

June 28, 2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Richland

2800 George Washington Way

Richland, WA 99352

Tel: (509)375-3131

TestAmerica Job ID: 300-5663-1

TestAmerica Sample Delivery Group: WC2112

Client Project/Site: F17-014

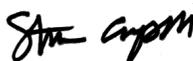
For:

CH2M Hill Plateau Remediation Company

825 Jadwin Avenue

Richland, Washington 99352

Attn: CPP Sample Management



Authorized for release by:

6/28/2017 8:08:26 AM

Steven Campbell, Project Mgmt. Assistant

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Designee for

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I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed in this package. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the attached signature.

The laboratory is accredited to EPA 7196A in Solid and Chemical Materials, per Washington State Department of Ecology this is approved for non-discharge water samples.



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Qualifiers

HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
U	Analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Job ID: 300-5663-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-5663-1**

Comments

No additional comments.

Receipt

The samples were received on 6/15/2017 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.0° C.

HPLC/IC

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



June 28, 2017

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F17-014-103	PAGE 1 OF 1
COLLECTOR DAVE WIGHT CHPRC	COMPANY CONTACT LYNCH, SA	TELEPHONE NO. 373-5586	PROJECT COORDINATOR LYNCH, SA	PRICE CODE 7H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C9563, 1-012	PROJECT DESIGNATION FY2017 200-ZP-1 Remedial Action Wells Sampling and Analysis - Water	FIELD LOGBOOK NO. HNF-N-645	ACTUAL SAMPLE DEPTH 506.63	SAF NO. F17-014	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO. NA	OFFSITE PROPERTY NO. NA	NO. OF CONTAINER(S) 1	VOLUME 60ml	COA 302938	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO TestAmerica Incorporated, Richland	PRESERVATION Cool <=6C	HOLDING TIME 24 Hours	TYPE OF CONTAINER ag	BILL OF LADING/AIR BILL NO. NA	ORIGINAL

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
B39902	WATER	1	60ml	7195, GR6: COMMON;

Handwritten notes: # 5463, W22A112



CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM DAVE WIGHT CHPRC	RECEIVED BY/STORED IN [Signature]	TRVL-17-090 *COLLECT A WATER SAMPLE 10 FEET BELOW RINGOLD LOWER MUD UNIT
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
RELINQUISHED BY/REMOVED FROM [Signature]	RECEIVED BY/STORED IN [Signature]	
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F17-014-104

PAGE 1 OF 1

COLLECTOR DAVE WRIGHT CHERC	COMPANY CONTACT LYNCH, SA	TELEPHONE NO. 373-5586	PROJECT COORDINATOR LYNCH, SA	PRICE CODE 7H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C9563, I-012	PROJECT DESIGNATION FY2017 200-ZP-1 Remedial Action Wells Sampling and Analysis - Water	FIELD LOGBOOK NO. HNF-N-645 2-51	ACTUAL SAMPLE DEPTH 506.63	SAF NO. F17-014	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO. NA	OFFSITE PROPERTY NO. NA	FIELD LOGBOOK NO. HNF-N-645 2-51	ACTUAL SAMPLE DEPTH 506.63	COA 302938	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. NA	FIELD LOGBOOK NO. HNF-N-645 2-51	ACTUAL SAMPLE DEPTH 506.63	COA 302938	METHOD OF SHIPMENT GOVERNMENT VEHICLE
MATRIX* A=Air DI=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION Cool <=6C	HOLDING TIME 48 Hours	NO. OF CONTAINER(S) 1	VOLUME 125ml	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.					
SPECIAL HANDLING AND/OR STORAGE NA	SAMPLE ANALYSIS				

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	REMARKS
B39903	WATER	6/15/17	1340	✓

Loc: 300
5663
company

June 28, 2017

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM DAVE WRIGHT CHERC	RECEIVED BY/STORED IN J. BOGK, TARI	TRVL-17-090 *COLLECT A WATER SAMPLE 10 FEET BELOW RINGOLD LOWER MUD UNIT (1) 300.0 ANIONS_IC: COMMON; 300.0 ANIONS_IC: COMMON (Add-on) {Phosphorus in phosphate};
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY

June 28, 2017 Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Client Sample ID: B39902

Lab Sample ID: 300-5663-1

No Detections.

Client Sample ID: B39903

Lab Sample ID: 300-5663-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.5	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	0.11	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.30	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	14	D	0.50	0.25	mg/L	2		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Client Sample ID: B39902
Date Collected: 06/15/17 13:40
Date Received: 06/15/17 15:30

Lab Sample ID: 300-5663-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			06/15/17 16:44	1

Client Sample ID: B39903
Date Collected: 06/15/17 13:40
Date Received: 06/15/17 15:30

Lab Sample ID: 300-5663-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5	D	0.40	0.20	mg/L			06/15/17 17:55	2
Nitrate as N	0.11	D	0.056	0.028	mg/L			06/15/17 17:55	2
Fluoride	0.30	D	0.10	0.050	mg/L			06/15/17 17:55	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			06/15/17 17:55	2
Orthophosphate as P	0.082	U D	0.16	0.082	mg/L			06/15/17 17:55	2
Sulfate	14	D	0.50	0.25	mg/L			06/15/17 17:55	2

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-8288/5
Matrix: Water
Analysis Batch: 8288

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.014	U	0.028	0.014	mg/L			06/15/17 17:25	1
Nitrite as N	0.019	U	0.038	0.019	mg/L			06/15/17 17:25	1
Orthophosphate as P	0.041	U	0.082	0.041	mg/L			06/15/17 17:25	1

Lab Sample ID: LCS 300-8288/6
Matrix: Water
Analysis Batch: 8288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	2.26	2.27		mg/L		101	80 - 120
Nitrite as N	3.04	3.10		mg/L		102	80 - 120
Orthophosphate as P	6.53	6.48		mg/L		99	80 - 120

Lab Sample ID: 300-5663-2 MS
Matrix: Water
Analysis Batch: 8288

Client Sample ID: B39903
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	0.11	D	0.452	0.503	D	mg/L		88	75 - 125
Nitrite as N	0.038	U D	0.609	0.554	D	mg/L		91	75 - 125
Orthophosphate as P	0.082	U D	1.31	0.985	D	mg/L		75	75 - 125

Lab Sample ID: 300-5663-2 DU
Matrix: Water
Analysis Batch: 8288

Client Sample ID: B39903
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.11	D	0.107	D	mg/L		0.6	20
Nitrite as N	0.038	U D	0.038	U D	mg/L		NC	20
Orthophosphate as P	0.082	U D	0.082	U D	mg/L		NC	20

Lab Sample ID: MB 300-8289/5
Matrix: Water
Analysis Batch: 8289

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.10	U	0.20	0.10	mg/L			06/15/17 17:25	1
Fluoride	0.025	U	0.050	0.025	mg/L			06/15/17 17:25	1
Sulfate	0.13	U	0.25	0.13	mg/L			06/15/17 17:25	1

Lab Sample ID: LCS 300-8289/6
Matrix: Water
Analysis Batch: 8289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	16.0	16.0		mg/L		100	80 - 120
Fluoride	4.00	4.00		mg/L		100	80 - 120
Sulfate	20.0	20.2		mg/L		101	80 - 120

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 300-5663-2 MS
Matrix: Water
Analysis Batch: 8289

Client Sample ID: B39903
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Chloride	4.5	D	3.20	7.79	D	mg/L		104	75 - 125
Fluoride	0.30	D	0.800	1.06	D	mg/L		94	75 - 125
Sulfate	14	D	4.00	18.6	D	mg/L		113	75 - 125

Lab Sample ID: 300-5663-2 DU
Matrix: Water
Analysis Batch: 8289

Client Sample ID: B39903
Prep Type: Total/NA

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Chloride	4.5	D	4.59	D	mg/L		3	20	
Fluoride	0.30	D	0.308	D	mg/L		2	20	
Sulfate	14	D	14.4	D	mg/L		2	20	

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 300-8307/3
Matrix: Water
Analysis Batch: 8307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			06/15/17 16:41	1

Lab Sample ID: LCS 300-8307/4
Matrix: Water
Analysis Batch: 8307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Cr (VI)	0.250	0.250		mg/L		100	80 - 120

Lab Sample ID: 300-5663-1 MS
Matrix: Water
Analysis Batch: 8307

Client Sample ID: B39902
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Cr (VI)	0.0015	U	0.0501	0.0456		mg/L		91	75 - 125

Lab Sample ID: 300-5663-1 DU
Matrix: Water
Analysis Batch: 8307

Client Sample ID: B39902
Prep Type: Total/NA

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Cr (VI)	0.0015	U	0.0015	U	mg/L		NC	20	

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

HPLC/IC

Analysis Batch: 8288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5663-2	B39903	Total/NA	Water	300.0	
MB 300-8288/5	Method Blank	Total/NA	Water	300.0	
LCS 300-8288/6	Lab Control Sample	Total/NA	Water	300.0	
300-5663-2 MS	B39903	Total/NA	Water	300.0	
300-5663-2 DU	B39903	Total/NA	Water	300.0	

Analysis Batch: 8289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5663-2	B39903	Total/NA	Water	300.0	
MB 300-8289/5	Method Blank	Total/NA	Water	300.0	
LCS 300-8289/6	Lab Control Sample	Total/NA	Water	300.0	
300-5663-2 MS	B39903	Total/NA	Water	300.0	
300-5663-2 DU	B39903	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 8307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5663-1	B39902	Total/NA	Water	7196A	
MB 300-8307/3	Method Blank	Total/NA	Water	7196A	
LCS 300-8307/4	Lab Control Sample	Total/NA	Water	7196A	
300-5663-1 MS	B39902	Total/NA	Water	7196A	
300-5663-1 DU	B39902	Total/NA	Water	7196A	



Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Client Sample ID: B39902
Date Collected: 06/15/17 13:40
Date Received: 06/15/17 15:30

Lab Sample ID: 300-5663-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1			8307	06/15/17 16:44	TP	TAL RCH

Client Sample ID: B39903
Date Collected: 06/15/17 13:40
Date Received: 06/15/17 15:30

Lab Sample ID: 300-5663-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			8288	06/15/17 17:55	ALR	TAL RCH
Total/NA	Analysis	300.0		2			8289	06/15/17 17:55	ALR	TAL RCH

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 300-8288/5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			8288	06/15/17 17:25	ALR	TAL RCH

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 300-8289/5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			8289	06/15/17 17:25	ALR	TAL RCH

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 300-8307/3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1			8307	06/15/17 16:41	TP	TAL RCH

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 300-8288/6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			8288	06/15/17 17:40	ALR	TAL RCH

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-8289/6

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			8289	06/15/17 17:40	ALR	TAL RCH

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-8307/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1			8307	06/15/17 16:41	TP	TAL RCH

Client Sample ID: B39902

Lab Sample ID: 300-5663-1 MS

Date Collected: 06/15/17 13:40

Matrix: Water

Date Received: 06/15/17 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1			8307	06/15/17 16:41	TP	TAL RCH

Client Sample ID: B39903

Lab Sample ID: 300-5663-2 MS

Date Collected: 06/15/17 13:40

Matrix: Water

Date Received: 06/15/17 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2			8288	06/15/17 18:10	ALR	TAL RCH
Total/NA	Analysis	300.0		2			8289	06/15/17 18:10	ALR	TAL RCH

Laboratory References:

TAL RCH = TestAmerica Richland, 2800 George Washington Way, Richland, WA 99352, TEL (509)375-3131

Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL RCH
7196A	Chromium, Hexavalent	SW846	TAL RCH

Protocol 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.

Laboratory References:

TAL RCH = TestAmerica Richland, 2800 George Washington Way, Richland, WA 99352, TEL (509)375-3131



Client: CH2M Hill Plateau Remediation Company
Project/Site: F17-014

TestAmerica Job ID: 300-5663-1
SDG: WC2112

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-5663-1	B39902	Water	06/15/17 13:40	06/15/17 15:30
300-5663-2	B39903	Water	06/15/17 13:40	06/15/17 15:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-5663-1

SDG Number: WC2112

Login Number: 5663

List Number: 1

Creator: Bock, Julie A

List Source: TestAmerica Richland

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

