

July 08, 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: 300-3296-1

TestAmerica Sample Delivery Group: WC1176

Client Project/Site: W16-006

For:

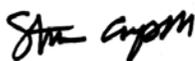
CH2M Hill Plateau Remediation Company

PO BOX 1600

Mail Stop R3-50

Richland, Washington 99352

Attn: CPP Sample Management



Authorized for release by:

7/8/2016 8:13:44 AM

Steven Campbell, Project Mgmt. Assistant

steven.campbell@testamericainc.com

Designee for

Whitney Ritari, Project Manager I

(509)375-3131 ext164

whitney.ritari@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?

Ask
The
Expert

Visit us at:

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



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Chain of Custody	5
Detection Summary	7
Client Sample Results	8
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Method Summary	14
Sample Summary	15
Receipt Checklists	16

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)

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Job ID: 300-3296-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-3296-1**

Comments

No additional comments.

Receipt

The samples were received on 6/16/2016 2:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.4° C.

HPLC/IC

Method 300.0: Manual integration was performed on the following sample for Sulfate: B357M2 (300-3296-1).

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

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

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **W16-006-067**
Page 1 of 1

Collector Dan Wochle CHPRC	Contact/Requester Karen Waters-Husted	Telephone No. 509-376-4650
SAF No. W16-006	Sampling Origin Hanford Site	Purchase Order/Charge Code 300071
Project Title RCRA, JUNE 2016	Logbook No. HNF-N-506 <u>86 / 31</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 RCRA	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

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B357M2	N	W	6-16-16	1151	1X500-ml P	300.0 ANIONS, JC: COMMON	48 Hours	Cool <=6C

July 08, 2016

3294
WCE11110

300-3296 COC



Relinquished By Dan Wochle CHPRC	Print Dan Wochle	Sign Dan Wochle	Date/Time JUN 16 2016 1255	Received By Troy Bacon CHPRC	Print Troy Bacon	Sign Troy Bacon	Date/Time JUN 16 2016 1255
Relinquished By Troy Bacon CHPRC	Print Troy Bacon	Sign Troy Bacon	Date/Time JUN 16 2016 1450	Received By J. Bock, TARL	Print J. Bock, TARL	Sign J. Bock, TARL	Date/Time JUN 16 2016 1450

- Matrix *
- S = Soil
 - SE = Sediment
 - SO = Solid
 - SL = Sludge
 - W = Water
 - O = Oil
 - A = Air
 - DS = Drum Solids
 - DL = Drum Liquids
 - T = Tissue
 - WI = Wipe
 - L = Liquid
 - V = Vegetation
 - X = Other

Collector	Dan Woesche CHPRC		Contract/Requester	Karen Waters-Husted		Telephone No.	509-376-4650	
SAF No.	W16-006		Sampling Origin	Hanford Site		Purchase Order/Charge Code	300071	
Project Title	RCRA, JUNE 2016		Logbook No.	HNF-N-506 <u>86/31</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	RCRA		Priority:	30 Days		Offsite Property No.	N/A	
POSSIBLE SAMPLE HAZARDS/REMARKS			SPECIAL INSTRUCTIONS			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
*** 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.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B357N3	N	W	6/16/16	1112	1x500-mL P	300.0_ANIONS_IC:COMMON	48 Hours	Cool <=6C

July 08, 2016
 ↓ 3294
 usec1116

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
Dan Woesche CHPRC	<i>[Signature]</i>	<i>[Signature]</i>	JUN 16 2016 1255	Troy Bacon CHPRC	<i>[Signature]</i>	<i>[Signature]</i>	JUN 16 2016 1255	S = Soil SE = Sediment SO = Solid 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 WT = Wipe L = Liquid V = Vegetation X = Other
Troy Bacon CHPRC	<i>[Signature]</i>	<i>[Signature]</i>	JUN 16 2016 1450	J. Boek, TARL	<i>[Signature]</i>	<i>[Signature]</i>	JUN 16 2016 1450	
Relinquished By			Date/Time	Received By			Date/Time	

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

July 08, 2016
Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Client Sample ID: B357M2

Lab Sample ID: 300-3296-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	15	D	0.56	0.28	mg/L	20		300.0	Total/NA
Fluoride	0.19	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	140	D	5.0	2.5	mg/L	20		300.0	Total/NA

Client Sample ID: B357N3

Lab Sample ID: 300-3296-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	42	D	0.40	0.20	mg/L	2		300.0	Total/NA
Nitrate as N	9.0	D	0.056	0.028	mg/L	2		300.0	Total/NA
Fluoride	0.20	D	0.10	0.050	mg/L	2		300.0	Total/NA
Sulfate	210	D	5.0	2.5	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Richland

July 08, 2016
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Client Sample ID: B357M2

Lab Sample ID: 300-3296-1

Date Collected: 06/16/16 11:51

Matrix: Water

Date Received: 06/16/16 14:50

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24	D	0.40	0.20	mg/L			06/16/16 17:07	2
Nitrate as N	15	D	0.56	0.28	mg/L			06/16/16 18:52	20
Fluoride	0.19	D	0.10	0.050	mg/L			06/16/16 17:07	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			06/16/16 17:07	2
Sulfate	140	D	5.0	2.5	mg/L			06/16/16 18:52	20

Client Sample ID: B357N3

Lab Sample ID: 300-3296-2

Date Collected: 06/16/16 11:12

Matrix: Water

Date Received: 06/16/16 14:50

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42	D	0.40	0.20	mg/L			06/16/16 17:52	2
Nitrate as N	9.0	D	0.056	0.028	mg/L			06/16/16 17:52	2
Fluoride	0.20	D	0.10	0.050	mg/L			06/16/16 17:52	2
Nitrite as N	0.038	U D	0.076	0.038	mg/L			06/16/16 17:52	2
Sulfate	210	D	5.0	2.5	mg/L			06/16/16 19:38	20

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-4567/5
Matrix: Water
Analysis Batch: 4567

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			06/16/16 16:37	1
Nitrite as N	0.019	U	0.038	0.019	mg/L			06/16/16 16:37	1

Lab Sample ID: LCS 300-4567/6
Matrix: Water
Analysis Batch: 4567

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	2.28		mg/L		101	80 - 120
Nitrite as N	3.04	3.10		mg/L		102	80 - 120

Lab Sample ID: 300-3296-1 MS
Matrix: Water
Analysis Batch: 4567

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.038	U D	0.609	0.526	D	mg/L		86	75 - 125

Lab Sample ID: 300-3296-1 MS
Matrix: Water
Analysis Batch: 4567

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	15	D	4.52	19.6	D	mg/L		97	75 - 125

Lab Sample ID: 300-3296-1 DU
Matrix: Water
Analysis Batch: 4567

Client Sample ID: B357M2
Prep Type: Total/NA

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

Lab Sample ID: 300-3296-1 DU
Matrix: Water
Analysis Batch: 4567

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	15	D	15.1	D	mg/L		1	20

Lab Sample ID: MB 300-4568/5
Matrix: Water
Analysis Batch: 4568

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			06/16/16 16:37	1
Fluoride	0.025	U	0.050	0.025	mg/L			06/16/16 16:37	1
Sulfate	0.13	U	0.25	0.13	mg/L			06/16/16 16:37	1

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 300-4568/6
Matrix: Water
Analysis Batch: 4568

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	15.9		mg/L		100	80 - 120
Fluoride	4.00	3.99		mg/L		100	80 - 120
Sulfate	20.0	20.0		mg/L		100	80 - 120

Lab Sample ID: 300-3296-1 MS
Matrix: Water
Analysis Batch: 4568

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	24	D	3.20	26.7	D	mg/L		91	75 - 125
Fluoride	0.19	D	0.800	0.925	D	mg/L		92	75 - 125

Lab Sample ID: 300-3296-1 MS
Matrix: Water
Analysis Batch: 4568

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	140	D	40.0	181	D	mg/L		96	75 - 125

Lab Sample ID: 300-3296-1 DU
Matrix: Water
Analysis Batch: 4568

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	24	D	23.6	D	mg/L		0.8	20
Fluoride	0.19	D	0.188	D	mg/L		1	20

Lab Sample ID: 300-3296-1 DU
Matrix: Water
Analysis Batch: 4568

Client Sample ID: B357M2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	140	D	141	D	mg/L		1	20

July 08, 2016
QC Association Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

HPLC/IC

Analysis Batch: 4567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3296-1	B357M2	Total/NA	Water	300.0	
300-3296-1	B357M2	Total/NA	Water	300.0	
300-3296-1 DU	B357M2	Total/NA	Water	300.0	
300-3296-1 DU	B357M2	Total/NA	Water	300.0	
300-3296-1 MS	B357M2	Total/NA	Water	300.0	
300-3296-1 MS	B357M2	Total/NA	Water	300.0	
300-3296-2	B357N3	Total/NA	Water	300.0	
LCS 300-4567/6	Lab Control Sample	Total/NA	Water	300.0	
MB 300-4567/5	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 4568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3296-1	B357M2	Total/NA	Water	300.0	
300-3296-1	B357M2	Total/NA	Water	300.0	
300-3296-1 DU	B357M2	Total/NA	Water	300.0	
300-3296-1 DU	B357M2	Total/NA	Water	300.0	
300-3296-1 MS	B357M2	Total/NA	Water	300.0	
300-3296-1 MS	B357M2	Total/NA	Water	300.0	
300-3296-2	B357N3	Total/NA	Water	300.0	
300-3296-2	B357N3	Total/NA	Water	300.0	
LCS 300-4568/6	Lab Control Sample	Total/NA	Water	300.0	
MB 300-4568/5	Method Blank	Total/NA	Water	300.0	

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Client Sample ID: B357M2

Date Collected: 06/16/16 11:51

Date Received: 06/16/16 14:50

Lab Sample ID: 300-3296-1

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	10 mL		4567	06/16/16 17:07	CPM	TAL RCH
Total/NA	Analysis	300.0		2	10 mL		4568	06/16/16 17:07	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4567	06/16/16 18:52	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4568	06/16/16 18:52	CPM	TAL RCH

Client Sample ID: B357N3

Date Collected: 06/16/16 11:12

Date Received: 06/16/16 14:50

Lab Sample ID: 300-3296-2

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	10 mL		4567	06/16/16 17:52	CPM	TAL RCH
Total/NA	Analysis	300.0		2	10 mL		4568	06/16/16 17:52	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4568	06/16/16 19:38	CPM	TAL RCH

Client Sample ID: B357M2

Date Collected: 06/16/16 11:51

Date Received: 06/16/16 14:50

Lab Sample ID: 300-3296-1 DU

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2	10 mL		4567	06/16/16 17:37	CPM	TAL RCH
Total/NA	Analysis	300.0		2	10 mL		4568	06/16/16 17:37	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4567	06/16/16 19:22	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4568	06/16/16 19:22	CPM	TAL RCH

Client Sample ID: Lab Control Sample

Date Collected: N/A

Date Received: N/A

Lab Sample ID: LCS 300-4567/6

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	10 mL		4567	06/16/16 16:52	CPM	TAL RCH

Client Sample ID: Lab Control Sample

Date Collected: N/A

Date Received: N/A

Lab Sample ID: LCS 300-4568/6

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	10 mL		4568	06/16/16 16:52	CPM	TAL RCH

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Client Sample ID: Method Blank

Lab Sample ID: MB 300-4567/5

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	10 mL		4567	06/16/16 16:37	CPM	TAL RCH

Client Sample ID: Method Blank

Lab Sample ID: MB 300-4568/5

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	10 mL		4568	06/16/16 16:37	CPM	TAL RCH

Client Sample ID: B357M2

Lab Sample ID: 300-3296-1 MS

Date Collected: 06/16/16 11:51

Matrix: Water

Date Received: 06/16/16 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	10 mL		4567	06/16/16 17:22	CPM	TAL RCH
Total/NA	Analysis	300.0		2	10 mL		4568	06/16/16 17:22	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4567	06/16/16 19:07	CPM	TAL RCH
Total/NA	Analysis	300.0		20	10 mL		4568	06/16/16 19:07	CPM	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: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

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



July 08, 2016
Sample Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: W16-006

TestAmerica Job ID: 300-3296-1
SDG: WC1176

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-3296-1	B357M2	Water	06/16/16 11:51	06/16/16 14:50
300-3296-2	B357N3	Water	06/16/16 11:12	06/16/16 14:50

- 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: 300-3296-1

SDG Number: WC1176

Login Number: 3296

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	

