

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: 300-6965-1
TestAmerica Sample Delivery Group: WC2807
Client Project/Site: S18-004

For:
CH2M Hill Plateau Remediation Company
825 Jadwin Avenue
Richland, Washington 99352

Attn: CPP Sample Management



Authorized for release by:
4/10/2018 2:39:14 PM

Ashley Worthy, Project Manager I
(509)375-3131
ashley.worthy@testamericainc.com



LINKS

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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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Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

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.

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: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Job ID: 300-6965-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-6965-1**

Comments

No additional comments.

Receipt

The samples were received on 4/3/2018 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

HPLC/IC

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

General Chemistry

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

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CH2M Hill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C.# S18-004-282
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Collector: Larry Rosane ICHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 / 7	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HT80	N	W	APR 03 2018	1015	1x60-mL aG	7196_CR6: COMMON	24 Hours	Cool <=6C

6965
W2207



300-6965 COC

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Relinquished By: Larry Rosane <small>ICHPRC</small> <i>Larry Rosane</i> APR 03 2018 1015 <small>Print First and Last Name Signature Date/Time</small>	Received By: Michelle Esparza <small>ICHPRC</small> <i>Michelle Esparza</i> APR 03 2018 1015 <small>Print First and Last Name Signature Date/Time</small>	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By: Michelle Esparza <small>ICHPRC</small> <i>Michelle Esparza</i> APR 03 2018 1445 <small>Print First and Last Name Signature Date/Time</small>	Received By: B. Jorgenson, TARL <small>ICHPRC</small> <i>B. Jorgenson</i> APR 03 2018 1445 <small>Print First and Last Name Signature Date/Time</small>		
Relinquished By: <small>Print First and Last Name Signature Date/Time</small>	Received By: <small>Print First and Last Name Signature Date/Time</small>		
Relinquished By: <small>Print First and Last Name Signature Date/Time</small>	Received By: <small>Print First and Last Name Signature Date/Time</small>		
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.# S18-004-287 Page 1 of 1
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Collector: Larry Rosane /CHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 / 7	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HT91	N	W	APR 03 2018	1445	1x60-mL aG	7196_CR6: COMMON	24 Hours	Cool <=6C

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Relinquished By: Larry Rosane /CHPRC <i>Larry Rosane</i> Signature APR 03 2018 1015 Date/Time	Received By: Mike Esparza /CHPRC <i>Mike Esparza</i> Signature APR 03 2018 1015 Date/Time	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: Mike Esparza /CHPRC <i>Mike Esparza</i> Signature APR 03 2018 1445 Date/Time	Received By: B. Jorgenson, TARL /CHPRC <i>B. Jorgenson</i> Signature APR 03 2018 1445 Date/Time	
Relinquished By: _____ Signature _____ Date/Time	Received By: _____ Signature _____ Date/Time	
Relinquished By: _____ Signature _____ Date/Time	Received By: _____ Signature _____ Date/Time	
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.# S18-004-284
		Page 1 of 1

Collector: Larry Rosane /CHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 / 7	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HT85	N	W	APR 03 2018	1100	1x60-mL aG	7196_CR6: COMMON	24 Hours	Cool <=6C

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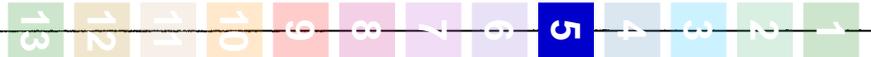
 6965
 WC2807

04/10/2018

Relinquished By: Larry Rosane /CHPRC <i>Larry Rosane</i> Print First and Last Name Signature Date/Time: APR 03 2018 ¹²⁴⁵	Received By: Mike Esparza /CHPRC <i>Mike Esparza</i> Print First and Last Name Signature Date/Time: APR 03 2018 ¹²⁴⁵	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: Mike Esparza /CHPRC <i>Mike Esparza</i> Print First and Last Name Signature Date/Time: APR 03 2018 ¹⁴⁴⁵	Received By: B. Jorgenson, TARL <i>B. Jorgenson</i> Print First and Last Name Signature Date/Time: APR 03 2018 ¹⁴⁴⁵	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
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.# S18-004-280
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Collector: Larry Rosane ICHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 / 17	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HT39	N	W	APR 03 2018	1330	1x60-mL aG	7196_CR6: COMMON	24 Hours	Cool <=6C

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W02807

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Relinquished By: Larry Rosane <small>ICHPRC</small> <i>Larry Rosane</i> APR 03 2018 1330 <small>Print First and Last Name Signature Date/Time</small>	Received By: Mike Esparza <small>ICHPRC</small> <i>Mike Esparza</i> APR 03 2018 1330 <small>Print First and Last Name Signature Date/Time</small>	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By: Mike Esparza <small>ICHPRC</small> <i>Mike Esparza</i> APR 03 2018 1445 <small>Print First and Last Name Signature Date/Time</small>	Received By: B. Jorgenson, TARL <small>ICHPRC</small> <i>B. Jorgenson</i> APR 03 2018 1445 <small>Print First and Last Name Signature Date/Time</small>		
Relinquished By: <small>Print First and Last Name Signature Date/Time</small>	Received By: <small>Print First and Last Name Signature Date/Time</small>		
Relinquished By: <small>Print First and Last Name Signature Date/Time</small>	Received By: <small>Print First and Last Name Signature Date/Time</small>		
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. # S18-004-277
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Collector: Larry Rosane ICHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 17	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HTM0	N	W	APR 03 2018	1200	1x60-mL aG	7196_CR6: COMMON	24 Hours	Cool <=6C

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Relinquished By: Larry Rosane <small>Print First and Last Name</small> <i>Larry Rosane</i> <small>Signature</small> APR 03 2018 <small>Date/Time</small>	Received By: Mike Esparza <small>Print First and Last Name</small> <i>Mike Esparza</i> <small>Signature</small> APR 03 2018 <small>Date/Time</small>	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: Mike Esparza <small>Print First and Last Name</small> <i>Mike Esparza</i> <small>Signature</small> APR 03 2018 <small>Date/Time</small>	Received By: B. Jorgenson, TARL <small>Print First and Last Name</small> <i>B. Jorgenson, TARL</i> <small>Signature</small> APR 03 2018 <small>Date/Time</small>	
Relinquished By: <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	Received By: <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	
Relinquished By: <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	Received By: <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	
FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process):		Disposed By: Date/Time:

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Collector: <u>Tim Callaway /CHPRC</u>	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 -99,23	Ice Chest No.: N/A
Shipped To (Lab): <u>TestAmerica Incorporated, Rich</u>	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HVJ2	N	W	APR 03 2018	1206	1x125-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

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Relinquished By: <u>Tim Callaway /CHPRC</u> <i>Tim Callaway</i> APR 03 2018 1210 Print First and Last Name Signature Date/Time	Received By: <u>Mike Esparza /CHPRC</u> <i>Mike Esparza</i> APR 03 2018 1210 Print First and Last Name Signature Date/Time	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: <u>Mike Esparza /CHPRC</u> <i>Mike Esparza</i> APR 03 2018 1445 Print First and Last Name Signature Date/Time	Received By: <u>B. Jorgenson, TARL</u> <i>B. Jorgenson</i> APR 03 2018 1445 Print First and Last Name Signature Date/Time	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
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.# S18-004-279
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Collector: Larry Rosane ICHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 17	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HTM5	N	W	APR 03 2018	1330	1x125-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

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le965
wsc2807

04/10/2018

Relinquished By: Larry Rosane <small>ICHPRC</small> Signature: <i>Larry Rosane</i> Date/Time: APR 03 2018 1330	Received By: Mike Esparza <small>ICHPRC</small> Signature: <i>Mike Esparza</i> Date/Time: APR 03 2018 1330	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: Mike Esparza <small>ICHPRC</small> Signature: <i>Mike Esparza</i> Date/Time: APR 03 2018 1445	Received By: B. Jorgenson, TARL <small>ICHPRC</small> Signature: <i>B. Jorgenson</i> Date/Time: APR 03 2018 1445	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
Relinquished By: Print First and Last Name Signature Date/Time	Received By: Print First and Last Name Signature Date/Time	
FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process):		Disposed By: Date/Time:

REV.0



CH2Mhill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C.# S18-004-283
		Page 1 of 1

Collector: Larry Rosane /CHPRC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S18-004	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: SURV, APRIL 2018	Logbook No.: HNF-N-506 100 / 17	Ice Chest No.: N/A
Shipped To (Lab): TestAmerica Incorporated, Rich	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARK ** ** 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
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HT84	N	W	APR 03 2018	1106	1x125-mL P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

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 W02807

04/10/2018

Relinquished By: <u>Larry Rosane</u> ¹²⁷⁵ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small> APR 03 2018	Received By: <u>Mike Esparza</u> ¹²⁴⁵ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small> APR 03 2018	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: <u>Mike Esparza</u> ¹¹⁴⁵ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small> APR 03 2018	Received By: <u>B. Jorgenson, TARL</u> ¹⁴⁴⁵ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small> APR 03 2018	
Relinquished By: _____ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	Received By: _____ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	
Relinquished By: _____ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	Received By: _____ <small>Print First and Last Name</small> <small>Signature</small> <small>Date/Time</small>	
FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process): _____		Disposed By: _____ Date/Time: _____

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Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Client Sample ID: B3HT80

Lab Sample ID: 300-6965-1

No Detections.

Client Sample ID: B3HT91

Lab Sample ID: 300-6965-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.13		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B3HT85

Lab Sample ID: 300-6965-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.026		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B3HT39

Lab Sample ID: 300-6965-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.026		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B3HTM0

Lab Sample ID: 300-6965-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.050		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B3HVJ2

Lab Sample ID: 300-6965-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10	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	0.45	D	0.10	0.050	mg/L	2		300.0	Total/NA
Nitrite as N	0.068	B D	0.076	0.038	mg/L	2		300.0	Total/NA
Sulfate	32	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B3HTM5

Lab Sample ID: 300-6965-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	3.6	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.42	D	0.10	0.050	mg/L	2		300.0	Total/NA
Nitrite as N	0.065	B D	0.076	0.038	mg/L	2		300.0	Total/NA
Sulfate	24	D	0.50	0.25	mg/L	2		300.0	Total/NA

Client Sample ID: B3HT84

Lab Sample ID: 300-6965-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	6.3	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.36	D	0.10	0.050	mg/L	2		300.0	Total/NA
Nitrite as N	0.072	B D	0.076	0.038	mg/L	2		300.0	Total/NA
Sulfate	26	D	0.50	0.25	mg/L	2		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Client Sample ID: B3HT80

Lab Sample ID: 300-6965-1

Date Collected: 04/03/18 09:47

Matrix: Water

Date Received: 04/03/18 14:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			04/03/18 16:24	1

Client Sample ID: B3HT91

Lab Sample ID: 300-6965-2

Date Collected: 04/03/18 08:46

Matrix: Water

Date Received: 04/03/18 14:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.13		0.0040	0.0015	mg/L			04/03/18 16:25	1

Client Sample ID: B3HT85

Lab Sample ID: 300-6965-3

Date Collected: 04/03/18 11:06

Matrix: Water

Date Received: 04/03/18 14:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.026		0.0040	0.0015	mg/L			04/03/18 16:25	1

Client Sample ID: B3HT39

Lab Sample ID: 300-6965-4

Date Collected: 04/03/18 13:02

Matrix: Water

Date Received: 04/03/18 14:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.026		0.0040	0.0015	mg/L			04/03/18 16:25	1

Client Sample ID: B3HTM0

Lab Sample ID: 300-6965-5

Date Collected: 04/03/18 12:04

Matrix: Water

Date Received: 04/03/18 14:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.050		0.0040	0.0015	mg/L			04/03/18 16:26	1

Client Sample ID: B3HVJ2

Lab Sample ID: 300-6965-6

Date Collected: 04/03/18 12:06

Matrix: Water

Date Received: 04/03/18 14:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10	D	0.40	0.20	mg/L			04/03/18 20:13	2
Nitrate as N	10	D	0.056	0.028	mg/L			04/03/18 20:13	2
Fluoride	0.45	D	0.10	0.050	mg/L			04/03/18 20:13	2
Nitrite as N	0.068	B D	0.076	0.038	mg/L			04/03/18 20:13	2
Sulfate	32	D	0.50	0.25	mg/L			04/03/18 20:13	2

Client: CH2M Hill Plateau Remediation Company
 Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
 SDG: WC2807

Client Sample ID: B3HTM5

Lab Sample ID: 300-6965-7

Date Collected: 04/03/18 13:02

Matrix: Water

Date Received: 04/03/18 14:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10	D	0.40	0.20	mg/L			04/03/18 19:57	2
Nitrate as N	3.6	D	0.056	0.028	mg/L			04/03/18 19:57	2
Fluoride	0.42	D	0.10	0.050	mg/L			04/03/18 19:57	2
Nitrite as N	0.065	B D	0.076	0.038	mg/L			04/03/18 19:57	2
Sulfate	24	D	0.50	0.25	mg/L			04/03/18 19:57	2

Client Sample ID: B3HT84

Lab Sample ID: 300-6965-8

Date Collected: 04/03/18 11:06

Matrix: Water

Date Received: 04/03/18 14:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10	D	0.40	0.20	mg/L			04/03/18 19:41	2
Nitrate as N	6.3	D	0.056	0.028	mg/L			04/03/18 19:41	2
Fluoride	0.36	D	0.10	0.050	mg/L			04/03/18 19:41	2
Nitrite as N	0.072	B D	0.076	0.038	mg/L			04/03/18 19:41	2
Sulfate	26	D	0.50	0.25	mg/L			04/03/18 19:41	2

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-10780/5
Matrix: Water
Analysis Batch: 10780

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			04/03/18 11:59	1
Nitrite as N	0.019	U	0.038	0.019	mg/L			04/03/18 11:59	1

Lab Sample ID: LCS 300-10780/6
Matrix: Water
Analysis Batch: 10780

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	2.44		mg/L		108	80 - 120
Nitrite as N	3.04	3.28		mg/L		108	80 - 120

Lab Sample ID: 300-6967-A-4 MS
Matrix: Water
Analysis Batch: 10780

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
Nitrate as N	5.1	D	0.452	5.45	D	mg/L		88	75 - 125
Nitrite as N	0.069	B D	0.609	0.544	D	mg/L		78	75 - 125

Lab Sample ID: 300-6967-A-4 DU
Matrix: Water
Analysis Batch: 10780

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	5.1	D	4.98	D	mg/L		1	20
Nitrite as N	0.069	B D	0.0653	B D	mg/L		6	20

Lab Sample ID: MB 300-10781/5
Matrix: Water
Analysis Batch: 10781

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			04/03/18 11:59	1
Fluoride	0.025	U	0.050	0.025	mg/L			04/03/18 11:59	1
Sulfate	0.13	U	0.25	0.13	mg/L			04/03/18 11:59	1

Lab Sample ID: LCS 300-10781/6
Matrix: Water
Analysis Batch: 10781

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	17.1		mg/L		107	80 - 120
Fluoride	4.00	4.29		mg/L		107	80 - 120
Sulfate	20.0	20.1		mg/L		100	80 - 120

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 300-6967-A-4 MS
Matrix: Water
Analysis Batch: 10781

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

Analyte	Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Chloride	16	D	3.20	18.6	D	mg/L		96	75 - 125
Fluoride	0.26	D	0.800	1.01	D	mg/L		94	75 - 125

Lab Sample ID: 300-6967-A-4 DU
Matrix: Water
Analysis Batch: 10781

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample		DU DU		Unit	D	RPD	RPD Limit
	Result	Qualifier	Result	Qualifier				
Chloride	16	D	15.4	D	mg/L		1	20
Fluoride	0.26	D	0.262	D	mg/L		0.5	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 300-10798/3
Matrix: Water
Analysis Batch: 10798

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			04/03/18 16:21	1

Lab Sample ID: LCS 300-10798/4
Matrix: Water
Analysis Batch: 10798

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	0.255		mg/L		102	80 - 120

Lab Sample ID: 300-6965-1 MS
Matrix: Water
Analysis Batch: 10798

Client Sample ID: B3HT80
Prep Type: Total/NA

Analyte	Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Cr (VI)	0.0015	U	0.0501	0.0543		mg/L		108	75 - 125

Lab Sample ID: 300-6965-1 DU
Matrix: Water
Analysis Batch: 10798

Client Sample ID: B3HT80
Prep Type: Total/NA

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

Client: CH2M Hill Plateau Remediation Company
 Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
 SDG: WC2807

HPLC/IC

Analysis Batch: 10780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-6965-6	B3HVJ2	Total/NA	Water	300.0	
300-6965-7	B3HTM5	Total/NA	Water	300.0	
300-6965-8	B3HT84	Total/NA	Water	300.0	
MB 300-10780/5	Method Blank	Total/NA	Water	300.0	
LCS 300-10780/6	Lab Control Sample	Total/NA	Water	300.0	
300-6967-A-4 MS	Matrix Spike	Total/NA	Water	300.0	
300-6967-A-4 DU	Duplicate	Total/NA	Water	300.0	

Analysis Batch: 10781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-6965-6	B3HVJ2	Total/NA	Water	300.0	
300-6965-7	B3HTM5	Total/NA	Water	300.0	
300-6965-8	B3HT84	Total/NA	Water	300.0	
MB 300-10781/5	Method Blank	Total/NA	Water	300.0	
LCS 300-10781/6	Lab Control Sample	Total/NA	Water	300.0	
300-6967-A-4 MS	Matrix Spike	Total/NA	Water	300.0	
300-6967-A-4 DU	Duplicate	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 10798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-6965-1	B3HT80	Total/NA	Water	7196A	
300-6965-2	B3HT91	Total/NA	Water	7196A	
300-6965-3	B3HT85	Total/NA	Water	7196A	
300-6965-4	B3HT39	Total/NA	Water	7196A	
300-6965-5	B3HTM0	Total/NA	Water	7196A	
MB 300-10798/3	Method Blank	Total/NA	Water	7196A	
LCS 300-10798/4	Lab Control Sample	Total/NA	Water	7196A	
300-6965-1 MS	B3HT80	Total/NA	Water	7196A	
300-6965-1 DU	B3HT80	Total/NA	Water	7196A	

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Client Sample ID: B3HT80
Date Collected: 04/03/18 09:47
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-1
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			10798	04/03/18 16:24	TRH	TAL RCH

Client Sample ID: B3HT91
Date Collected: 04/03/18 08:46
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-2
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			10798	04/03/18 16:25	TRH	TAL RCH

Client Sample ID: B3HT85
Date Collected: 04/03/18 11:06
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-3
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			10798	04/03/18 16:25	TRH	TAL RCH

Client Sample ID: B3HT39
Date Collected: 04/03/18 13:02
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-4
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			10798	04/03/18 16:25	TRH	TAL RCH

Client Sample ID: B3HTM0
Date Collected: 04/03/18 12:04
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-5
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	7196A		1			10798	04/03/18 16:26	TRH	TAL RCH

Client Sample ID: B3HVJ2
Date Collected: 04/03/18 12:06
Date Received: 04/03/18 14:45

Lab Sample ID: 300-6965-6
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		2			10780	04/03/18 20:13	RTQ	TAL RCH
Total/NA	Analysis	300.0		2			10781	04/03/18 20:13	RTQ	TAL RCH

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Client Sample ID: B3HTM5

Lab Sample ID: 300-6965-7

Date Collected: 04/03/18 13:02

Matrix: Water

Date Received: 04/03/18 14:45

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			10780	04/03/18 19:57	RTQ	TAL RCH
Total/NA	Analysis	300.0		2			10781	04/03/18 19:57	RTQ	TAL RCH

Client Sample ID: B3HT84

Lab Sample ID: 300-6965-8

Date Collected: 04/03/18 11:06

Matrix: Water

Date Received: 04/03/18 14:45

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			10780	04/03/18 19:41	RTQ	TAL RCH
Total/NA	Analysis	300.0		2			10781	04/03/18 19:41	RTQ	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-10780/5

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			10780	04/03/18 11:59	RTQ	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-10781/5

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			10781	04/03/18 11:59	RTQ	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-10798/3

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			10798	04/03/18 16:21	TRH	TAL RCH

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-10780/6

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			10780	04/03/18 12:15	RTQ	TAL RCH

Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-10781/6

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			10781	04/03/18 12:15	RTQ	TAL RCH

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 300-10798/4

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			10798	04/03/18 16:21	TRH	TAL RCH

Client Sample ID: B3HT80

Lab Sample ID: 300-6965-1 MS

Date Collected: 04/03/18 09:47

Matrix: Water

Date Received: 04/03/18 14:45

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			10798	04/03/18 16:21	TRH	TAL RCH

Client Sample ID: Matrix Spike

Lab Sample ID: 300-6967-A-4 MS

Date Collected: 04/03/18 14:36

Matrix: Water

Date Received: 04/03/18 14:55

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			10780	04/03/18 17:00	RTQ	TAL RCH
Total/NA	Analysis	300.0		2			10781	04/03/18 17:00	RTQ	TAL RCH

Client Sample ID: B3HT80

Lab Sample ID: 300-6965-1 DU

Date Collected: 04/03/18 09:47

Matrix: Water

Date Received: 04/03/18 14:45

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			10798	04/03/18 16:24	TRH	TAL RCH

Client Sample ID: Duplicate

Lab Sample ID: 300-6967-A-4 DU

Date Collected: 04/03/18 14:36

Matrix: Water

Date Received: 04/03/18 14:55

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			10780	04/03/18 17:16	RTQ	TAL RCH
Total/NA	Analysis	300.0		2			10781	04/03/18 17:16	RTQ	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: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

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

Protocol References:

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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



Client: CH2M Hill Plateau Remediation Company
Project/Site: S18-004

TestAmerica Job ID: 300-6965-1
SDG: WC2807

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-6965-1	B3HT80	Water	04/03/18 09:47	04/03/18 14:45
300-6965-2	B3HT91	Water	04/03/18 08:46	04/03/18 14:45
300-6965-3	B3HT85	Water	04/03/18 11:06	04/03/18 14:45
300-6965-4	B3HT39	Water	04/03/18 13:02	04/03/18 14:45
300-6965-5	B3HTM0	Water	04/03/18 12:04	04/03/18 14:45
300-6965-6	B3HVJ2	Water	04/03/18 12:06	04/03/18 14:45
300-6965-7	B3HTM5	Water	04/03/18 13:02	04/03/18 14:45
300-6965-8	B3HT84	Water	04/03/18 11:06	04/03/18 14:45

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

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-6965-1

SDG Number: WC2807

Login Number: 6965

List Number: 1

Creator: Jorgenson, Briana F

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.	N/A	
Sample Preservation Verified.	N/A	
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	

