

March 29, 2016

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: 300-2681-1
TestAmerica Sample Delivery Group: WC0942
Client Project/Site: F16-029

For:
CH2M Hill Plateau Remediation Company
PO BOX 1600
Mail Stop R3-50
Richland, Washington 99352

Attn: CPP Sample Management



Authorized for release by:
3/29/2016 1:33:09 PM
Steven Campbell, Quality Assurance Assistant
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Designee for
Whitney Ritari, Project Manager I
(509)375-3131 ext164
whitney.ritari@testamericainc.com

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. The sample/ sample duplicate RPD agreement is not applicable if one or both results are elss than five times the MDL.



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Qualifiers

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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

Job ID: 300-2681-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-2681-1**

Comments

No additional comments.

Receipt

The samples were received on 3/28/2016 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.4° C.

General Chemistry

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

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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-029-002 PAGE 1 OF 1

COLLECTOR K.C. Patterson/CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE C09	DATA TURNAROUND 24 Hours / 3 Days
SAMPLING LOCATION 100-DX, Bldg 1804D, Influent Tank, valve T-M3 (V-ME006A)	PROJECT DESIGNATION 100-DX P&T Resin Reconditioning	FIELD LOGBOOK NO. HNF-N-49115	SAF NO. F16-029	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	OFFSITE PROPERTY NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 302841	ORIGINAL	

SHIPPED TO TestAmerica Incorporated, Richland

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WL=Wipe X=Other	PRESERVATION Cool <=6C	HOLDING TIME 24 Hours	NO. OF CONTAINER(S) 1	VOLUME 60ml	7196 CR6 COMMON
POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. NA					

21081
W20942
Due 3-31-16

SAMPLE NO. 835319	MATRIX* WATER	SAMPLE DATE MAR 28 2016	SAMPLE TIME 0916	<input checked="" type="checkbox"/>
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300-2681 CO

March 29, 2016

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM K.C. Patterson/CHPRC	RECEIVED BY/STORED IN Roy Shepard CHPRC	TEST 1
RELINQUISHED BY/REMOVED FROM Roy Shepard CHPRC	RECEIVED BY/STORED IN BOCK, TARL	
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	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

COLLECTOR K.C. Patterson/CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE C09	DATA TURNAROUND 24 Hours / 3 Days
SAMPLING LOCATION 100-DX, Bldg 1804D, Influent Tank, valve T-M3 (V-MEQ06A) D	PROJECT DESIGNATION 100-DX P&T Resin Reconditioning	FIELD LOGBOOK NO. HNF-N-49115	ACTUAL SAMPLE DEPTH (N/A)	SAF NO. FIG-029	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO. (N/A)	OFFSITE PROPERTY NO. (N/A)	COA 302841	BILL OF LADING/AIR BILL NO. (N/A)	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL

SHIPPED TO TestAmerica Incorporated, Richland

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. NA	PRESERVATION Cool <=6C	HOLDING TIME 24 Hours	TYPE OF CONTAINER ag	NO. OF CONTAINER(S) 1	VOLUME 60mL	SAMPLE ANALYSIS 7196, DRG; COMMON;
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SPECIAL HANDLING AND/OR STORAGE	SAMPLE NO. B353V1	MATRIX* WATER	SAMPLE DATE MAR 28 2016	SAMPLE TIME 0916	TITLE TEST 1
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#21081
W000942
D0331.14

March 29 2016

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
K.C. Patterson/CHPRC	MAR 28 2016 1000	[Signature]	ROY SHEPARD/CHPRC	MAR 28 2016 1000	TEST 1
RELINQUISHED BY/REMOVED FROM Roy Shepard CHPRC	DATE/TIME 3/28/16 1200	[Signature]	RECEIVED BY/STORED IN J. Bock, TARL 3-28-16	DATE/TIME (200)	
RELINQUISHED BY/REMOVED FROM	DATE/TIME		RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME		RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME		RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-029-006

PAGE 1 OF 1

COLLECTOR	K.C. Patterson/CHPRC	COMPANY CONTACT	SUMNER, LC	TELEPHONE NO.	376-3922	PROJECT COORDINATOR	SUMNER, LC	PRICE CODE	C09	DATA TURNOURND	24 Hours / 3 Days
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SAMPLING LOCATION	100-DX, Bldg 1804D, Effluent Tank, valve T-M5 (V-MD030A)	PROJECT DESIGNATION	100-DX P&T Resin Reconditioning	FIELD LOGBOOK NO.	HNF-N-49115	ACTUAL SAMPLE DEPTH	(N/A)	SAF NO.	FIG-029	AIR QUALITY	<input type="checkbox"/>	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
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ICE CHEST NO.	(N/A)	OFFSITE PROPERTY NO.	(N/A)	COA	302841	BILL OF LADING/AIR BILL NO.	(N/A)	ORIGINAL				
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SHIPPED TO	TestAmerica Incorporated, Richland	PRESERVATION	Cool <=6C	HOLDING TIME	24 Hours	TYPE OF CONTAINER	ag	NO. OF CONTAINER(S)	1	VOLUME	60mL	SAMPLE ANALYSIS	7196, CR6; COMMON;
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MATRIX*	A=Air DI=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. NA										
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SPECIAL HANDLING AND/OR STORAGE													
SAMPLE NO.	WATER	MATRIX*	SAMPLE DATE	SAMPLE TIME									
03353V3			MAR 28 2016	0920	<p>#2081 WCC0902 On 3.31.16</p>								

March 29, 2016

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
K.C. Patterson/CHPRC	MAR 28 2016 1000	Roy Shepard CHPRC	MAR 28 2016 1000	TEST 1
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
Roy Shepard CHPRC	MAR 31 2016 1200	G. Bock, TARI	3.25.16 1200	

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST		F16-029-008	PAGE 1 OF 1
COLLECTOR K.C. Patterson/CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE C09	DATA TURNAROUND 24 Hours / 3 Days
SAMPLING LOCATION 100-DX, Bldg 1804D, Effluent Tank, valve T-M5 (V-M1030A) DU	PROJECT DESIGNATION 100-DX P&T Resin Reconditioning	FIELD LOGBOOK NO. HNF-N-49115	ACTUAL SAMPLE DEPTH (N/A)	SAF NO. F16-029	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO. (N/A)	OFFSITE PROPERTY NO. (N/A)	COA 302841	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland		BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX*	PRESERVATION	HOLDING TIME		TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SPECIAL HANDLING AND/OR STORAGE
		24 Hours	30 Days				
A=Air DL=Drum L=Liquid DS=Drum S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	Cool <=6C 24 Hours 30 Days 1 60mL 7196, CRG: COMMON;						

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B353V5	WATER	MAR 28 2016	0930	2081 WCC0942 Due 3-31-16

March 29, 2016

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM K.C. Patterson/CHPRC	RECEIVED BY/STORED IN Roy Shepard/CHPRC	TEST 1
RELINQUISHED BY/REMOVED FROM Roy Shepard/CHPRC	RECEIVED BY/STORED IN J. Bock, TARL	
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	DATE/TIME

March 29, 2016
Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

Client Sample ID: B353T9

Lab Sample ID: 300-2681-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.034		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B353V1

Lab Sample ID: 300-2681-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.034		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B353V3

Lab Sample ID: 300-2681-3

No Detections.

Client Sample ID: B353V5

Lab Sample ID: 300-2681-4

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

March 29, 2016
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
 Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
 SDG: WC0942

Client Sample ID: B353T9
Date Collected: 03/28/16 09:16
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-1
Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.034		0.0040	0.0015	mg/L			03/28/16 17:00	1

Client Sample ID: B353V1
Date Collected: 03/28/16 09:16
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-2
Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.034		0.0040	0.0015	mg/L			03/28/16 17:00	1

Client Sample ID: B353V3
Date Collected: 03/28/16 09:20
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-3
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			03/28/16 17:03	1

Client Sample ID: B353V5
Date Collected: 03/28/16 09:20
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-4
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			03/28/16 17:03	1

March 29, 2016
QC Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 300-3545/3
Matrix: Water
Analysis Batch: 3545

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L	-		03/28/16 16:55	1

Lab Sample ID: LCS 300-3545/4
Matrix: Water
Analysis Batch: 3545

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.248		mg/L	-	99	80 - 120

Lab Sample ID: 300-2679-A-2 MS
Matrix: Water
Analysis Batch: 3545

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.0071		0.0499	0.0510		mg/L	-	88	75 - 125

Lab Sample ID: 300-2679-A-2 DU
Matrix: Water
Analysis Batch: 3545

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	0.0071		0.00740		mg/L	-	4	20

March 29, 2016
QC Association Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

General Chemistry

Analysis Batch: 3545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-2679-A-2 DU	Duplicate	Total/NA	Water	7196A	
300-2679-A-2 MS	Matrix Spike	Total/NA	Water	7196A	
300-2681-1	B353T9	Total/NA	Water	7196A	
300-2681-2	B353V1	Total/NA	Water	7196A	
300-2681-3	B353V3	Total/NA	Water	7196A	
300-2681-4	B353V5	Total/NA	Water	7196A	
LCS 300-3545/4	Lab Control Sample	Total/NA	Water	7196A	
MB 300-3545/3	Method Blank	Total/NA	Water	7196A	

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Client: CH2M Hill Plateau Remediation Company
 Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
 SDG: WC0942

Client Sample ID: B353T9
Date Collected: 03/28/16 09:16
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-1
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			3545	03/28/16 17:00	RLC	TAL RCH

Client Sample ID: B353V1
Date Collected: 03/28/16 09:16
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-2
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	7196A		1			3545	03/28/16 17:00	RLC	TAL RCH

Client Sample ID: B353V3
Date Collected: 03/28/16 09:20
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-3
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			3545	03/28/16 17:03	RLC	TAL RCH

Client Sample ID: B353V5
Date Collected: 03/28/16 09:20
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2681-4
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			3545	03/28/16 17:03	RLC	TAL RCH

Client Sample ID: Duplicate
Date Collected: 03/28/16 08:27
Date Received: 03/28/16 12:00

Lab Sample ID: 300-2679-A-2 DU
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			3545	03/28/16 16:58	RLC	TAL RCH

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

Lab Sample ID: LCS 300-3545/4
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			3545	03/28/16 16:55	RLC	TAL RCH

Client: CH2M Hill Plateau Remediation Company
 Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
 SDG: WC0942

Client Sample ID: Method Blank

Lab Sample ID: MB 300-3545/3

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			3545	03/28/16 16:55	RLC	TAL RCH

Client Sample ID: Matrix Spike

Lab Sample ID: 300-2679-A-2 MS

Date Collected: 03/28/16 08:27

Matrix: Water

Date Received: 03/28/16 12:00

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		3.0 mL	3545	03/28/16 16:55	RLC	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: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	TAL RCH

Protocol References:

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



March 29, 2016
Sample Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F16-029

TestAmerica Job ID: 300-2681-1
SDG: WC0942

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-2681-1	B353T9	Water	03/28/16 09:16	03/28/16 12:00
300-2681-2	B353V1	Water	03/28/16 09:16	03/28/16 12:00
300-2681-3	B353V3	Water	03/28/16 09:20	03/28/16 12:00
300-2681-4	B353V5	Water	03/28/16 09:20	03/28/16 12:00

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Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-2681-1

SDG Number: WC0942

Login Number: 2681

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	

