

# 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: 300-3068-1  
TestAmerica Sample Delivery Group: WC1070  
Client Project/Site: F16-040

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

Attn: CPP Sample Management



Authorized for release by:  
6/6/2016 3:55:43 PM  
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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. The sample/ sample duplicate RPD agreement is not applicable if one or both results are less than five times the MDL.*



### LINKS

Review your project results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

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## Definitions/Glossary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

## Qualifiers

### General Chemistry

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

## 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)

# Case Narrative

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

**Job ID: 300-3068-1**

**Laboratory: TestAmerica Richland**

## Narrative

**Job Narrative  
300-3068-1**

### Comments

No additional comments.

### Receipt

The samples were received on 5/17/2016 2:20 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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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F16-040-039	PAGE 1 OF 1
COLLECTOR Frank Hall CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION C9546, I-002	PROJECT DESIGNATION 100-HR-3 Long Term & Interim Action Monitoring - Soil	FIELD LOGBOOK NO. HMF-N-845-495	ACTUAL SAMPLE DEPTH X 437-46.2	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO.	NO. OF CONTAINER(S) 1	VOLUME 60mL	BILL OF LADING/AIR BILL NO.	
SHIPPED TO TestAmerica Incorporated, Richland	PRESERVATION Cool-4C	HOLDING TIME 30 Days	TYPE OF CONTAINER G/P		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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. N/A	1	60mL	7196, CR6: COMMON;
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B35L75	SOIL	MAY 17 2016	1035	✓

*Handwritten notes:*  
3206/  
USE ID NO  
See 6-1-16



CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	RECEIVED BY/STORED IN Troy Bacon CHPRC	** All requests for Hexavalent Chromium at Test America Richland are to have a unique HEIS sample number and be assigned to a separate COC.
DATE/TIME MAY 17 2016 1135	DATE/TIME MAY 17 2016 1135	
RELINQUISHED BY/REMOVED FROM Troy Bacon CHPRC	RECEIVED BY/STORED IN Troy Bacon CHPRC	
DATE/TIME MAY 17 2016 1420	DATE/TIME MAY 17 2016 1420	
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
		DATE/TIME

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FIG-040-041	PAGE 1 OF 1
COLLECTOR	Frank Hall CHPRC	COMPANY CONTACT	TODAK, D 376-6427	PROJECT COORDINATOR	TODAK, D
SAMPLING LOCATION	CHPRC	PROJECT DESIGNATION	100-HR-3 Long Term & Interim Action Monitoring - Soil	SAF NO.	FIG-040
ICE CHEST NO.	C9546, I-002, DUP	FIELD LOGBOOK NO.	100-HR-3 Long Term & Interim Action Monitoring - Soil	COA	300115
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	HAFF-N-645-485	BILL OF LADING/AIR BILL NO.	
MATRIX*	TestAmerica Incorporated, Richland	PRESERVATION	Cool~-4C	PRICE CODE	8C
POSSIBLE SAMPLE HAZARDS/ REMARKS	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1, N/A	HOLDING TIME	30 Days	AIR QUALITY	<input type="checkbox"/> 15 Days / 15 Days
A=Air		TYPE OF CONTAINER	G/P	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
DI=Drum		NO. OF CONTAINER(S)	1		<b>ORIGINAL</b>
LI=Liquid		VOLUME	60mL		
DS=Drum		SAMPLE ANALYSIS	7196 CR6; COMMON;		
Solids					
L=Liquid					
O=Oil					
S=Soil					
SE=Sediment					
T=Tissue					
V=Vegetation					
W=Water					
WI=Wipe					
X=Other					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B35L77	SOIL	MAY 17 2016	1635	✓

#3064  
US 61010

6/6/2016

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	RECEIVED BY/STORED IN J. Bock, TARMAY CHPRC	DATE/TIME MAY 17 2016 1135
RELINQUISHED BY/REMOVED FROM Tony Bacon CHPRC	RECEIVED BY/STORED IN Tony Bacon CHPRC	DATE/TIME MAY 17 2016 1420
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DATE/TIME

\*\*\* All requests for Hexavalent Chromium at Test America Richland are to have a unique HEIS sample number and be assigned to a separate COC.

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F16-040-043	PAGE 1 OF 1
COLLECTOR <i>F Hall CHPRC</i>	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION C9546, I-002, EB	PROJECT DESIGNATION 100-HR-3 Long Term & Interim Action Monitoring - Soil	FIELD LOGBOOK NO. <i>HW-N-645-4</i>	SAF NO. F16-040	AIR QUALITY <input type="checkbox"/>	<b>ORIGINAL</b>
ICE CHEST NO.	ACTUAL SAMPLE DEPTH	COA 300115	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.			

MATRIX* A=Air DI=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Sediment SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	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. N/A	PRESERVATION	Cool-to-4C	
		HOLDING TIME	30 Days	
		TYPE OF CONTAINER	G/P	
		NO. OF CONTAINER(S)	1	
		VOLUME	60ml	
		SAMPLE ANALYSIS	7195 CR6; COMMON;	
SAMPLE NO. B35L79	MATRIX* SOIL	SAMPLE DATE 5-17-16	SAMPLE TIME 0930	✓

*to base  
we have*

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM <i>F Hall CHPRC</i>	RECEIVED BY/STORED IN <i>Joy Bacon CHPRC</i>	** All requests for Hexavalent Chromium at Test America Richland are to have a unique HETS sample number and be assigned to a separate COC.
RELINQUISHED BY/REMOVED FROM <i>Troy Bacon</i>	RECEIVED BY/STORED IN <i>J. Bock, TABL</i>	
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	
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

### Detection Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

**Client Sample ID: B35L75**

**Lab Sample ID: 300-3068-4**

No Detections.

**Client Sample ID: B35L77**

**Lab Sample ID: 300-3068-5**

No Detections.

**Client Sample ID: B35L79**

**Lab Sample ID: 300-3068-6**

No Detections.

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This Detection Summary does not include radiochemical test results.

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## Client Sample Results

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

**Client Sample ID: B35L75**

**Date Collected: 05/17/16 10:35**

**Date Received: 05/17/16 14:20**

**Lab Sample ID: 300-3068-4**

**Matrix: Soil**

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.15	U	2.0	0.15	mg/Kg		05/25/16 09:03	05/25/16 17:25	1

**Client Sample ID: B35L77**

**Date Collected: 05/17/16 10:35**

**Date Received: 05/17/16 14:20**

**Lab Sample ID: 300-3068-5**

**Matrix: Soil**

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.15	U	2.0	0.15	mg/Kg		05/25/16 09:03	05/25/16 17:25	1

**Client Sample ID: B35L79**

**Date Collected: 05/17/16 07:20**

**Date Received: 05/17/16 14:20**

**Lab Sample ID: 300-3068-6**

**Matrix: Soil**

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.15	U	2.0	0.15	mg/Kg		05/25/16 09:03	05/25/16 17:25	1

### QC Sample Results

Client: CH2M Hill Plateau Remediation Company  
 Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
 SDG: WC1070

**Method: 7196A - Chromium, Hexavalent**

Lab Sample ID: MB 300-4306/1-A  
 Matrix: Solid  
 Analysis Batch: 4358

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 4306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.15	U	2.0	0.15	mg/Kg		05/25/16 09:03	05/25/16 17:25	1

Lab Sample ID: LCS 300-4306/2-A  
 Matrix: Solid  
 Analysis Batch: 4358

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 4306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	19.50		mg/Kg		98	85 - 115

Lab Sample ID: 300-3025-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 4358

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 4306

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.15	U	30.0	26.98		mg/Kg		90	75 - 125

Lab Sample ID: 300-3025-A-1-D MSI  
 Matrix: Solid  
 Analysis Batch: 4358

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 4306

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.15	U	714	731.9	D	mg/Kg		102	

Lab Sample ID: 300-3025-A-1-C DU  
 Matrix: Solid  
 Analysis Batch: 4358

Client Sample ID: Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 4306

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	0.15	U	0.15	U	mg/Kg		NC	35

## QC Association Summary

Client: CH2M Hill Plateau Remediation Company  
 Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
 SDG: WC1070

## General Chemistry

## Prep Batch: 4306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3025-A-1-B MS	Matrix Spike	Total/NA	Solid	3060A	
300-3025-A-1-C DU	Duplicate	Total/NA	Solid	3060A	
300-3025-A-1-D MSI	Matrix Spike	Total/NA	Solid	3060A	
300-3068-4	B35L75	Total/NA	Soil	3060A	
300-3068-5	B35L77	Total/NA	Soil	3060A	
300-3068-6	B35L79	Total/NA	Soil	3060A	
LCS 300-4306/2-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 300-4306/1-A	Method Blank	Total/NA	Solid	3060A	

## Analysis Batch: 4358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3025-A-1-B MS	Matrix Spike	Total/NA	Solid	7196A	4306
300-3025-A-1-C DU	Duplicate	Total/NA	Solid	7196A	4306
300-3025-A-1-D MSI	Matrix Spike	Total/NA	Solid	7196A	4306
300-3068-4	B35L75	Total/NA	Soil	7196A	4306
300-3068-5	B35L77	Total/NA	Soil	7196A	4306
300-3068-6	B35L79	Total/NA	Soil	7196A	4306
LCS 300-4306/2-A	Lab Control Sample	Total/NA	Solid	7196A	4306
MB 300-4306/1-A	Method Blank	Total/NA	Solid	7196A	4306

## Lab Chronicle

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

**Client Sample ID: B35L75**

Date Collected: 05/17/16 10:35

Date Received: 05/17/16 14:20

**Lab Sample ID: 300-3068-4**

Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5054 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5054 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

**Client Sample ID: B35L77**

Date Collected: 05/17/16 10:35

Date Received: 05/17/16 14:20

**Lab Sample ID: 300-3068-5**

Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5372 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5372 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

**Client Sample ID: B35L79**

Date Collected: 05/17/16 07:20

Date Received: 05/17/16 14:20

**Lab Sample ID: 300-3068-6**

Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5267 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5267 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

**Client Sample ID: Duplicate**

Date Collected: 05/09/16 16:30

Date Received: 05/10/16 16:15

**Lab Sample ID: 300-3025-A-1-C DU**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5019 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5019 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

**Client Sample ID: Lab Control Sample**

Date Collected: N/A

Date Received: N/A

**Lab Sample ID: LCS 300-4306/2-A**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

**Client Sample ID: Method Blank**

Date Collected: N/A

Date Received: N/A

**Lab Sample ID: MB 300-4306/1-A**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

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## Lab Chronicle

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

## Client Sample ID: Matrix Spike

Date Collected: 05/09/16 16:30

Date Received: 05/10/16 16:15

## Lab Sample ID: 300-3025-A-1-B MS

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5025 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		1	2.5025 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

## Client Sample ID: Matrix Spike

Date Collected: 05/09/16 16:30

Date Received: 05/10/16 16:15

## Lab Sample ID: 300-3025-A-1-D MSI

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5006 g	100 mL	4306	05/25/16 09:03	HR	TAL RCH
Total/NA	Analysis	7196A		20	2.5006 g	100 mL	4358	05/25/16 17:25	TDA	TAL RCH

## Laboratory References:

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

# Method Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

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

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**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



# Sample Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F16-040

TestAmerica Job ID: 300-3068-1  
SDG: WC1070

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-3068-4	B35L75	Soil	05/17/16 10:35	05/17/16 14:20
300-3068-5	B35L77	Soil	05/17/16 10:35	05/17/16 14:20
300-3068-6	B35L79	Soil	05/17/16 07:20	05/17/16 14:20

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## Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-3068-1

SDG Number: WC1070

**Login Number: 3068****List Number: 1****Creator: Bock, Julie A****List Source: TestAmerica Richland**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	