

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: 300-5667-1

TestAmerica Sample Delivery Group: WC2115

Client Project/Site: S17-006

For:

CH2M Hill Plateau Remediation Company

825 Jadwin Avenue

Richland, Washington 99352

Attn: CPP Sample Management



Authorized for release by:

6/28/2017 8:12:31 AM

Steven Campbell, Project Mgmt. Assistant

[steven.campbell@testamericainc.com](mailto:steven.campbell@testamericainc.com)

Designee for

Whitney Ritari, Project Manager I

(509)375-3131 ext164

[whitney.ritari@testamericainc.com](mailto:whitney.ritari@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



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[www.testamericainc.com](http://www.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.*



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## Qualifiers

### HPLC/IC

Qualifier	Qualifier Description
D	The reported value is from a dilution.
B	Estimated result. Result is less than the RL, but greater than MDL
U	Analyzed for but not detected.
X	See case narrative notes for explanation of the 'X' flag

### 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: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

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**Job ID: 300-5667-1**

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**Laboratory: TestAmerica Richland**

**Narrative**

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**Job Narrative  
300-5667-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 6/16/2017 2:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.9° C.

**HPLC/IC**

Method 300.0: The matrix spike (MS) recovery for Nitrate as N in analytical batch 8299 was outside acceptance criteria. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The parent sample result exceeds four times the amount spiked into the MS sample.

An X flag indicates that the associated sample result exceeds four times the amount spiked into the MS sample for a given analyte.

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

**General Chemistry**

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



CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # S17-006-450  
Page 1 of 1

Collector	DAVE WIGHT CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S17-006	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JUNE 2017	Logbook No.	HNF-N-506 <u>93 / 54</u>	Ice Chest No.	N/A
Shipped To (Lab)	Test/America Incorporated, Richland.	Method of Shipment	GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.	N/A
Protocol	SURV	Priority:	30 Days	Offsite Property No.	N/A
<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b>			<b>PRIORITY</b>		
*** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1			SPECIAL INSTRUCTIONS		
			Hold Time		
			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B39T91	N	W	JUN 16 2017	1304	1x60-ml aG	7196_CRG: COMMON	24 Hours	Cool <=6C

June 28, 2017

Stacy  
Wcaillis

300-5667 COC



Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
DAVE WIGHT CHPRC			JUN 16 2017	Kevin Patterson CHPRC			JUN 16 2017	SE = Soil SO = Sediment SL = Sludge W = Water O = Oil A = Air
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Kevin Patterson CHPRC			JUN 16 2017				JUN 16 2017	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time				

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Collector	DAVE WRIGHT CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S17-006	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JUNE 2017	Logbook No.	HNF-N-506 93/54	Ice Chest No.	
Shipped To (Lab)	<u>TestAmerica St. Louis</u> <b>TARC</b>	Method of Shipment	Commercial Carrier	Bill of Lading/Air Bill No.	
Protocol	SURV	Priority:	30 Days	Offsite Property No.	
<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b>			<b>SPECIAL INSTRUCTIONS</b>		
*** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1			N/A		
Sample No.	B39T92	Filter	N	Date	JUN 16 2017
		*	W	Time	1304
		No/Type Container	1x125-ml P	Sample Analysis	300.0_ANIONS_IC: COMMON
		Holding Time	48 Hours	Preservative	Cool <=6C

June 28, 2017

ASUN  
wccalls

Loc: 300  
5667

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Relinquished By	DAVE WRIGHT CHPRC	Print	Sign	Date/Time	JUN 16 2017 1308	Received By	Kevin Patterson CHPRC	Print	Sign	Date/Time	JUN 16 2017 1308	Matrix *
Relinquished By	Kevin Patterson CHPRC	Print	Sign	Date/Time	JUN 16 2017 1450	Received By	J. Boek, TARC	Print	Sign	Date/Time	JUN 16 2017 1450	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solids DL = Drum Liquids T = Tissue WL = Wipe L = Liquid V = Vegetation X = Other
Relinquished By		Date/Time				Received By		Date/Time				
<b>FINAL SAMPLE DISPOSITION</b> Disposal Method (e.g., Return to customer, per lab procedure, used in process)												

# June 28, 2017 Detection Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

## Client Sample ID: B39T91

## Lab Sample ID: 300-5667-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.019		0.0040	0.0015	mg/L	1		7196A	Total/NA

## Client Sample ID: B39T92

## Lab Sample ID: 300-5667-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.8	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	7.7	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.44	D	0.10	0.050	mg/L	2		300.0	Total/NA
Nitrite as N	0.057	B D	0.076	0.038	mg/L	2		300.0	Total/NA
Sulfate	15	D	0.50	0.25	mg/L	2		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

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Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

**Client Sample ID: B39T91**

**Lab Sample ID: 300-5667-1**

Date Collected: 06/16/17 13:04

Matrix: Water

Date Received: 06/16/17 14:50

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.019		0.0040	0.0015	mg/L			06/16/17 16:03	1

**Client Sample ID: B39T92**

**Lab Sample ID: 300-5667-2**

Date Collected: 06/16/17 13:04

Matrix: Water

Date Received: 06/16/17 14:50

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.8	D	0.40	0.20	mg/L			06/16/17 16:37	2
Nitrate as N	7.7	D	0.056	0.028	mg/L			06/16/17 16:37	2
Fluoride	0.44	D	0.10	0.050	mg/L			06/16/17 16:37	2
Nitrite as N	0.057	B D	0.076	0.038	mg/L			06/16/17 16:37	2
Sulfate	15	D	0.50	0.25	mg/L			06/16/17 16:37	2

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-8299/5  
Matrix: Water  
Analysis Batch: 8299

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			06/16/17 16:07	1
Nitrite as N	0.019	U	0.038	0.019	mg/L			06/16/17 16:07	1

Lab Sample ID: LCS 300-8299/6  
Matrix: Water  
Analysis Batch: 8299

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	2.34		mg/L		104	80 - 120
Nitrite as N	3.04	3.23		mg/L		106	80 - 120

Lab Sample ID: 300-5667-2 MS  
Matrix: Water  
Analysis Batch: 8299

Client Sample ID: B39T92  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	7.7	D	0.452	8.04	D X	mg/L		71	75 - 125
Nitrite as N	0.057	B D	0.609	0.570	D	mg/L		84	75 - 125

Lab Sample ID: 300-5667-2 DU  
Matrix: Water  
Analysis Batch: 8299

Client Sample ID: B39T92  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Nitrate as N	7.7	D	7.70	D	mg/L		0.3	20
Nitrite as N	0.057	B D	0.038	U D	mg/L		NC	20

Lab Sample ID: MB 300-8300/5  
Matrix: Water  
Analysis Batch: 8300

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			06/16/17 16:07	1
Fluoride	0.025	U	0.050	0.025	mg/L			06/16/17 16:07	1
Sulfate	0.13	U	0.25	0.13	mg/L			06/16/17 16:07	1

Lab Sample ID: LCS 300-8300/6  
Matrix: Water  
Analysis Batch: 8300

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	16.7		mg/L		104	80 - 120
Fluoride	4.00	4.06		mg/L		102	80 - 120
Sulfate	20.0	21.1		mg/L		106	80 - 120

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

Lab Sample ID: 300-5667-2 MS  
Matrix: Water  
Analysis Batch: 8300

Client Sample ID: B39T92  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Chloride	5.8	D	3.20	8.98	D	mg/L		100	75 - 125	
Fluoride	0.44	D	0.800	1.20	D	mg/L		94	75 - 125	
Sulfate	15	D	4.00	19.0	D	mg/L		102	75 - 125	

Lab Sample ID: 300-5667-2 DU  
Matrix: Water  
Analysis Batch: 8300

Client Sample ID: B39T92  
Prep Type: Total/NA

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Chloride	5.8	D	5.73	D	mg/L		0.9	20	
Fluoride	0.44	D	0.437	D	mg/L		2	20	
Sulfate	15	D	14.6	D	mg/L		2	20	

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

Lab Sample ID: MB 300-8308/3  
Matrix: Water  
Analysis Batch: 8308

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			06/16/17 16:00	1

Lab Sample ID: LCS 300-8308/4  
Matrix: Water  
Analysis Batch: 8308

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	0.252			mg/L		101	80 - 120	

Lab Sample ID: 300-5667-1 MS  
Matrix: Water  
Analysis Batch: 8308

Client Sample ID: B39T91  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Cr (VI)	0.019		0.0501	0.0685		mg/L		99	75 - 125	

Lab Sample ID: 300-5667-1 DU  
Matrix: Water  
Analysis Batch: 8308

Client Sample ID: B39T91  
Prep Type: Total/NA

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Cr (VI)	0.019		0.0189		mg/L		0	20	

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

**HPLC/IC**

**Analysis Batch: 8299**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5667-2	B39T92	Total/NA	Water	300.0	
MB 300-8299/5	Method Blank	Total/NA	Water	300.0	
LCS 300-8299/6	Lab Control Sample	Total/NA	Water	300.0	
300-5667-2 MS	B39T92	Total/NA	Water	300.0	
300-5667-2 DU	B39T92	Total/NA	Water	300.0	

**Analysis Batch: 8300**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5667-2	B39T92	Total/NA	Water	300.0	
MB 300-8300/5	Method Blank	Total/NA	Water	300.0	
LCS 300-8300/6	Lab Control Sample	Total/NA	Water	300.0	
300-5667-2 MS	B39T92	Total/NA	Water	300.0	
300-5667-2 DU	B39T92	Total/NA	Water	300.0	

**General Chemistry**

**Analysis Batch: 8308**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-5667-1	B39T91	Total/NA	Water	7196A	
MB 300-8308/3	Method Blank	Total/NA	Water	7196A	
LCS 300-8308/4	Lab Control Sample	Total/NA	Water	7196A	
300-5667-1 MS	B39T91	Total/NA	Water	7196A	
300-5667-1 DU	B39T91	Total/NA	Water	7196A	



Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

**Client Sample ID: B39T91**  
Date Collected: 06/16/17 13:04  
Date Received: 06/16/17 14:50

**Lab Sample ID: 300-5667-1**  
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			8308	06/16/17 16:03	TP	TAL RCH

**Client Sample ID: B39T92**  
Date Collected: 06/16/17 13:04  
Date Received: 06/16/17 14:50

**Lab Sample ID: 300-5667-2**  
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			8299	06/16/17 16:37	ALR	TAL RCH
Total/NA	Analysis	300.0		2			8300	06/16/17 16:37	ALR	TAL RCH

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

**Lab Sample ID: MB 300-8299/5**  
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			8299	06/16/17 16:07	ALR	TAL RCH

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

**Lab Sample ID: MB 300-8300/5**  
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			8300	06/16/17 16:07	ALR	TAL RCH

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

**Lab Sample ID: MB 300-8308/3**  
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			8308	06/16/17 16:00	TP	TAL RCH

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

**Lab Sample ID: LCS 300-8299/6**  
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			8299	06/16/17 16:22	ALR	TAL RCH

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

**Client Sample ID: Lab Control Sample**

**Lab Sample ID: LCS 300-8300/6**

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			8300	06/16/17 16:22	ALR	TAL RCH

**Client Sample ID: Lab Control Sample**

**Lab Sample ID: LCS 300-8308/4**

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			8308	06/16/17 16:00	TP	TAL RCH

**Client Sample ID: B39T91**

**Lab Sample ID: 300-5667-1 MS**

Date Collected: 06/16/17 13:04

Matrix: Water

Date Received: 06/16/17 14:50

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			8308	06/16/17 16:00	TP	TAL RCH

**Client Sample ID: B39T92**

**Lab Sample ID: 300-5667-2 MS**

Date Collected: 06/16/17 13:04

Matrix: Water

Date Received: 06/16/17 14:50

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			8299	06/16/17 16:52	ALR	TAL RCH
Total/NA	Analysis	300.0		2			8300	06/16/17 16:52	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: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

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



# June 28, 2017 Sample Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: S17-006

TestAmerica Job ID: 300-5667-1  
SDG: WC2115

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-5667-1	B39T91	Water	06/16/17 13:04	06/16/17 14:50
300-5667-2	B39T92	Water	06/16/17 13:04	06/16/17 14:50

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## Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-5667-1

SDG Number: WC2115

**Login Number: 5667**

**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	

