

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: 300-1529-1
TestAmerica Sample Delivery Group: WC0610
Client Project/Site: X15-066

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

Attn: CPP Sample Management



Authorized for release by:
12/7/2015 3:45:44 PM
Steven Campbell, Quality Assurance Assistant
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Designee for
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I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed in this package. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the attached signature.

The laboratory is accredited to EPA 7196A in Solid and Chemical Materials, per Washington State Department of Ecology this is approved for non-discharge water samples. The sample/ sample duplicate RPD agreement is not applicable if one or both results are elss than five times the MDL.



LINKS

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Qualifiers**HPLC/IC**

Qualifier	Qualifier Description
D	The reported value is from a dilution.
N	MS, MSD: Spike recovery is outside acceptance limits.
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, 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: X15-066

TestAmerica Job ID: 300-1529-1
SDG: WC0610

Job ID: 300-1529-1

Laboratory: TestAmerica Richland

Narrative

**Job Narrative
300-1529-1**

Comments

No additional comments.

Receipt

The samples were received on 11/16/2015 11:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 14.3° C.

HPLC/IC

Method 300.0: The matrix spike (MS) recoveries for analytical batch 300-2026 were outside control limits for Orthophosphate as P. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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



CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

X15-066-008

Page 1 of 1

Collector	S.W. King/CHRC	Contact/Requester	WHITLEY, KM	Telephone No.	373-4929		
SAF No.	X15-066	Sampling Origin	HANFORD SITE	Purchase Order/Charge Code	300205		
Project Title	Uranium Sequestration - Day 10	Logbook No.	HNF-N-506 81 / 38	Ice Chest No.	N/A		
Shipped To (Lab)	Test/America Incorporated, Richland	Method of Shipment	GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.	N/A		
Protocol	CERCLA	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 CER/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.			Hold Time				
			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Sample No.	Filter	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B33045	N	NOV 16 2015	1013	1x500-mL P	300.0_ANIONS_IC: GW 01	48 Hours	Cool <=-6C

1529
WCO610

300-1529 COC



December 07 2015

Reinquished By	Print S.W. King/CHRC	Signature <i>[Signature]</i>	Date/Time	NOV 16 2015 1557	Received By	Print L.D. Wall CHPRC	Signature <i>[Signature]</i>	Date/Time	NOV 16 2015 1057	Matrix *
Reinquished By	LD Wall CHPRC	Signature <i>[Signature]</i>	Date/Time	NOV 16 2015 1110	Received By	J. Piesz, TARL	Signature <i>[Signature]</i>	Date/Time	NOV 16 2015 1110	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solids DL = Drum Liquids T = Tissue WT = Wipe L = Liquid V = Vegetation X = Other
Reinquished 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
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CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

X15-066-012

Page 1 of 1

Collector	J.R. Aguilar/CHPRC	Contact/Requester	WHITLEY, KM	Telephone No.	373-4929
SAF No.	X15-066	Sampling Origin	HANFORD SITE	Purchase Order/Charge Code	300205
Project Title	Uranium Sequestration - Day 10	Logbook No.	HNF-N-506 8U / 3I	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	CERCLA	Priority:	30 Days	Offsite Property No.	N/A
POSSIBLE SAMPLE HAZARDS/REMARKS			SPECIAL INSTRUCTIONS		
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 438.1.			Hold Time		
			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sample No.	Filter	Date	Time	No/Type Container	Sample Analysis
B33061	N	11-16-15	0952	1x500-mL P	300_0_ANIONS_IC: GW 01
					Holding Time
					48 Hours
					Preservative
					Cool <=6C

#1529
WED 11/16/15

December 07 2015

Reinquished By	J.R. Aguilar/CHPRC	Print	Sign	NOV 16 2015	Date/Time	1050	Received By	L.D. Wall	Print	Sign	NOV 16 2015	Date/Time	1050	Matrix *
Reinquished By	L.D. Wall	Print	Sign	NOV 16 2015	Date/Time	1110	Received By	J. Friesz, TARL	Print	Sign	NOV 16 2015	Date/Time	1110	S = Soil
Reinquished By	CHPRC	Print	Sign	NOV 16 2015	Date/Time	1110	Received By		Print	Sign	NOV 16 2015	Date/Time	1110	SE = Sediment
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		SO = Solid
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		SL = Sludge
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		W = Water
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		O = Oil
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		A = Air
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		DS = Drum Solids
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		DL = Drum Liquids
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		T = Tissue
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		WI = Wipe
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		L = Liquid
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		V = Vegetation
Reinquished By		Print	Sign		Date/Time		Received By		Print	Sign		Date/Time		X = Other

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. #
X15-066-014
Page 1 of 1

Collector	S.W. King/CHRR	Contact/Requester	WHITLEY, KM	Telephone No.	373-4929
SAF No.	X15-066	Sampling Origin	HANFORD SITE	Purchase Order/Charge Code	300205
Project Title	Uranium Sequestration - Day 10	Logbook No.	HNF-N-50681/38	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	CERCLA	Priority:	30 Days	Offsite Property No.	N/A
POSSIBLE SAMPLE HAZARDS/REMARKS			SPECIAL INSTRUCTIONS		
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.			Hold Time		
			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B33069	N		NOV 16 2015	0925	1x500-mL P	300.0_ANIONS_IC: GW/01	48 Hours	Cool <=6C

1529
W 20410

December 07 2015

Relinquished By	S.W. King/CHRR	Print	Signature	Date/Time	NOV 16 2015 1057	Received By	L.D. Wall	Print	Signature	Date/Time	NOV 16 2015 1057
Relinquished By	L.D. Wall	Signature	Signature	Date/Time	NOV 16 2015 1110	Received By	J. Friesz, TARR	Signature	Signature	Date/Time	NOV 16 2015 1110
Relinquished By	CHPRC	Signature	Signature	Date/Time		Received By		Signature	Signature	Date/Time	

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

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. #

X15-066-013

Page 1 of 1

Collector	J.R. Aguilar/CHRG	Contact/Requester	WHITLEY, KM	Telephone No.	373-4929
SAF No.	X15-066	Sampling Origin	HANFORD SITE	Purchase Order/Charge Code	300205
Project Title	Uranium Sequestration - Day 10	Logbook No.	HNF-N-506 8U / 3/	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	CERCLA	Priority:	30 Days	Offsite Property No.	N/A
POSSIBLE SAMPLE HAZARDS/REMARKS			SPECIAL INSTRUCTIONS		
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 438.1.			Hold Time		
			Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sample No.	Filter	Date	Time	No/Type Container	Sample Analysis
B33065	N	11-16-15	1027	1x500-mL P	300.0_ANIONS_IC: GW 01
					Holding Time
					48 Hours
					Preservative
					Cool <=6C

1529
W20610

December 07 2015

Relinquished By	J.R. Aguilar/CHRG	Sign	Date/Time	NOV 16 2015	1050	Received By	L.D. Walk	Sign	Date/Time	NOV 16 2015	1050
Relinquished By	L.D. Walk	Sign	Date/Time	NOV 16 2015	1110	Received By	J. Fiesz, TAPL	Sign	Date/Time	NOV 16 2015	1110
Relinquished By		Sign	Date/Time			Received By		Sign	Date/Time		

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

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

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
 SDG: WC0610

Client Sample ID: B33045

Lab Sample ID: 300-1529-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Orthophosphate as P	0.88	D N	0.16	0.082	mg/L	2		300.0	Total/NA

Client Sample ID: B33061

Lab Sample ID: 300-1529-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Orthophosphate as P	92	D N	0.82	0.41	mg/L	10		300.0	Total/NA

Client Sample ID: B33069

Lab Sample ID: 300-1529-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Orthophosphate as P	100	D N	0.82	0.41	mg/L	10		300.0	Total/NA

Client Sample ID: B33065

Lab Sample ID: 300-1529-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Orthophosphate as P	250	D N	4.1	2.1	mg/L	50		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
 SDG: WC0610

Client Sample ID: B33045
Date Collected: 11/16/15 10:18
Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	0.88	D N	0.16	0.082	mg/L			11/17/15 12:50	2

Client Sample ID: B33061
Date Collected: 11/16/15 09:52
Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	92	D N	0.82	0.41	mg/L			11/17/15 14:54	10

Client Sample ID: B33069
Date Collected: 11/16/15 09:25
Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-3
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	100	D N	0.82	0.41	mg/L			11/17/15 15:09	10

Client Sample ID: B33065
Date Collected: 11/16/15 10:27
Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-4
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	250	D N	4.1	2.1	mg/L			11/17/15 15:24	50

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 300-2026/5
Matrix: Water
Analysis Batch: 2026

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	0.041	U	0.082	0.041	mg/L	-		11/17/15 12:20	1

Lab Sample ID: LCS 300-2026/6
Matrix: Water
Analysis Batch: 2026

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	6.53	6.87		mg/L	-	105	80 - 120

Lab Sample ID: 300-1529-1 MS
Matrix: Water
Analysis Batch: 2026

Client Sample ID: B33045
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as P	0.88	D N	1.31	1.07	D N	mg/L	-	15	75 - 125

Lab Sample ID: 300-1529-1 DU
Matrix: Water
Analysis Batch: 2026

Client Sample ID: B33045
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Orthophosphate as P	0.88	D N	0.889	D	mg/L	-	1	20

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
 SDG: WC0610

HPLC/IC

Analysis Batch: 2026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-1529-1	B33045	Total/NA	Water	300.0	
300-1529-1 DU	B33045	Total/NA	Water	300.0	
300-1529-1 MS	B33045	Total/NA	Water	300.0	
300-1529-2	B33061	Total/NA	Water	300.0	
300-1529-3	B33069	Total/NA	Water	300.0	
300-1529-4	B33065	Total/NA	Water	300.0	
LCS 300-2026/6	Lab Control Sample	Total/NA	Water	300.0	
MB 300-2026/5	Method Blank	Total/NA	Water	300.0	

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Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
 SDG: WC0610

Client Sample ID: B33045

Date Collected: 11/16/15 10:18

Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-1

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		2026	11/17/15 12:50	CPM	TAL RCH

Client Sample ID: B33061

Date Collected: 11/16/15 09:52

Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-2

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		10	10 mL		2026	11/17/15 14:54	CPM	TAL RCH

Client Sample ID: B33069

Date Collected: 11/16/15 09:25

Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-3

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		10	10 mL		2026	11/17/15 15:09	CPM	TAL RCH

Client Sample ID: B33065

Date Collected: 11/16/15 10:27

Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-4

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		50	10 mL		2026	11/17/15 15:24	CPM	TAL RCH

Client Sample ID: B33045

Date Collected: 11/16/15 10:18

Date Received: 11/16/15 11:10

Lab Sample ID: 300-1529-1 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		2026	11/17/15 13:20	CPM	TAL RCH

Client Sample ID: Lab Control Sample

Date Collected: N/A

Date Received: N/A

Lab Sample ID: LCS 300-2026/6

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		2026	11/17/15 12:35	CPM	TAL RCH

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
 SDG: WC0610

Client Sample ID: Method Blank

Lab Sample ID: MB 300-2026/5

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		2026	11/17/15 12:20	CPM	TAL RCH

Client Sample ID: B33045

Lab Sample ID: 300-1529-1 MS

Date Collected: 11/16/15 10:18

Matrix: Water

Date Received: 11/16/15 11:10

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		2026	11/17/15 13:05	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: X15-066

TestAmerica Job ID: 300-1529-1
SDG: WC0610

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



Sample Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-066

TestAmerica Job ID: 300-1529-1
SDG: WC0610

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-1529-1	B33045	Water	11/16/15 10:18	11/16/15 11:10
300-1529-2	B33061	Water	11/16/15 09:52	11/16/15 11:10
300-1529-3	B33069	Water	11/16/15 09:25	11/16/15 11:10
300-1529-4	B33065	Water	11/16/15 10:27	11/16/15 11:10

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Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 300-1529-1

SDG Number: WC0610

Login Number: 1529

List Number: 1

Creator: Bock, Julie A

List Source: TestAmerica Richland

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
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.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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.	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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	