

MAY 6, 2014

WSCF Laboratory

PO Box 650 S3-30
Richland, WA 99352



May 6, 2014

Scot Fitzgerald
CH2M-HILL PRC
PO Box 1600
Richland, WA 99352

Dear Scot Fitzgerald,

FINAL RESULT FOR SAMPLE DELIVERY GROUP WSCF140723

Reference: (1) SOW, Mod 2, #36587, Release 3
(2) MSC-SD-CD-QAPP-017, current version, Waste Sampling & Characterization Facility Quality Assurance Program Plan

This letter contains the following information for sample delivery group WSCF140723

- * Cover Sheet (Attachment 1)
- * Narrative (Attachment 2)
- * Analytical Results (Attachment 3)
- * Sample Receipt Information (Attachment 4)

Very truly yours,

A handwritten signature in black ink, appearing to read "Joseph Hale", is positioned above the typed name.

Electronically signed by Joseph Hale

For Lab Manager, Dan T. Smith

WSCF Analytical Lab

(509) 373-4804

Attachments 4

CC: w/Attachments

File/LB

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF Number Cross Reference

Group # WSCF140723

Data Deliverable Date 04/14/14

SAF #	Sample ID	Sample #	Matrix	Sampled	Received
W14-001	B2V2Y7	140723001	WATER	01/24/14	01/24/14

ATTACHMENT 2

NARRATIVE

Consisting of 5 pages
Including cover page

Introduction RDR R8183

Sample B2V2Y7 (140201004) was selected for reanalysis at the WSCF Laboratory from 140417WSCF-R8183. The sample was analyzed for the analytes indicated on the attached copy of the RDR form in accordance with the *Statement of Work (SOW), Master Contract 39818, Revision 3, "Laboratory Analytical Services to CHPRC Soil and Groundwater Remediation Project."*

The narrative (Attachment 2) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A Data Summary Report (Attachment 3) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information as applicable. Copies of the RDR and sample receipt documentation are included as Attachment 4.

It should be noted that the attached chain of custody was not stamped "ICED" by the WSCF Laboratory Sample Custodian during sample receiving. However, based on procedure LO-090-403 form "NOTICE OF IMPROPER SAMPLE SUBMITTAL" was not submitted and was not stamped "NOT ICED". No anomaly was noted during sample receipt.

The following generic data qualifiers (i.e., B, C, D, J and U) may be applicable to this report, as appropriate.

- **B** – Sample results with a concentration greater than the MDL but less than the PQL are B flagged (applies to inorganic and wet chemical analyses), as appropriate.
- **C** – Analyte was detected in the blank and was evaluated. Affected sample results in the batch were C flagged (applies to inorganic and wet chemical analyses).
- **D** – Sample results are D flagged if dilution(s) were required, as appropriate.
- **J** – Sample results with a concentration greater than the MDL but less than the PQL are J flagged (applies to organic analyses), as appropriate.
- **B (organic analyses)** – Analyte was detected in the blank and was evaluated. Affected sample results in the batch were B flagged.
- **U** – Analyzed for but not detected above limiting criteria. Relative Percent Difference (RPD) values associated with an analyte qualified with a "U" are not applicable.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report* for a complete listing of approved analytical methods.

Inorganic Comments

ICP-AES Metals – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. Analytical Note(s):

- Different results possibly due to autosampler malfunction.
- Calcium – Exceeded spiking levels by a factor of 4. Spike recoveries and associated RPDs are not valid.
- All other applicable QC controls are within the established limits.

We certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the Analytical Laboratory Manager (or designee) and the Client Services representative as verified by electronic signatures shown on the WSCF ANALYTICAL RESULTS REPORT.

Narrative

Attachment 2
Narrative
 WSCF140723

RECHECK, RECOUNT, OR REANALYSIS ORDER

04/17/2014

Order Number: 140417W SCF-R8183

Waste Sampling & Characterization
 600 AREA Hanford, MSIN S3-28
 Richland, WA 99352

Sample Delivery Group:WSCF140201

Sample(s):

Method Name:6010_METALS_ICP

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
140201004	4/17/2014 3:26:29 PM	Calcium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Chromium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Magnesium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Potassium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Sodium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			

Sample Delivery Group:WSCF140243

Sample(s):

Method Name:6010_METALS_ICP

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
140243009	4/17/2014 3:26:29 PM	Barium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Calcium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Iron	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Magnesium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Potassium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			

Deliver Report Results to:CHPRC

P.O. Box 1600
 Richland, WA 99352
 C/O Mr.Scot Fitzgerald

Attachment 2
Narrative
WSCF140723

RECHECK, RECOUNT, OR REANALYSIS ORDER

04/17/2014

140243009	4/17/2014 3:26:29 PM	Sodium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Vanadium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			

Deliver Report Results to:CHPRC
P.O. Box 1600
Richland, WA 99352
C/O Mr.Scot Fitzgerald

ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 10 pages
Including cover page

WSCF ANALYTICAL RESULTS REPORT

For

CH2M Hill Plateau Remediation

PO Box 1600
Richland, WA 99352

Attention: Scot Fitzgerald

Contract # MOA-FH-CHPRC-2008
Group # WSCF140723
Report Date May 6, 2014

Analytical: Electronically signed by Joseph Hale

Client Services: Electronically signed by Bruce Buchanan

Solid samples results that have a 'Percent Solid' test are reported on a "dry weight basis", except results of TCLP, Percent Solid, and Total Activity. If no 'Percent Solid' test is reported then the results are reported on an "as received" basis.

This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7005. Information designation of this report is the responsibility of the customer.

Batch QC List

Attention Scot Fitzgerald
Department Inorganic

Group # WSCF140723

QC Batch	Analytical Batch	S#	Type	Sample #	Client Sample#	Original	Test
232163	232784	5	BLANK	109326	BLANK		ICP-6010 - All possible metals
232163	232784	7	LCS	109328	LCS		ICP-6010 - All possible metals
232163	232784	8	SAMPLE	140723001	B2V2Y7		ICP-6010 - All possible metals
232163	232784	9	MS	109329	B2V2Y7(140723001MS)	140723001	ICP-6010 - All possible metals
232163	232784	10	MSD	109330	B2V2Y7(140723001MSD)	140723001	ICP-6010 - All possible metals

Method Reference

Attention Scot Fitzgerald
Department Inorganic

Group # WSCF140723

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory, industry methods or HEIS methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

Method Reference	Regulatory/Industry Method	WSCF Procedure	Method Name
LA-505-411	EPA SW-846	6010C	Inductively Coupled Plasma-Atomic Emission Spectrometry
	HEIS	6010_METALS_ICP	Inductively Coupled Plasma-Atomic Emission Spectrometry

Note: A complete list of WSCF analytical procedures and reference regulatory or industry methods is available online at <http://www7.rl.gov/rapidweb/AS-DOL/index.cfm>

WSCF Analytical Results Report

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140723

Sample # 140723001
 SAF# W14-001
 Sample ID B2V2Y7

Matrix WATER
 Sampled 01/24/14
 Received 01/24/14

Test Performed	CAS #	Method	RQ	Result	TP Err	Units	DF	MDL	PQL	Analyzed
ICPAES Prep (W)										05/05/14
ICP-6010 - All possible metals										
Iron	7439-89-6	LA-505-411		87.4		ug/L	1	40	50	05/05/14
Magnesium	7439-95-4	LA-505-411		35800		ug/L	1	60	750	05/05/14
Manganese	7439-96-5	LA-505-411	U	<4.0		ug/L	1	4.0	5.0	05/05/14
Nickel	7440-02-0	LA-505-411	B	12.5		ug/L	1	10	40	05/05/14
Potassium	7440-09-7	LA-505-411		10700		ug/L	1	250	4000	05/05/14
Silver	7440-22-4	LA-505-411	B	5.15		ug/L	1	5.0	10	05/05/14
Sodium	7440-23-5	LA-505-411		31400		ug/L	1	100	500	05/05/14
Antimony	7440-36-0	LA-505-411	U	<20		ug/L	1	20	60	05/05/14
Barium	7440-39-3	LA-505-411		67.7		ug/L	1	4.0	20	05/05/14
Cadmium	7440-43-9	LA-505-411	U	<4.0		ug/L	1	4.0	5.0	05/05/14
Chromium	7440-47-3	LA-505-411		14.9		ug/L	1	5.0	10	05/05/14
Cobalt	7440-48-4	LA-505-411	U	<4.0		ug/L	1	4.0	20	05/05/14
Copper	7440-50-8	LA-505-411	U	<4.0		ug/L	1	4.0	8.0	05/05/14
Vanadium	7440-62-2	LA-505-411	B	11.7		ug/L	1	5.0	25	05/05/14
Zinc	7440-66-6	LA-505-411	U	<5.0		ug/L	1	5.0	10	05/05/14
Calcium	7440-70-2	LA-505-411		1.23E5		ug/L	1	50	1000	05/05/14
Arsenic	7440-38-2	LA-505-411	U	<25		ug/L	1	25	30	05/05/14

MDL = Minimum Detection Limit
 RQ = Result Qualifier
 TP Err = Total Propagated Error
 DF = Dilution Factor
 + - Indicates more than nine qualifier

B - Analyte < the PQL(or EQL)but >= the IDL/MDL(Inorganic)
 C - Analyte was found in the Associated Blank. (Inorganic)
 D - Analyte was reported at a secondary dilution factor.
 E - Analyte is an estimate, see comment section.
 N - MS and/or MSD recovery outside control limits.

U - Analyzed for but not detected above limiting criteria.
 X,Y or Z - See comment detail and/or narrative.
 PQL is equivalent to Estimated Quantitation Limit (EQL)
 o - LCS recovery outside established laboratory acceptance limits.

Quality Control Report

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140723

Analytical Batch 232784 (QC Batch: 232163) Test ICP-6010 - All possible metals
 Associated Samples 140723001

Analyte	CAS #	Original Found	QC Found	Units	% Recov Limits	RPD	RPD Limit	RQ	Analyzed
BLANK		QC Sample #109326							
Iron	7439-89-6	<40		ug/L				U	05/05/14
Magnesium	7439-95-4	<60		ug/L				U	05/05/14
Manganese	7439-96-5	<4.0		ug/L				U	05/05/14
Nickel	7440-02-0	<10		ug/L				U	05/05/14
Potassium	7440-09-7	<250		ug/L				U	05/05/14
Silver	7440-22-4	<5.0		ug/L				U	05/05/14
Sodium	7440-23-5	<100		ug/L				U	05/05/14
Antimony	7440-36-0	<20		ug/L				U	05/05/14
Barium	7440-39-3	<4.0		ug/L				U	05/05/14
Cadmium	7440-43-9	<4.0		ug/L				U	05/05/14
Chromium	7440-47-3	<5.0		ug/L				U	05/05/14
Cobalt	7440-48-4	<4.0		ug/L				U	05/05/14
Copper	7440-50-8	<4.0		ug/L				U	05/05/14
Vanadium	7440-62-2	<5.0		ug/L				U	05/05/14
Zinc	7440-66-6	<5.0		ug/L				U	05/05/14
Calcium	7440-70-2	<50		ug/L				U	05/05/14
Arsenic	7440-38-2	<25		ug/L				U	05/05/14

* - QC result out of range

n/a - Not Applicable

Quality Control Report

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140723

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
LCS		QC Sample #109328								
Iron	7439-89-6		1100	ug/L	110.5	80 - 120				05/05/14
Magnesium	7439-95-4		9830	ug/L	98.3	80 - 120				05/05/14
Manganese	7439-96-5		1000	ug/L	100.4	80 - 120				05/05/14
Nickel	7440-02-0		1000	ug/L	100.2	80 - 120				05/05/14
Potassium	7440-09-7		10100	ug/L	100.6	80 - 120				05/05/14
Silver	7440-22-4		999	ug/L	99.9	80 - 120				05/05/14
Sodium	7440-23-5		9760	ug/L	97.6	80 - 120				05/05/14
Antimony	7440-36-0		1000	ug/L	100.1	80 - 120				05/05/14
Barium	7440-39-3		993	ug/L	99.3	80 - 120				05/05/14
Cadmium	7440-43-9		994	ug/L	99.4	80 - 120				05/05/14
Chromium	7440-47-3		1000	ug/L	100.3	80 - 120				05/05/14
Cobalt	7440-48-4		1010	ug/L	101.2	80 - 120				05/05/14
Copper	7440-50-8		1000	ug/L	100.4	80 - 120				05/05/14
Vanadium	7440-62-2		998	ug/L	99.8	80 - 120				05/05/14
Zinc	7440-66-6		986	ug/L	98.6	80 - 120				05/05/14
Calcium	7440-70-2		19700	ug/L	98.7	80 - 120				05/05/14
Arsenic	7440-38-2		1000	ug/L	100.3	80 - 120				05/05/14
MS		QC Sample #109329								
		Original 140723001								
Iron	7439-89-6	87.4	997	ug/L	99.7	75 - 125				05/05/14
Magnesium	7439-95-4	35800	9850	ug/L	98.5	75 - 125				05/05/14
Manganese	7439-96-5	<4.0	999	ug/L	99.9	75 - 125				05/05/14

* - QC result out of range

n/a - Not Applicable

Quality Control Report

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140723

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
Nickel	7440-02-0	12.5	976	ug/L	97.6	75 - 125				05/05/14
Potassium	7440-09-7	10700	8770	ug/L	87.7	75 - 125				05/05/14
Silver	7440-22-4	5.15	1040	ug/L	103.9	75 - 125				05/05/14
Sodium	7440-23-5	31400	9410	ug/L	94.1	75 - 125				05/05/14
Antimony	7440-36-0	<20	1030	ug/L	102.9	75 - 125				05/05/14
Barium	7440-39-3	67.7	981	ug/L	98.1	75 - 125				05/05/14
Cadmium	7440-43-9	<4.0	1010	ug/L	101	75 - 125				05/05/14
Chromium	7440-47-3	14.9	1000	ug/L	100.4	75 - 125				05/05/14
Cobalt	7440-48-4	<4.0	1000	ug/L	100	75 - 125				05/05/14
Copper	7440-50-8	<4.0	1030	ug/L	103.4	75 - 125				05/05/14
Vanadium	7440-62-2	11.7	1010	ug/L	101.5	75 - 125				05/05/14
Zinc	7440-66-6	<5.0	969	ug/L	96.9	75 - 125				05/05/14
Calcium	7440-70-2	1.23E5	17300	ug/L	86.3	75 - 125			X	05/05/14
Arsenic	7440-38-2	<25	1040	ug/L	103.9	75 - 125				05/05/14
MSD			QC Sample #109330							
			Original 140723001						Paired 109329	
Iron	7439-89-6	87.4	992	ug/L	99.2	75 - 125	0.50	20		05/05/14
Magnesium	7439-95-4	35800	8560	ug/L	85.6	75 - 125	2.90	20		05/05/14
Manganese	7439-96-5	<4.0	996	ug/L	99.6	75 - 125	0.20	20		05/05/14
Nickel	7440-02-0	12.5	955	ug/L	95.5	75 - 125	2.10	20		05/05/14
Potassium	7440-09-7	10700	8420	ug/L	84.2	75 - 125	1.80	20		05/05/14
Silver	7440-22-4	5.15	1010	ug/L	101.2	75 - 125	2.70	20		05/05/14
Sodium	7440-23-5	31400	8520	ug/L	85.2	75 - 125	2.20	20		05/05/14

* - QC result out of range

n/a - Not Applicable

Quality Control Report

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140723

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
Antimony	7440-36-0	<20	1010	ug/L	100.8	75 - 125	2.10	20		05/05/14
Barium	7440-39-3	67.7	981	ug/L	98.1	75 - 125	0.00	20		05/05/14
Cadmium	7440-43-9	<4.0	993	ug/L	99.3	75 - 125	1.70	20		05/05/14
Chromium	7440-47-3	14.9	983	ug/L	98.3	75 - 125	2.10	20		05/05/14
Cobalt	7440-48-4	<4.0	958	ug/L	95.8	75 - 125	4.30	20		05/05/14
Copper	7440-50-8	<4.0	1010	ug/L	100.9	75 - 125	2.40	20		05/05/14
Vanadium	7440-62-2	11.7	999	ug/L	99.9	75 - 125	1.50	20		05/05/14
Zinc	7440-66-6	<5.0	947	ug/L	94.7	75 - 125	2.30	20		05/05/14
Calcium	7440-70-2	1.23E5	14700	ug/L	73.6	75 - 125	1.80	20	X	05/05/14
Arsenic	7440-38-2	<25	1020	ug/L	102.1	75 - 125	1.80	20		05/05/14

* - QC result out of range

n/a - Not Applicable

Analytical Comment Report

Attention: Scot Fitzgerald

Group #

WSCF140723

Quality Control CommentsDepartment Inorganic

109329

B2V2Y7(140723001MS)

Analyte

Calcium - ICP-6010 - All possible metals

[1] X5: Sample concentration exceed spiking level by a factor of 4. Spike recoveries are not valid.

109330

B2V2Y7(140723001MSD)

Analyte

Calcium - ICP-6010 - All possible metals

[1] X5: Sample concentration exceed spiking level by a factor of 4. Spike recoveries are not valid.

ATTACHMENT4

SAMPLE RECEIPT

Consisting of 4 pages
Including cover page

Sample Receipt

Waste Sampling and Characterization Facility
P.O. Box 650 S3-30, Richland WA 99352
Phone: (509) 373-7005/FAX: (509) 372-0456

ACKNOWLEDGEMENT OF SAMPLES RECEIVED

WSCF Laboratory

PO Box 650 S3-30
 Richland, WA 99352

ATTN: Scot Fitzgerald

Customer Code: CHPRC
CA CN: 401647
Work Order #: 140723
Customer Work ID: W14-001-123 RDR-8183
Due Date: 04/14/2014 **(L15)**

The following samples were received from you on 1/24/2014 11:35:00 AM. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact WSCF Client Services. Thank you for using Waste Sampling and Characterization Facility.

Sample #	Sample ID	Matrix	Collected	Received
140723001	B2V2Y7	WATER	1/24/2014 11:04	1/24/2014 11:35
Procedure		Compound List		
ICP-6010 - All possible metals		6010 ICP Common		

Sample Receipt

Chain of Custody

Rerun

RECHECK, RECOUNT, OR REANALYSIS ORDER

SDG # 140723

04/17/2014

Order Number: 140417WSCF-R8183

Waste Sampling & Characterization

600 AREA Hanford, MSIN S3-28

Richland, WA 99352

Sample Delivery Group:WSCF140201

Sample(s)

Method Name:6010_METALS_ICP

140723

Sample#: B2V2Y7

Sample Date: 1/24/2014 11:04:00 AM

SAF #W14-001

*W14-001-123
archive*

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
140201004	4/17/2014 3:26:29 PM	Calcium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Chromium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Magresium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Pctassium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140201004	4/17/2014 3:26:29 PM	Sodium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			

Sample Delivery Group:WSCF140243

Sample(s):

Method Name:6010_METALS_ICP

Sample#: B2V2V7

Sample Date: 1/30/2014 11:43:00 AM

SAF #W14-001

*W14-001-104
archive*

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
140243009	4/17/2014 3:26:29 PM	Barum	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Barum	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Iron	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Magnesium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			
140243009	4/17/2014 3:26:29 PM	Potassium	REANALYZE	15 Days / 15 Days
Special Instructions:	Data out of trend (both samples appear to be blank runs). SLF 04/17/2014			

Deliver Report Results to:CHPRC

P.O. Box 1600
Richland, WA 99352
C/O Mr.Sco: Fitzgerald

Sample Receipt

Chain of Custody

RECHECK, RECOUNT, OR REANALYSIS ORDER

04/17/2014

~~140243009 4/17/2014 3:26:29 PM Sodium REANALYZE 15 Days / 15 Days
Special Instructions: Data out of trend (both samples appear to be blank runs). SLF 04/17/2014
140243009 4/17/2014 3:26:29 PM Vanadium REANALYZE 15 Days / 15 Days
Special Instructions: Data out of trend (both samples appear to be blank runs). SLF 04/17/2014~~

Deliver Report Results to:CHPRC

F.O. Box 1600
Richland, WA 99352
C/O Mr.Scot Fitzgerald