	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L349		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By: L.D. WALL 11/14/06 Print; Fluor Hanford ~~D. R. BREWINGTON~~ Sign: L.D. Wall	Date/Time: NOV 14 2006 1400	Received By: Fed EX Print Sign	Date/Time
Relinquished By: Fed Ex	Date/Time	Received By: B-R	Date/Time: 11/15/06 1000
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

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

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

PNNL

SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-011-216**

Page 1 of 1

Collector Fluor Hanford L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** 04-003 Exp. 11/14/06
Project Title ISRM-LOI, NOVEMBER 2006	~~GAF~~ N-506 3	**Ice Chest No.** ~~CRP-06-007~~ **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922-4041-6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L354 (F)		W	11-14-06	1224	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L354 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L355		W	↓	↓	1x20-mL P	Activity Scan	None
B1L355		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall	NOV 14 2006 1400	Fed Ex		
Fed Ex			B-D-P		11/15/06 1000

Matrix *

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

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

PNNL

SL 649

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-011-100**

Page 1 of 1

Collector L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** 04-003
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506 3	**Ice Chest No.** BPP-~~06-002~~ **Temp.** LW, 11/14/06
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922-4041-6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2V3 (F)		W	11-14-06	1134	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2V3 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2V4		W	↓	↓	1x20-mL P	Activity Scan	None
B1L2V4		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall		NOV 14 2006 1400	Fed Ex			
Fed Ex				B-A			11/15/06 1000

Matrix *

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

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

PNNL SC 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-16

Page 1 of 1

Collector Fluor Hanford L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** 04-003
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506 3	**Ice Chest No.** ~~ORP-06-002~~ **Temp.** LW, 11/14/06
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922-4041-6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2K7 (F)		W	11-14-06	1022	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
~~B1L2K7 (F)~~		~~W~~			~~1x500-mL G/P~~	~~6010_METALS_ICP: List-3 (18)~~	HNO3 to pH <2
B1L2K8		W	11-14-06	1022	1x20-mL P	Activity Scan 11-4-06 DF	None
~~B1L2K8~~		~~W~~			~~1x500-mL P~~	~~300.0_ANIONS_IC: List-1 (5)~~	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL		L. D. Wall	NOV 14 2006 1400	Fed EX			
Relinquished By: Fed Ex			Date/Time	Received By: B. [illegible]			11/15/06 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

45

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-142

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506-2	**Ice Chest No.** GRP-041-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922-4041-6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L300 (F)		W	11-14-6	1108	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L300 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L301		W	↓	↓	1x20-mL P	Activity Scan	None
B1L301		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		1430 NOV 14 2006	Fed Ex			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex				B—A			11/15/06 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL

SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-92

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Collector Fluor Hanford J. G. HOGAN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506-2	**Ice Chest No.** GRP-04-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4041 6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2T7 (F)		W	11-14-06	0946	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2T7 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2T8		W	↓	↓	1x20-mL P	Activity Scan	None
B1L2T8		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford J. G. HOGAN			NOV 14 2006 1430	FedEx			
Relinquished By: FedEx			Date/Time	Received By			Date/Time 11/15/06 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL

SC 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-011-202**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOL NOVEMBER 2006	HNF-N 506.2	**Ice Chest No.** GRP 04-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4041 6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L344 (F)		W	11/14/06	0820	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L345		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			NOV 14 2006 1430	FedEx			
Fed Ex				8-Q			11/15/06 1000

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-134

Page 1 of 1

Collector Fluor Hanford J. G. HOGAN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI, NOVEMBER 2006	11NF-N-506-2	**Ice Chest No.** GRP-04-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4041 6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2Y4 (F)		W	11.14.06	0902	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2Y4 (F)		W	↓	↓	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2Y5		W	↓	↓	1x20-mL P	Activity Scan	None
B1L2Y5		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford J. G. HOGAN		NOV 14 2006	1450	FedEx			
Relinquished By			Date/Time	Received By			Date/Time
FedEx				[illegible]			11/15/06 1000
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL

SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-011-60

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI, NOVEMBER 2006	HNF-N-506-2	**Ice Chest No.** GRP-04-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4041 6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

POSSIBLE SAMPLE HAZARDS/REMARKS

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

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

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2N8 (F)		W	11/14/06	1154	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2N8 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2N9		W			1x20-mL P	Activity Scan	None
B1L2N9		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			NOV 14 2006 1430	Fed Ex			NOV 14 2006
Fed Ex				B-[illegible]			11/15/06 1000

Matrix *

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

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

PNNL

SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-011-61**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title ISRM-LOI NOVEMBER 2006	HNFN-5062 2	**Ice Chest No.** 6122-04-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4041 6010
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L2P4 (F)		W	11/14/06	1154	1x500-mL G/P	6020_METALS_ICPMS: Arsenic (1)	HNO3 to pH <2
B1L2P4 (F)		W			1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L2P5		W			1x20-mL P	Activity Scan	None
B1L2P5		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			1430 NOV 14 2006	FedEx			NOV 14 2006
Fed Ex				B. Air			11/15/06 1000

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-208**

Page 1 of 1

Collector: Fluor Hanford L. D. WALL	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: W07-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, NOVEMBER 2006	HNF-N-506 3	Ice Chest No.: GRP-03-013 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7922 4126 7549
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L701 (F)		W	11-15-06	1238	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L702		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L702		W			1x20-mL P	Activity Scan	None
B1L702		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L702		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall		NOV 15 2006 1400	FedEX			
Relinquished By			Date/Time	Received By			Date/Time 11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-201**

Collector Fluor Hanford L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-504 3	**Ice Chest No.** GRP-03-013 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L709 (F)		W	11-15-06	1150	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L710		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L710		W			1x20-mL P	Activity Scan	None
B1L710		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L710		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Fluor Hanford L. D. WALL / L. D. Wall	1400 NOV 15 2006	FedEX	
Relinquished By	Date/Time	Received By	Date/Time
Jeffrey		B. [illegible]	11/16/06 0915
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-200

Page 1 of 1

Collector: Fluor Hanford L. D. WALL	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: W07-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, NOVEMBER 2006	HNF-N-506 3	Ice Chest No.: GRP-03-013 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7922 4126 7541
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L705 (F)		W	11-15-06	1150	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L706		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L706		W			1x20-mL P	Activity Scan	None
B1L706		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L706		W	↓	↓	1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L.D. Wall		1400 NOV 15 2006	FedEX			
Relinquished By			Date/Time	Received By			Date/Time
				8-[illegible]			11/14/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-158

Page 1 of 1

Collector: Fluor Hanford L. D. WALL	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: W07-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: RCRA, NOVEMBER 2006	HNF-N-506 3	Ice Chest No.: GRP-03 013 Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 7922 4126 7549
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6T0 (F)		W	11-15-06	1055	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6T1		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6T1		W			1x20-mL P	Activity Scan	None
B1L6T1		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6T1		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall		1400 NOV 15 2006	FedEx			
Relinquished By: fedex			Date/Time	Received By: B. D. P			Date/Time: 11/16/06 0905
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-164**

Page 1 of 1

Collector L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506-3	**Ice Chest No.** ORP-03-03 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6R6 (F)		W	11-15-06	1018	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6R7		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6R7		W			1x20-mL P	Activity Scan	None
B1L6R7		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6R7		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall	NOV 15 2006 1400	FedEx		
Relinquished By		Date/Time	Received By		Date/Time
fedex			B-N		11/16/06 0915
Relinquished By		Date/Time	Received By		Date/Time
Relinquished By		Date/Time	Received By		Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-178

Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. W07-011	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title RCRA, NOVEMBER 2006	HNF-N-506 1	Ice Chest No. GRR03-003 Temp.
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 792241267549
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L722 (F)		W	11-15-06	1234	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L723		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L723		W			1x20-mL P	Activity Scan	None
B1L723		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L723		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN		RF Carrigan	1400 NOV 15 2006	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
Leeley				B. [illegible]			11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL S 16449

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-170**

Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 1	**Ice Chest No.** IERP 03-013 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6R1 (F)		W	11-15-06	1116	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6R2		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6R2		W			1x20-mL P	Activity Scan	None
B1L6R2		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6R2		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD R.F. CARRIGAN	R.F. Carrigan		1400 NOV 15 2006	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
							11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL

SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-262**

Page 1 of 1

Collector	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506-2	**Ice Chest No.** GRP-03-013 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

11/15/06

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L738 (F)		W	11/15/06	1243	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L739		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L739		W			1x20-mL P	Activity Scan	None
B1L739		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L739		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			NOV 15 2006 1430	FedEx			NOV 15 2006
Relinquished By			Date/Time	Received By			Date/Time
			11-16-06 0915				11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL049

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-214

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506-2	**Ice Chest No.** GRP-03-013 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6Y6 (F)		W	11-15-06	1110	1x50-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6Y7		W	↓	↓	1x50-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6Y7		W			1x20-mL P	Activity Scan	None
B1L6Y7		W			1x100-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6Y7		W			1x50-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			NOV 15 2006 1430	FedEx			
Relinquished By			Date/Time	Received By			Date/Time
FedEx				B-D-P			11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-144**

Page 1 of 1

Collector ~~Fluor Hanford~~ D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	4NFN-506 4	**Ice Chest No.** GRP03.013 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7922 4126 7549
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6T8 (F)		W	11-15-06	1200	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6T9		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6T9		W			1x20-mL P	Activity Scan	None
B1L6T9		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6T9		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

11-15-06

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~Fluor Hanford~~ D. E. PARCHEN			1400 NOV 15 2006	Fed Ex			
Relinquished By			Date/Time	Received By			Date/Time 11/16/06 0915
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-120**

Page 1 of 1

Collector ~~Fluor Hanford~~ D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** GRP 06-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7915 8410 6001
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6W2 (F)		W	11-13-06	1227	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6W3		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6W3		W			1x20-mL P	Activity Scan	None
B1L6W3		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6W3		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~Fluor Hanford~~ D. E. PARCHEN			NOV 13 2006 1400	FED EX			
Fed Ex			11.14.06 0900				

Relinquished By	Date/Time	Received By	Date/Time
		Gil Clarke	11.14.06 0900

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-80**

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** GRP 06-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7915841060 01
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L762 (F)		W	11-13-06	1021	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L763		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L763		W			1x20-mL P	Activity Scan	None
B1L763		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 13 2006	FED EX			
Relinquished By: Fed Ex		11.14.06	Date/Time 0900	Received By: Jill Clarke		11.14.06	Date/Time 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-88**

Page 1 of 1

Collector ~~Fluor Hanford~~ D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF - N - 506 <1	**Ice Chest No.** GRP 06-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 79158410 6001
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6P1 (F)		W	11-13-06	1137	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6P2		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6P2		W			1x20-mL P	Activity Scan	None
B1L6P2		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C
B1L6P2		W			1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 13 2006 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
FedEx			11-14-06 0900	Gil Clark			11-14-06 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-72

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** GRP-06-003 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 791584106001
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L777 (F)		W	11-13-06	0911	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L778		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L778		W			1x20-mL P	Activity Scan	None
B1L778		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 13 2006 1400	FED EX			
Relinquished By: FedEx			11.14.06 0900	Received By		Gil Clarke	11.14.06 0900
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-33

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. W07-011	Sampling Origin Hanford Site	Purchase Order/Charge Code SAWS 119
Project Title RCRA, NOVEMBER 2006	LNF-N-506 3	Ice Chest No. ~~CRP-05-013~~ Temp. 11-10-06
Shipped To (Lab) Severn Trent St. Louis	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No. 799358882071
Protocol RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6N6 (F)		W	11-10-06	0730	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6N7		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6N7		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			1400 NOV 10 2006	FedEX			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex				[illegible]			11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-32

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** SALVS 119 11-10-06
Project Title RCRA, NOVEMBER 2006	HOVF-N-506 3	**Ice Chest No.** ~~SRV-03-013~~ **Temp.** 1C
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995358 2071
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6N2 (F)		W	11-10-06	0830	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6N3		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6N3		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford			1400 NOV 10 2006	FedEx			
Relinquished By R. T. SICKLE			Date/Time	Received By			Date/Time
Fed Ex							11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-40

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code** SWS 119
Project Title RCRA, NOVEMBER 2006	HNF-N-576	**Ice Chest No.** ~~GRP 03-013~~ **Temp.** 11-10-06
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995358 8207 4
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L791 (F)		W	11-10-06	1001	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L792		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L792		W			1x20-mL P	Activity Scan	None
B1L792		W	✓	✓	1x250-mL G/P	9012_CYANIDE: Cyanide (1)	NaOH to pH >= 12 Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			1400 11-10-06	Fed Ex			
Fed Ex							11/11/06 0745

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-64

Page 1 of 1

Collector: Fluor Hanford R. T. SICKLE	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: W07-011	Sampling Origin: Hanford Site	Purchase Order/Charge Code: SAWS119
Project Title: RCRA, NOVEMBER 2006	HNF-N-506 3	Ice Chest No.: ~~GRP-03-013~~ NV Temp.
Shipped To (Lab): Severn Trent St. Louis	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.: 799535882071
Protocol: RCRA	Priority: 45 Days	Offsite Property No.

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L782 (F)		W	11-10-06	1150	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L783		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L783		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			1400 NOV 10 2006	FedEx			
Fed Ex				S. R.			11/11/06 0745

Matrix *

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

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

PNNL SL 649

Fluor Hanford

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W07-011-65**

Page 1 of 1

Collector R. T. SICKLE	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-576 3	**Ice Chest No.** ~~GRP-03-013~~ 5HWS 119 **Temp.** 1.4 11-10-06
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995358820-71
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L786 (F)		W	11-10-06	1150	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L787		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L787		W	↓	↓	1x20-mL P	Activity Scan	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			NOV 10 2006 1400	FedEx			
Fed Ex							11/11/06 0745

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-494

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** SAWS-119 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995 35882071
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L687 (F)		W	11-10-06	1125	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L688		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L688		W			1x20-mL P	Activity Scan	None
B1L688		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 10 2006 1400	FEDEX			
Relinquished By: Fed Ex			Date/Time	Received By			Date/Time: 11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-500

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** SAWS-119 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995 3588 2071
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L691 (F)		W	11-10-06	1250	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L692		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L692		W			1x20-mL P	Activity Scan	None
B1L692		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 10 2006 1400	FED EX			
Relinquished By: Fed Ex			Date/Time	Received By: B-A			11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-506

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** Saws 119 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995 3588 2071
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L695 (F)		W	11-10-06	0842	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L696		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L696		W			1x20-mL P	Activity Scan	None
B1L696		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 10 2006 1400	FED EX			
Relinquished By			Date/Time	Received By			Date/Time
Fed Ex				B-Q			11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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

PNNL SL 649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-507

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 4	**Ice Chest No.** SAWS 119 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995 3588 2071
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L699 (F)		W	11-10-06	0842	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6B0		W			1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6B0		W			1x20-mL P	Activity Scan	None
B1L6B0		W			1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 10 2006 1400	FED Ex			
Fed Ex							11/11/06 0745

Matrix *

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

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

PNNL SL649

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W07-011-512

Page 1 of 1

Collector Fluor Hanford D. E. PARCHEN	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. W07-011	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title RCRA, NOVEMBER 2006	HNF-N-506 41	**Ice Chest No.** SAWS 119 **Temp.**
Shipped To (Lab) Severn Trent St. Louis	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.** 7995358820 71
Protocol RCRA	**Priority:** 45 Days	**Offsite Property No.**

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

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

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1L6B2 (F)		W	11-10-06	0753	1x500-mL G/P	6010_METALS_ICP: List-3 (18)	HNO3 to pH <2
B1L6B3		W	↓	↓	1x500-mL P	300.0_ANIONS_IC: List-1 (5)	Cool 4C
B1L6B3		W	↓	↓	1x20-mL P	Activity Scan	None
B1L6B3		W	↓	↓	1x500-mL G/P	310.1_ALKALINITY: Alkalinity (1)	Cool 4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. E. PARCHEN			NOV 10 2006 1400	FED EX			
Relinquished By: Fed Ex			Date/Time	Received By: B-D-P			Date/Time: 11/11/06 0745
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

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

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