

August 5, 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: 300-3445-1
TestAmerica Sample Delivery Group: WC1246
Client Project/Site: S16-007

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

Attn: CPP Sample Management



Authorized for release by:
8/5/2016 7:43:20 AM
Steven Campbell, Project Mgmt. 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 less than five times the MDL.



LINKS

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Qualifiers

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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)



August 5, 2016 Case Narrative

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Job ID: 300-3445-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-3445-1**

Comments

No additional comments.

Receipt

The samples were received on 7/11/2016 2:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.7° C.

HPLC/IC

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

C.O.C. #
S16-007-338
Page 1 of 1

Collector	Kevin Patterson	elerec	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650			
SAF No.	S16-007		Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071			
Project Title	SURV, JULY 2016		Logbook No.	HNF-N-506 8281	Ice Chest No.	N/A			
Shipped To (Lab)	TestAmerica 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			
<p>POSSIBLE SAMPLE HAZARDS/REMARKS</p> <p>*** 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</p>			<p>SPECIAL INSTRUCTIONS</p> <p>N/A Special Handling: N/A</p>		<p>Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
Sample No.	B35W21	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
			N	7/11/16	745	1x500-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

3445
W01244



300-3445 COC

Relinquished By	Kevin Patterson	elerec	Print	Sign	Date/Time	Received By	SSU #1	Print	Sign	Date/Time	Matrix *
					JUL 10 2016 15					JUL 11 2016 15	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By	SSU #1				Date/Time	Received By	Kevin Patterson			Date/Time	DS = Drum Solids DL = Drum Liquids T = Tissue WT = Wipe L = Liquid V = Vegetation X = Other
					JUL 11 2016 1100					JUL 11 2016 1100	
Relinquished By	Kevin Patterson	elerec			Date/Time	Received By	J. Bock, TARL			Date/Time	
					JUL 11 2016 1450					JUL 11 2016 1450	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time
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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.#
S16-007-255
Page 1 of 1

Collector	Kevin Patterson CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650			
SAF No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071			
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>2/85</u>	Ice Chest No.	N/A			
Shipped To (Lab)	TestAmerica 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			
POSSIBLE SAMPLE HAZARDS/REMARKS			PRIORITY					
*** 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 N/A Special Handling: N/A					
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B35TM9	N	W	JUL 10 2016	1236	1x500-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

3445
USCIBARY

Relinquished By	Kevin Patterson CHPRC	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Relinquished By	<i>[Signature]</i>			JUL 10 2016	Received By	SSV #1		JUL 10 2016 1517	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By	SSU #1			JUL 11 2016 1100	Received By	<i>[Signature]</i>		JUL 11 2016 1100	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Relinquished By	Lesly West CHPRC			JUL 11 2016 1450	Received By	J. Bock, TARL		JUL 11 2016 1450	
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time		



CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-272
Page 1 of 1

Collector	Kevin Patterson CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>82/85</u>	Ice Chest No.	N/A
Shipped To (Lab)	TestAmerica 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
POSSIBLE SAMPLE HAZARDS/REMARKS			PRIORITY		
*** 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		
			N/A		
			Special Handling: N/A		
			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
B35TV7	N	W	JUL 10 2016	1422	1x500-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

W3445
W3C1244

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Kevin Patterson CHPRC			JUL 10 2016					S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By			JUL 11 2016 1100	Received By			JUL 11 2016 1100	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Relinquished By			JUL 11 2016 1150	Received By		J. Bock, TARI	JUL 11 2016 1150	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time
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CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-339
Page 1 of 1

Collector	Kevin Patterson CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>2/85</u>	Ice Chest No.	N/A
Shipped To (Lab)	TestAmerica Incorporated, Richland	Method of Shipment	GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.	N/A
Protocol	SURY	Priority:	30 Days	Offsite Property No.	N/A
POSSIBLE SAMPLE HAZARDS/REMARKS			PRIORITY		
*** 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 N/A Special Handling: N/A		
Sample No.	Filter	Date	Time	No/Type Container	Sample Analysis
B35W20	N	JUL 10 2016	1340	1x500-mL P	300.0_ANIONS_IC: COMMON
					Holding Time
					48 Hours
					Preservative
					Cool <=6C
					Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3445
WCI2446

Relinquished By	Kevin Patterson CHPRC	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Relinquished By	<i>[Signature]</i>			JUL 10 2016 1515	Received By	SSU #1		JUL 10 2016 1515	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water A = Air
Relinquished By	SSU #1			JUL 11 2016 1100	Received By	<i>[Signature]</i>		JUL 11 2016 1100	DS = Drum Solids DL = Drum Liquids T = Tissue WL = Wipe L = Liquid V = Vegetation X = Other
Relinquished By	<i>[Signature]</i>			JUL 11 2016 1450	Received By	J. Bock, TABL		JUL 11 2016 1450	
FINAL SAMPLE DISPOSITION									
Disposal Method (e.g., Return to customer, per lab procedure, used in process)					Disposed By				



CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-282

Page 1 of 1

Collector	Frank Hill /CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>85/88/89</u>	Ice Chest No.	N/A
Shipped To (Lab)	TestAmerica 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
POSSIBLE SAMPLE HAZARDS/REMARKS			PRIORITY		
*** 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 N/A Special Handling: N/A		
Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			Hold Time		

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B35TY2	N	W	7/16/16	1402	1X500-ml P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

3445
WELAND

Reinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Frank Hill /CHPRC			JUL 10 2016 1530	SSU #1			JUL 10 2016 1530	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
			JUL 11 2016 1100	SSU #1			JUL 11 2016 1100	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Lesly West /CHPRC			JUL 11 2016 1450	J. Book, TARI			JUL 11 2016 1450	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) _____ Date/Time _____

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-276
Page 1 of 1

Collector Frank Hill / FHPRC	Contact/Requester Karen Waters-Husted	Telephone No. 509-376-4650
SAF No. S16-007	Sampling Origin Hanford Site	Purchase Order/Charge Code 300071
Project Title SURV, JULY 2016	Logbook No. HNF-N-506 <u>85/88/89</u>	Ice Chest No. N/A
Shipped To (Lab) TestAmerica 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
POSSIBLE SAMPLE HAZARDS/REMARKS		
*** 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 N/A Special Handling: N/A		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
B35TW9	N	W	7/10/16	1319	1x500-ml P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

3445
wcr244P

Reinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Reinquished By Frank Hill / FHPRC			JUL 10 2016 1530	Received By SSU #1			JUL 10 2016 1530	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Reinquished By SSU #1			JUL 11 2016 1100	Received By Lesly West / FHPRC			JUL 11 2016 1100	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Reinquished By Lesly West / FHPRC			JUL 11 2016 1450	Received By J. Bock, TARL			JUL 11 2016 1450	

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process)

Disposed By

Date/Time

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-277
Page 1 of 1

Collector	Frank Hall /CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAR No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>85/88/89</u>	Ice Chest No.	N/A
Shipped To (Lab)	TestAmerica 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
POSSIBLE SAMPLE HAZARDS/REMARKS			SPECIAL INSTRUCTIONS		
*** 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 Special Handling: N/A		
Sample No.	Filter	*	Date	Time	No/Type Container
B35TX2	N	W	7/10/16	1229	1x500-mL P
Sample Analysis			300.0 ANIONS_IC: COMMON		
Holding Time			48 Hours		
Preservative			Cool <=6C		
Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					

3445
weiray

Reinquished By	Lesly Weiray /CHPRC	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
	<i>[Signature]</i>			JUL 10 2016 1530	SSU #1			JUL 10 2016 1530	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Reinquished By	SSU #1			JUL 11 2016 1100	Received By	<i>[Signature]</i>		JUL 11 2016 1100	DS = Drum Solids DL = Dross Liquids T = Tissue WT = Wipe L = Liquid V = Vegetation X = Other
Reinquished By	Lesly Weiray /CHPRC		<i>[Signature]</i>	JUL 11 2016 1450	Received By	J. Bock, TARL		JUL 11 2016 1450	
FINAL SAMPLE DISPOSITION									
Disposal Method (e.g., Return to customer, per lab procedure, used in process)					Disposed By				

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
S16-007-293
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Collector	Scott King CHPRC	Contact/Requester	Karen Waters-Husted	Telephone No.	509-376-4650
SAF No.	S16-007	Sampling Origin	Hanford Site	Purchase Order/Charge Code	300071
Project Title	SURV, JULY 2016	Logbook No.	HNF-N-506 <u>86/48</u>	Ice Chest No.	N/A
Shipped To (Lab)	TestAmerica 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
POSSIBLE SAMPLE HAZARDS/REMARKS		PRIORITY		Hold Time	
*** 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		Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		N/A Special Handling: N/A			

Sample No.	Filter	* Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B35V25	N	JUL 10 2016	10:13	1x500-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

3445
WATER

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Relinquished By Scott King CHPRC			JUL 10 2016 1430	Received By Janette Zunker CHPRC			JUL 10 2016 1430	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
Relinquished By Janette Zunker CHPRC			JUL 10 2016 1500	Received By SSC#1			JUL 10 2016 1500	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Relinquished By SSC#1			JUL 11 2016 1100	Received By Lesly West CHPRC			JUL 11 2016 1100	
Relinquished By Lesly West CHPRC			JUL 11 2016 1450	Received By J. Bock, TARL			JUL 11 2016 1450	
FINAL SAMPLER DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time		

August 5, 2016 Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35W21

Lab Sample ID: 300-3445-1

No Detections.

Client Sample ID: B35TM9

Lab Sample ID: 300-3445-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.9	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	2.6	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.31	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	90	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B35TV7

Lab Sample ID: 300-3445-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	10	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
Sulfate	54	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B35W20

Lab Sample ID: 300-3445-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	43	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	140	D	1.4	0.70	mg/L	50		300.0	Total/NA
Fluoride	0.39	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	250	D	13	6.3	mg/L	50		300.0	Total/NA

Client Sample ID: B35TY2

Lab Sample ID: 300-3445-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	19	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	23	D	0.28	0.14	mg/L	10		300.0	Total/NA
Fluoride	0.52	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	37	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B35TW9

Lab Sample ID: 300-3445-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	18	D	0.28	0.14	mg/L	10		300.0	Total/NA
Fluoride	0.43	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	49	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B35TX2

Lab Sample ID: 300-3445-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	5.2	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	22	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B35V25

Lab Sample ID: 300-3445-8

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

August 5, 2016 Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35V25 (Continued)

Lab Sample ID: 300-3445-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	1.9	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.41	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	29	D	0.50	0.25	mg/L	2		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

August 5, 2016 Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35W21

Lab Sample ID: 300-3445-1

Date Collected: 07/10/16 07:45
Date Received: 07/11/16 14:50

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U D	0.40	0.20	mg/L			07/11/16 21:09	2
Nitrate as N	0.028	U D	0.056	0.028	mg/L			07/11/16 21:09	2
Fluoride	0.050	U D	0.10	0.050	mg/L			07/11/16 21:09	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 21:09	2
Sulfate	0.25	U D	0.50	0.25	mg/L			07/11/16 21:09	2

Client Sample ID: B35TM9

Lab Sample ID: 300-3445-2

Date Collected: 07/10/16 12:36
Date Received: 07/11/16 14:50

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.9	D	0.40	0.20	mg/L			07/11/16 20:23	2
Nitrate as N	2.6	D	0.056	0.028	mg/L			07/11/16 20:23	2
Fluoride	0.31	D	0.10	0.050	mg/L			07/11/16 20:23	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 20:23	2
Sulfate	90	D	0.50	0.25	mg/L			07/11/16 20:23	2

Client Sample ID: B35TV7

Lab Sample ID: 300-3445-3

Date Collected: 07/10/16 14:22
Date Received: 07/11/16 14:50

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12	D	0.40	0.20	mg/L			07/11/16 21:24	2
Nitrate as N	10	D	0.056	0.028	mg/L			07/11/16 21:24	2
Fluoride	0.44	D	0.10	0.050	mg/L			07/11/16 21:24	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 21:24	2
Sulfate	54	D	0.50	0.25	mg/L			07/11/16 21:24	2

Client Sample ID: B35W20

Lab Sample ID: 300-3445-4

Date Collected: 07/10/16 13:40
Date Received: 07/11/16 14:50

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43	D	0.40	0.20	mg/L			07/11/16 21:39	2
Nitrate as N	140	D	1.4	0.70	mg/L			07/12/16 00:40	50
Fluoride	0.39	D	0.10	0.050	mg/L			07/11/16 21:39	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 21:39	2
Sulfate	250	D	13	6.3	mg/L			07/12/16 00:40	50

Client Sample ID: B35TY2

Lab Sample ID: 300-3445-5

Date Collected: 07/10/16 14:02
Date Received: 07/11/16 14:50

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19	D	0.40	0.20	mg/L			07/11/16 21:54	2
Nitrate as N	23	D	0.28	0.14	mg/L			07/12/16 00:55	10

TestAmerica Richland

August 5, 2016 Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35TY2

Date Collected: 07/10/16 14:02

Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-5

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.52	D	0.10	0.050	mg/L			07/11/16 21:54	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 21:54	2
Sulfate	37	D	0.50	0.25	mg/L			07/11/16 21:54	2

Client Sample ID: B35TW9

Date Collected: 07/10/16 13:19

Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27	D	0.40	0.20	mg/L			07/11/16 22:09	2
Nitrate as N	18	D	0.28	0.14	mg/L			07/12/16 01:10	10
Fluoride	0.43	D	0.10	0.050	mg/L			07/11/16 22:09	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 22:09	2
Sulfate	49	D	0.50	0.25	mg/L			07/11/16 22:09	2

Client Sample ID: B35TX2

Date Collected: 07/10/16 12:29

Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11	D	0.40	0.20	mg/L			07/11/16 22:54	2
Nitrate as N	5.2	D	0.056	0.028	mg/L			07/11/16 22:54	2
Fluoride	0.30	D	0.10	0.050	mg/L			07/11/16 22:54	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 22:54	2
Sulfate	22	D	0.50	0.25	mg/L			07/11/16 22:54	2

Client Sample ID: B35V25

Date Collected: 07/10/16 10:13

Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.5	D	0.40	0.20	mg/L			07/11/16 23:09	2
Nitrate as N	1.9	D	0.056	0.028	mg/L			07/11/16 23:09	2
Fluoride	0.41	D	0.10	0.050	mg/L			07/11/16 23:09	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			07/11/16 23:09	2
Sulfate	29	D	0.50	0.25	mg/L			07/11/16 23:09	2

TestAmerica Richland

August 5, 2016

QC Sample Results

Client: CH2M Hill Plateau Remediation Company
 Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
 SDG: WC1246

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-4837/5
Matrix: Water
Analysis Batch: 4837

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			07/11/16 19:53	1
Nitrite as N	0.019	U	0.038	0.019	mg/L			07/11/16 19:53	1

Lab Sample ID: LCS 300-4837/6
Matrix: Water
Analysis Batch: 4837

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	2.41		mg/L		107	80 - 120
Nitrite as N	3.04	3.25		mg/L		107	80 - 120

Lab Sample ID: 300-3445-2 MS
Matrix: Water
Analysis Batch: 4837

Client Sample ID: B35TM9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	2.6	D	0.452	3.09	D	mg/L		114	75 - 125
Nitrite as N	0.038	U D	0.609	0.543	D	mg/L		89	75 - 125

Lab Sample ID: 300-3445-2 DU
Matrix: Water
Analysis Batch: 4837

Client Sample ID: B35TM9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	2.6	D	2.57	D	mg/L		0.3	20
Nitrite as N	0.038	U D	0.038	U D	mg/L		NC	20

Lab Sample ID: MB 300-4838/5
Matrix: Water
Analysis Batch: 4838

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			07/11/16 19:53	1
Fluoride	0.025	U	0.050	0.025	mg/L			07/11/16 19:53	1
Sulfate	0.13	U	0.25	0.13	mg/L			07/11/16 19:53	1

Lab Sample ID: LCS 300-4838/6
Matrix: Water
Analysis Batch: 4838

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	16.8		mg/L		105	80 - 120
Fluoride	4.00	4.23		mg/L		106	80 - 120
Sulfate	20.0	21.1		mg/L		106	80 - 120

TestAmerica Richland

August 5, 2016

QC Sample Results

Client: CH2M Hill Plateau Remediation Company
 Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
 SDG: WC1246

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 300-3445-2 MS
Matrix: Water
Analysis Batch: 4838

Client Sample ID: B35TM9
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	
Chloride	9.9	D	3.20	13.4	D	mg/L		107	75 - 125	
Fluoride	0.31	D	0.800	1.09	D	mg/L		97	75 - 125	
Sulfate	90	D	4.00	94.7	D	mg/L		124	75 - 125	

Lab Sample ID: 300-3445-2 DU
Matrix: Water
Analysis Batch: 4838

Client Sample ID: B35TM9
Prep Type: Total/NA

Analyte	Sample	Sample	DU DU		Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	
Chloride	9.9	D	9.90	D	mg/L		0.3	20	
Fluoride	0.31	D	0.310	D	mg/L		0.4	20	
Sulfate	90	D	89.5	D	mg/L		0.3	20	

August 5, 2016

QC Association Summary

Client: CH2M Hill Plateau Remediation Company
 Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
 SDG: WC1246

HPLC/IC

Analysis Batch: 4837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3445-1	B35W21	Total/NA	Water	300.0	
300-3445-2	B35TM9	Total/NA	Water	300.0	
300-3445-3	B35TV7	Total/NA	Water	300.0	
300-3445-4	B35W20	Total/NA	Water	300.0	
300-3445-4	B35W20	Total/NA	Water	300.0	
300-3445-5	B35TY2	Total/NA	Water	300.0	
300-3445-5	B35TY2	Total/NA	Water	300.0	
300-3445-6	B35TW9	Total/NA	Water	300.0	
300-3445-6	B35TW9	Total/NA	Water	300.0	
300-3445-7	B35TX2	Total/NA	Water	300.0	
300-3445-8	B35V25	Total/NA	Water	300.0	
MB 300-4837/5	Method Blank	Total/NA	Water	300.0	
LCS 300-4837/6	Lab Control Sample	Total/NA	Water	300.0	
300-3445-2 MS	B35TM9	Total/NA	Water	300.0	
300-3445-2 DU	B35TM9	Total/NA	Water	300.0	

Analysis Batch: 4838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3445-1	B35W21	Total/NA	Water	300.0	
300-3445-2	B35TM9	Total/NA	Water	300.0	
300-3445-3	B35TV7	Total/NA	Water	300.0	
300-3445-4	B35W20	Total/NA	Water	300.0	
300-3445-4	B35W20	Total/NA	Water	300.0	
300-3445-5	B35TY2	Total/NA	Water	300.0	
300-3445-6	B35TW9	Total/NA	Water	300.0	
300-3445-7	B35TX2	Total/NA	Water	300.0	
300-3445-8	B35V25	Total/NA	Water	300.0	
MB 300-4838/5	Method Blank	Total/NA	Water	300.0	
LCS 300-4838/6	Lab Control Sample	Total/NA	Water	300.0	
300-3445-2 MS	B35TM9	Total/NA	Water	300.0	
300-3445-2 DU	B35TM9	Total/NA	Water	300.0	

August 5, 2016 Lab Chronicle

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35W21
Date Collected: 07/10/16 07:45
Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-1
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	300.0		2			4837	07/11/16 21:09	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 21:09	CPM	TAL RCH

Client Sample ID: B35TM9
Date Collected: 07/10/16 12:36
Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-2
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			4837	07/11/16 20:23	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 20:23	CPM	TAL RCH

Client Sample ID: B35TV7
Date Collected: 07/10/16 14:22
Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-3
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	300.0		2			4837	07/11/16 21:24	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 21:24	CPM	TAL RCH

Client Sample ID: B35W20
Date Collected: 07/10/16 13:40
Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-4
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	300.0		2			4837	07/11/16 21:39	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 21:39	CPM	TAL RCH
Total/NA	Analysis	300.0		50			4837	07/12/16 00:40	CPM	TAL RCH
Total/NA	Analysis	300.0		50			4838	07/12/16 00:40	CPM	TAL RCH

Client Sample ID: B35TY2
Date Collected: 07/10/16 14:02
Date Received: 07/11/16 14:50

Lab Sample ID: 300-3445-5
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		2			4837	07/11/16 21:54	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 21:54	CPM	TAL RCH
Total/NA	Analysis	300.0		10			4837	07/12/16 00:55	CPM	TAL RCH

August 5, 2016 Lab Chronicle

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: B35TW9

Lab Sample ID: 300-3445-6

Date Collected: 07/10/16 13:19

Matrix: Water

Date Received: 07/11/16 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			4837	07/11/16 22:09	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 22:09	CPM	TAL RCH
Total/NA	Analysis	300.0		10			4837	07/12/16 01:10	CPM	TAL RCH

Client Sample ID: B35TX2

Lab Sample ID: 300-3445-7

Date Collected: 07/10/16 12:29

Matrix: Water

Date Received: 07/11/16 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			4837	07/11/16 22:54	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 22:54	CPM	TAL RCH

Client Sample ID: B35V25

Lab Sample ID: 300-3445-8

Date Collected: 07/10/16 10:13

Matrix: Water

Date Received: 07/11/16 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			4837	07/11/16 23:09	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 23:09	CPM	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-4837/5

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			4837	07/11/16 19:53	CPM	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-4838/5

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			4838	07/11/16 19:53	CPM	TAL RCH

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-4837/6

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			4837	07/11/16 20:08	CPM	TAL RCH

TestAmerica Richland

August 5, 2016 Lab Chronicle

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-4838/6

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			4838	07/11/16 20:08	CPM	TAL RCH

Client Sample ID: B35TM9

Lab Sample ID: 300-3445-2 MS

Date Collected: 07/10/16 12:36

Matrix: Water

Date Received: 07/11/16 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			4837	07/11/16 20:39	CPM	TAL RCH
Total/NA	Analysis	300.0		2			4838	07/11/16 20:39	CPM	TAL RCH

Laboratory References:

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

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August 5, 2016

Method Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL RCH

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

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



August 5, 2016

Sample Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: S16-007

TestAmerica Job ID: 300-3445-1
SDG: WC1246

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-3445-1	B35W21	Water	07/10/16 07:45	07/11/16 14:50
300-3445-2	B35TM9	Water	07/10/16 12:36	07/11/16 14:50
300-3445-3	B35TV7	Water	07/10/16 14:22	07/11/16 14:50
300-3445-4	B35W20	Water	07/10/16 13:40	07/11/16 14:50
300-3445-5	B35TY2	Water	07/10/16 14:02	07/11/16 14:50
300-3445-6	B35TW9	Water	07/10/16 13:19	07/11/16 14:50
300-3445-7	B35TX2	Water	07/10/16 12:29	07/11/16 14:50
300-3445-8	B35V25	Water	07/10/16 10:13	07/11/16 14:50

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-3445-1

SDG Number: WC1246

Login Number: 3445

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	

