WSCF Laboratory

PO Box 650 S3-30 Richland, WA 99352



January 14, 2014

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

Dear Scot Fitzgerald,

FINAL RESULT FOR SAMPLE DELIVERY GROUP WSCF131598

- 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 WSCF131598
 - * Cover Sheet (Attachment 1)
 - * Narrative (Attachment 2)
 - * Analytical Results (Attachment 3)
 - * Sample Receipt Information (Attachment 4)

Very truly yours,

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 # WSCF131598 Data Deliverable Date 01/14/14

SAF #	Sample ID	Sample #	Matrix	Sampled	Received
F13-051	B2RYN9	131598001	WATER	12/30/13	12/30/13
F13-051	B2RYP0	131598002	WATER	12/30/13	12/30/13

ATTACHMENT 2

NARRATIVE

Consisting of 3 pages Including cover page

Attachment 2 Narrative WSCF131598

Introduction

Samples were received at the WSCF laboratory as referenced on the WSCF SAF Number Cross Reference table included in the final report. The samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Statement of Work (SOW), to Contract 39818, Revision 4, "WSCF ANALYTICAL SERVICES FOR GROUNDWATER."*

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 chain of custody 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.
- o-LCS recovery outside established laboratory acceptance limits.

Analytical Methodology for Requested Analyses

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

Attachment 2 Narrative WSCF131598

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):

- · Potassium and Sodium were detected in the Blank and evaluated.
- All other applicable QC controls are within the established limits.

Radiochemistry Comments

Rad Chem – The hold time requirement for this analysis was met. A Duplicate, Matrix Spike (Matrix Spikes apply only to Tritium), Blank and Laboratory Control Sample were analyzed with this delivery group. Analytical Note(s):

Tracers are used to determine chemical yield. RPD is monitored in sample duplicate and is not required for tracer recovery per SOW.

Strontium-89/90:

• All applicable QC controls are within the established limits.

Tritium:

• All 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.

ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 13 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-2008Group #WSCF131598Report DateJanuary 14, 2014

Analytical: Electronically signed by Joseph Hale

Client Services: Electronically signed by Heather Medley

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 -

JANUARY 14, 2014

AttentionScot FitzgeraldDepartmentInorganic

Group #

WSCF131598

QC Batch	Analytical Batch	S#	Туре	Sample #	Client Sample#	Original	Test
225811	226131	5	BLANK	103357	BLANK		ICP-6010 - All possible metals
225811	226131	7	LCS	103359	LCS		ICP-6010 - All possible metals
225811	226131	9	MS	103360	B2TLL6(131526007MS	6) 131526007	ICP-6010 - All possible metals
225811	226131	10	MSD	103361	B2TLL6(131526007MS	D) 131526007	ICP-6010 - All possible metals
225811	226131	16	SAMPLE	131598001	B2RYN9		ICP-6010 - All possible metals

Batch QC List -

JANUARY 14, 2014

AttentionScot FitzgeraldDepartmentRadiochemistry

Group #

WSCF131598

QC Batch	Analytical Batch	S#	Туре	Sample #	Client Sample# Ori	iginal	Test
225435	225600	1	BLANK	103109	BLANK		Tritium by LSC
225435	225600	2	LCS	103110	LCS		Tritium by LSC
225435	225600	4	DUP	103111	B2TFW6(131578009DUP 13	1578009	Tritium by LSC
225435	225600	5	MSPK	103112	B2TFW6(131578009MSP		Tritium by LSC
225435	225600	17	SAMPLE	131598002	B2RYP0		Tritium by LSC
225500	225810	1	BLANK	103206	BLANK		Strontium 89/90 (GPC/GEA)
225500	225810	2	LCS	103207	LCS		Strontium 89/90 (GPC/GEA)
225500	225810	3	DUP	103208	B2RYP0(131598002DUP) 13 ²	1598002	Strontium 89/90 (GPC/GEA)
225500	225810	4	SAMPLE	131598002	B2RYP0		Strontium 89/90 (GPC/GEA)

Method Ret	erence ———	JANUAF	RY 14, 2014				
Attention Department	Scot Fitzgerald Inorganic		Group #	WSCF131598			
methods that are re	eferenced by each of these WSCF pr	ocedures. Please note that the most recent	s. For your convenience, this table provides a listing of version of the regulatory or industry method is listed h necessarily indicate a verbatim implementation of that	ere even though WSCF procedure may reference			
LA-505-411	·	s by ICP Atomic Emission Spectros		memou.			
	EPA SW-846	6010C	Inductively Coupled Plasma-Atomic E	Emmision			
			Spectrometry				
	HEIS	6010_METALS_ICP	Inductively Coupled Plasma-Atomic				
			Emmision 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

Method Reference

Group # WSCF131598 Scot Fitzgerald Attention Radiochemistry Department 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. LA-218-413 Tritium By Ion Removal Using Eichrom Resin Columns (Prep) N/A PREP METHOD LA-220-406 Strontium-89 and 90 in Aqueous Samples by SR-SPEC Separation SRTOT SEP PRECIP GPC HEIS Strontium 89/90, by Sr-Spec Sep. LA-508-421 Operation of the Tri-Carb Model 2500TR Liquid Scintillation Analyzer

HEISALPHA_LSCA/B Liquid ScintillationHEISBETA_LSCA/B Liquid ScintillationHEISTC99_3MDSK_LSCTC99 by Liquid ScintillationHEISTRITIUM_EIE_LSCTritium, by Eichrome ion exchange, LSC

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

Attention Department	Scot Fitzgerald Inorganic			Group #	WSCF131598	
Sample #	131598001			Matrix	WATER	
SAF#	F13-051			Sampled	12/30/13	
Sample ID	B2RYN9			Received	12/30/13	

Test Performed	CAS #	Method	RQ	Result	TP Err Units	DF	MDL	PQL	Analyzed
ICPAES Prep (W)									01/08/14
ICP-6010 - All poss	ible metals								
Iron	7439-89-6	LA-505-411		65.9	ug/L	1	40	50	01/09/14
Magnesium	7439-95-4	LA-505-411		8630	ug/L	1	60	750	01/09/14
Manganese	7439-96-5	LA-505-411		51.0	ug/L	1	4.0	5.0	01/09/14
Potassium	7440-09-7	LA-505-411	С	5940	ug/L	1	250	4000	01/09/14
Sodium	7440-23-5	LA-505-411		13200	ug/L	1	100	500	01/09/14
Chromium	7440-47-3	LA-505-411	В	5.00	ug/L	1	5.0	10	01/09/14
Cobalt	7440-48-4	LA-505-411	U	<4.0	ug/L	1	4.0	20	01/09/14
Calcium	7440-70-2	LA-505-411		39400	ug/L	1	50	1000	01/09/14

MDL = Minimum Detection Limit	B - Analyte < the PQL(or EQL)but >= the IDL/MDL(Inorganic)	U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier	C - Analyte was found in the Associated Blank. (Inorganic)	X,Y or Z - See comment detail and/or narrative.
TP Err = Total Propagated Error	D - Analyte was reported at a secondary dilution factor.	PQL is equivalent to Estimated Quantitation Limit (EQL)
DF = Dilution Factor	E - Analyte is an estimate, see comment section.	o - LCS recovery outside established laboratory acceptance limits.
+ - Indicates more than nine qualifier	N - MS and/or MSD recovery outside control limits.	o - LCS recovery outside established laboratory acceptance limits.

Attention Department	Scot Fitzge Radiochem							Group #	WSCF	-131598	
Sample # SAF#	131598002 F13-051	2						Matrix Sampled	WATER 12/30/13		
Sample ID	B2RYP0							Received	12/30/13		
Test Perform	ned	CAS #	Method	RQ	Result	TP Err	Units	DF	MDL	PQL	Analyzed
Strontium 8	9/90 WATEF	R/LIQUID PRE	P								01/02/14
Strontium 8	9/90 (GPC/0	GEA)									
Strontium-89	_90	SR-RAD	LA-220-406	U	-0.37	.74	pCi/L	1	1.3		01/06/14
Tritium by L	SC EICHRC	om wa/liq pr	REP								12/31/13
Tritium by L	.SC										
Tritium		10028-17-8	LA-508-421		2900	650	pCi/L	1	290		01/07/14

MDL = Minimum Detection Limit RQ = Result Qualifier	B - Analyte was detected in both the BLANK and SAMPLE U - Analyzed for but not detected above limiting criteria.	o - LCS recovery outside established laboratory acceptance limits.
TP Err = Total Propagated Error	N - Spike Recovery is Outside Control Limits.	
DF = Dilution Factor	X,Y or Z - See comment detail and/or narrative.	
+ - Indicates more than nine qualifier	PQL is equivalent to Estimated Quantitation Limit (EQL)	

Quality Control Report

Attention Scot Fitz Department Radioch					Group #	WSCF131598
Analytical Batch Associated Samples	225600 (QC Batch: 131598002	225435)	Test	Tritium by L	.SC	

Analyte	CAS #	Original Found	QC Found	Units	% Reco	ov Limits	RPD	RPD Limit	RQ	Analyzed
BLANK			QC Sa	mple #1031(09					
Tritium LCS	10028-17-8		49 QC Sai	pCi/L mple #1031 1	10				U	01/07/14
Tritium DUP	10028-17-8			pCi/L mple #10311 al 1315780		80 - 120				01/07/14
Tritium MSPK	10028-17-8		8700	pCi/L mple #1031 1			0.70	20		01/07/14
Tritium	10028-17-8		28000	pCi/L	94.6	75 - 125				01/07/14
* - QC re	esult out of range			n/a - Not	Applicable					

Quality Control Report

 Attention Department
 Scot Fitzgerald Radiochemistry
 WSCF131598

 Analytical Batch Associated Samples
 225810 (QC Batch: 225500)
 Test
 Strontium 89/90 (GPC/GEA)

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit		RQ	Analyzed
BLANK			QC Sar	mple #103206							
Strontium-89_90 LCS	SR-RAD		-0.65 QC Sa r	pCi/L mple #103207						U	01/06/14
Strontium-89_90 DUP	SR-RAD		87 QC Sar Origina	pCi/L mple #103208 al 131598002		80 - 120					01/06/14
Strontium-89_90	SR-RAD	-0.37	-0.26	pCi/L			-36.30	20	*	U	01/06/14

* - QC result out of range

Quality Control Report

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AttentionScot FitzDepartmentInorganic			Group #	WSCF131598
Analytical Batch Associated Samples	226131 (QC Batch: 225811) 131598001	Test	ICP-6010 - All possible metals	S

Analyte	CAS #	Original Found	QC Found	Units	% Recov	Limits	RPD	RPD Limit	RQ	Analyzed
BLANK			QC Sar	mple #1033	57					
Iron	7439-89-6		<40	ug/L					U	01/09/14
Magnesium	7439-95-4		<60	ug/L					U	01/09/14
Manganese	7439-96-5		<4.0	ug/L					U	01/09/14
Potassium	7440-09-7		382	ug/L					В	01/09/14
Sodium	7440-23-5		221	ug/L					В	01/09/14
Chromium	7440-47-3		<5.0	ug/L					U	01/09/14
Cobalt	7440-48-4		<4.0	ug/L					U	01/09/14
Calcium	7440-70-2		<50	ug/L					U	01/09/14
LCS			QC Sar	mple #1033	59					
Iron	7439-89-6		1080	ug/L	108	80 - 120				01/09/14
Magnesium	7439-95-4		10400	ug/L	103.9	80 - 120				01/09/14
Manganese	7439-96-5		1040	ug/L	103.9	80 - 120				01/09/14
Potassium	7440-09-7		11200	ug/L	112	80 - 120				01/09/14
Sodium	7440-23-5		10700	ug/L	106.9	80 - 120				01/09/14
Chromium	7440-47-3		1020	ug/L	102.4	80 - 120				01/09/14
Cobalt	7440-48-4		1020	ug/L	101.5	80 - 120				01/09/14

* - QC result out of range

Quality Control Report

JANUARY 14, 2014

AttentionScot FitzgeraldDepartmentInorganic

Group #

WSCF131598

Analyte	CAS #	Original Found	QC Found	Units	% Reco	ovLimits	RPD	RPD Limit	RQ	Analyzed
Calcium	7440-70-2		21000	ug/L	104.8	80 - 120				01/09/14
MS				mple #103360						
			Origina	al 131526007	7					
Iron	7439-89-6		1020	ug/L	102.3	75 - 125				01/09/14
Magnesium	7439-95-4		10200	ug/L	102.5	75 - 125				01/09/14
Manganese	7439-96-5		1010	ug/L	101.3	75 - 125				01/09/14
Potassium	7440-09-7		10700	ug/L	106.7	75 - 125				01/09/14
Sodium	7440-23-5		10500	ug/L	104.9	75 - 125				01/09/14
Chromium	7440-47-3		1000	ug/L	100	75 - 125				01/09/14
Cobalt	7440-48-4		979	ug/L	97.9	75 - 125				01/09/14
Calcium	7440-70-2		19000	ug/L	95	75 - 125				01/09/14
MSD				mple #103361						
			Origina	al 131526007	7			Paireo	103360	
Iron	7439-89-6		1000	ug/L	100	75 - 125	2.30	20		01/09/14
Magnesium	7439-95-4		10000	ug/L	100.4	75 - 125	0.70	20		01/09/14
Manganese	7439-96-5		990	ug/L	99	75 - 125	2.30	20		01/09/14
Potassium	7440-09-7		10200	ug/L	102.1	75 - 125	2.40	20		01/09/14
Sodium	7440-23-5		9750	ug/L	97.5	75 - 125	2.70	20		01/09/14
Chromium	7440-47-3		977	ug/L	97.7	75 - 125	2.40	20		01/09/14
Cobalt	7440-48-4		951		95.1	75 - 125	3.00	20		01/09/14
Calcium				ug/L						
Culoum	7440-70-2		19800	ug/L	99.1	75 - 125	0.90	20		01/09/14

* - QC result out of range

Quality Control Report

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AttentionScot FitzDepartmentRadioche				Group #	WSCF131598
Analytical Batch Associated Samples	225810 (QC Batch: 131598002	225500)	Test	Strontium 89/90 (GPC/GEA)	

Analyte	CAS #	Original Found	QC Found	Units	% Rec	ov Limits	RPD	RPD Limit	RQ	Analyzed
BLANK			QC Sar	nple #103206	;					
Strontium Nitrate	10042-76-9		QC Sar	mg nple #103207	, 55.4	25 - 105				01/06/14
Strontium Nitrate	10042-76-9			mg nple #103208 al 13159800		25 - 105				01/06/14
Strontium Nitrate SAMPLE	10042-76-9	9.2	-	mg #131598002	75.2	25 - 105	n/a			01/06/14
Strontium Nitrate	10042-76-9			mg	76	25 - 105				01/06/14

* - QC result out of range

ATTACHMENT4

SAMPLE RECEIPT

Consisting of 4 pages Including cover page

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	Customer Code:	CHPRC
PO Box 650 S3-30	CA CN:	404401
Richland, WA 99352	Work Order #:	131598
	Customer Work ID:	F13-051-306
ATTN: Scot Fitzgerald	Due Date:	01/14/2014

The following samples were received from you on 12/30/2013 12:30:00 PM. 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
131598001	B2RYN9	WATER	12/30/2013 11:38	12/30/2013 12:30
Procedure		Compound List		
ICP-6010 - All possi	ble metals	Fe,Mg,Mn,K,Na,Cr,Co,Ca		
Sample #	Sample ID	Matrix	Collected	Received
131598002	B2RYP0	WATER	12/30/2013 11:38	12/30/2013 12:30
Procedure		Compound List		
Strontium 89/90 (GF	PC/GEA)	SR89/90		
Tritium by LSC		НЗ		

Sample Receipt

JANUARY 14, 2014

Chain of Custody

DISPOSITION	LABORATORY SECTION	RELINQUISHED BY/REMOVED FROM	RELINQUISHED NY REMOVED FROM	RELINQUISHED BY/REMOVED FROM	CHAIN OF POSSESSION				
DISPOSAL METHOD	RECEIVED BY	FROM	FROM	FROM	FROM	FROM			
		DATS/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	
		RECEIVED BY/STORED IN	RECEIVED RY/STORID IN	RECEIVED BY/STORED	SIGN/ PRINT NAMES				
		DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	
DISPOSED BY DATE/TIME	TITLE DATE/TIME		TRV- 13" 107		EIITED	Magnesium, Manganese, Potassium, Sodium};	(1) 6010_METALS_ICP: COMMON (Calcium, Chromium, Cobalt, Iron,	The CACN for WSCF Analytical is 404401** The L00 Area S&CKF Characterization and Monitoring Sampling and Analysis GKI applies to this	SPECIAL INSTRUCTIONS

FILTER

CH2MHill	CH2MHill Plateau Remediation Company		CHAIN OF CU	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	IEQUEST	F13-051-306
COLLECTOR	RCrow	COMPANY CONTACT TODAK, D		TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	FRICE CODE 7C
SAMPLING LOCATION	TION	PROJECT DESIGNATION	Q		SAF NO.	AIR QUALITY
C8776, I-003		Sampling and Analysis of New Wells in 100-BC Area - Water	of New Wells in 10	0-BC Area - Water	F13-051	
ICE CHEST NO.	NA	FIELD LOGBOOK NO.	1/50	2 DEPTH	COA 303220ES10	GOVERNMENT VEHICLE
SHIPPED TO		OFFSITE PROPERTY NO.	0		BILL OF LADING/AIR BILL NO.	10.
Waste Sampling	Waste Sampling & Characterization	NA			NA	
	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION		11hd og CONI1		
Liquids CO	concentrations that may or may not be required for transportation be: 49 CFR/IATA	HOLDING TIME	IE 6 Months	nthe		
	Dangerous Goods Regulations but are not releasable per DCE Order 458.1.**	TYPE OF CONTAINER	INER CVP			
S-Sell SE-Sediment		ND. OF CONTAINER(S)	ER(S) 1			
T=Tosue V=Vegetation W=Water		VOLUME	500 mL	Ē		
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS		SEE ITEM(1) IN SECUL INSIRUCTIONS		
SAMPLE NO	IO. MATRIX*	SAMPLE DATE SAM	SAMPLE TIME			
BZRYN9 1	WATER	12-30-13 1138	1 38			
-				and a second of		

Sample Receipt

RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM

DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME

RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN **RECEIVED BY/STORED IN** RECEIVED BY/STORED IN

DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME

TRM_ 13 -

109

TITLE

DISPOSED BY

DATE/TIME DATE/TIME

A-6003-618 (REV 2)

RELINQUISHED BY / REMOVED FROM RELINQUISHED BY/REMOVED FROM

JANUARY 14, 2014

Chain of Custody

LABORATORY SECTION

RECEIVED BY

FINAL SAMPLE

DISPOSAL METHOD

PRINTED ON 9/24/2013

D TO Sampl	racterization	FIELD LOGBOOK NO. HNF-N- 507 29 / 50 OFFSITE PROPERTY NO. WA	20.0		ACTUAL SAMPLE DEPTH	COA 303320ES10 BILL OF LADING/AIR BUL NO	METHOD OF SHIPMENT GOVERNMENT VEHICLE BILL NO.
	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION		11NOO to pl1 None	None		
5 5	regulated for transportation per 49 CFF/IATA	HOLDING TIME		6 Months	6 Months		
2	Dangerous Goods Regulations but are not releasable per DOE Order 458.1.**	TYPE OF CONTAINER	AINER CUP	40	9		
S-Soil SE-Sediment		NO. OF CONTAINER(S)	INER(S)		1		
T=Thsue V=Vegetation W=Water		VOLUME		-	250mL		
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS		SKIOT_SEP_FR	COMMON;		
SAMPLE NO.	MATRIX*	SAMPLE DATE SA	SAMPLE TIME				
BZRYPO Z	WATER	12-30-13	1138	5	5		
CHAIN OF POSSESSION		SIGN/ PRINT NAMES	MES			SPECIAL INSTRUCTIONS	
RELINCUISHED BY/REMOVED FROM R C FOW / R CLOW / RELINCUISHED BY/REMOVED FROM	ED FROM DATE/TIME	KECEIVED BY/SIOKD	X	1-30-13	DATE/TIME	** The CACN for WSC Characterization and M SAF. TRVL-13-109	** The CACN for WSCF Analytical is 404401.□** The 100 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF, TRVL-13-109
CALL PROPERTY OF A DAMAGE AND A							

COLLECTOR

Crow

CH2MHill Plateau Remediation Company

SAMPLING LOCATION

PROJECT DESIGNATION FIELD LOGBOOK NO.

Sampling and Analysis of New Wells in 100-BC Area - Water

COA SAF NO. F13 051

AIR QUALITY PRICE CODE F13-051-307

2

DATA TURNAROUNO 15 Days / 15 Days

PAGE

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ę -

COMPANY CONTACT TODAK, D

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

TELEPHONE NO. 376-6427

PROJECT COORDINATOR

TODAK, D

C8776, I-003