

July 13, 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: 300-3394-1  
TestAmerica Sample Delivery Group: WC1219  
Client Project/Site: F11-002

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

Attn: CPP Sample Management



Authorized for release by:  
7/13/2016 12:00:08 PM  
Steven Campbell, Project Mgmt. Assistant  
[steven.campbell@testamericainc.com](mailto:steven.campbell@testamericainc.com)

Designee for  
Whitney Ritari, Project Manager I  
(509)375-3131 ext164  
[whitney.ritari@testamericainc.com](mailto:whitney.ritari@testamericainc.com)

*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

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Chain of Custody . . . . .	5
Detection Summary . . . . .	8
Client Sample Results . . . . .	9
QC Sample Results . . . . .	10
QC Association Summary . . . . .	11
Lab Chronicle . . . . .	12
Method Summary . . . . .	14
Sample Summary . . . . .	15
Receipt Checklists . . . . .	16

Definitions/Glossary

Client: CH2M Hill Plateau Remediation Company  
 Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
 SDG: WC1219

Qualifiers

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.
□	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)



July 13, 2016

## Case Narrative

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

---

**Job ID: 300-3394-1**

---

**Laboratory: TestAmerica Richland**

### Narrative

---

**Job Narrative**  
**300-3394-1**

### Comments

No additional comments.

### Receipt

The samples were received on 6/30/2016 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

### General Chemistry

No analytical or quality issues were noted, other than those described 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		F11-002-135	PAGE 1 OF 1
COLLECTOR Barb Briggs ACHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE 7H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION Influent Point 13084-001	PROJECT DESIGNATION 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water	FIELD LOGBOOK NO. 145F-N-566/38	ACTUAL SAMPLE DEPTH 2 (ft)	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO.	COA 302891	BILL OF LADING/AIR BILL NO.		
SHIPPED TO TesaAmerica Incorporated, Richland					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	PRESERVATION		HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SPECIAL HANDLING AND/OR STORAGE	REMARKS
				COOL	TEMP						
B35X34	WATER	JUN 29 2016	1500			24 Hours	ag	1	60ml		*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

#3394  
WCE1219



CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM Barb Briggs ACHPRC	DATE/TIME JUN 29 2016 1500	RECEIVED BY/STORED IN 550 #1	DATE/TIME JUN 29 2016 1500		
RELINQUISHED BY/REMOVED FROM 550 #1	DATE/TIME JUN 30 2016 0130	RECEIVED BY/STORED IN Frank Hill ACHPRC	DATE/TIME JUN 30 2016 0130		
RELINQUISHED BY/REMOVED FROM Frank Hill ACHPRC	DATE/TIME JUN 30 2016	RECEIVED BY/STORED IN L Anderson, IARL	DATE/TIME JUN 30 2016 0935		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	



CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F11-002-138	PAGE 1 OF 1
COLLECTOR <b>Sarb Briggs fchprc</b>	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE 7H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION Effluent Point 13085-001	PROJECT DESIGNATION 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water.	FIELD LOGBOOK NO. <i>100-KR-4-50686/38</i>	ACTUAL SAMPLE DEPTH <i>N/A</i>	SAF NO. F11-002	<input type="checkbox"/> ORIGINAL
ICE CHEST NO.	OFFSITE PROPERTY NO.	COA 302891	BILL OF LADING/AIR BILL NO.	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO TestAmerica Incorporated, Richland					

MATRIX* A=Air DL=Drum L=Liquids DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION	Cool <=6C
		HOLDING TIME	24 Hours
		TYPE OF CONTAINER	ag
		NO. OF CONTAINER(S)	1
	SPECIAL HANDLING AND/OR STORAGE N/A	SAMPLE ANALYSIS	796, CR6: COMMON;
SAMPLE NO. B35X37	MATRIX* WATER	SAMPLE DATE JUN 29 2016	SAMPLE TIME 1500

#33914  
WCL1219

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM <i>Sarb Briggs</i>	DATE/TIME JUN 29 2016	RECEIVED BY/STORED IN <i>550 #1</i>	DATE/TIME JUN 29 2016		
RELINQUISHED BY/REMOVED FROM <i>550 #1</i>	DATE/TIME JUN 30 2016 0130	RECEIVED BY/STORED IN <i>Frank Hill</i>	DATE/TIME JUN 30 2016 1530		
RELINQUISHED BY/REMOVED FROM <i>Frank Hill</i>	DATE/TIME JUN 30 2016	RECEIVED BY/STORED IN <i>Frank Hill</i>	DATE/TIME JUN 30 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

PRINTED ON 6/1/2016 FSR ID = FSR33009 TRVL NUM = TRVL-16-164 A-6003-618 (REV 2)



CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F11-002-141	PAGE 1 OF 1
COLLECTOR <b>Barb Briggs JCHPRC</b>	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	PRICE CODE 7H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION Effluent Point 13085-001 -- DUP	PROJECT DESIGNATION 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water	FIELD LOGBOOK NO. <b>45F-N-56686/38</b>	ACTUAL SAMPLE DEPTH <b>K5H</b>	SAF NO. F11-002	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	COA 302891	BILL OF LADING/AIR BILL NO.	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO TestAmerica Incorporated, Richland					

MATRIX* A=Air D1=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE N/A	PRESERVATION	Cool <=6C
		HOLDING TIME	24 Hours
		TYPE OF CONTAINER	ag
		NO. OF CONTAINER(S)	1
SAMPLE ANALYSIS		VOLUME	60ml
7196, CR6: COMMON;			
SAMPLE NO. B35X40	MATRIX* WATER	SAMPLE DATE JUN 29 2016	SAMPLE TIME 1500

#3394  
W5C1219

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM <b>Barb Briggs JCHPRC</b>	DATE/TIME JUN 29 2016 1530	RECEIVED BY/STORED IN <b>SSC B1</b>	DATE/TIME JUN 29 2016 1530		
RELINQUISHED BY/REMOVED FROM <b>SSC #1</b>	DATE/TIME JUN 30 2016 0730	RECEIVED BY/STORED IN <b>Frank Hall JCHPRC</b>	DATE/TIME JUN 30 2016 0730		
RELINQUISHED BY/REMOVED FROM <b>Frank Hall JCHPRC</b>	DATE/TIME JUN 30 2016	RECEIVED BY/STORED IN <b>J. Anderson</b>	DATE/TIME JUN 30 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

Detection Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

Client Sample ID: B35X34

Lab Sample ID: 300-3394-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.0055		0.0040	0.0015	mg/L	1		7196A	Total/NA

Client Sample ID: B35X37

Lab Sample ID: 300-3394-2

No Detections.

Client Sample ID: B35X40

Lab Sample ID: 300-3394-3

No Detections.

This Detection Summary does not include radiochemical test results.



Client Sample Results

Client: CH2M Hill Plateau Remediation Company  
 Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
 SDG: WC1219

Client Sample ID: B35X34

Lab Sample ID: 300-3394-1

Date Collected: 06/29/16 15:00

Matrix: Water

Date Received: 06/30/16 09:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0055		0.0040	0.0015	mg/L			06/30/16 11:26	1

Client Sample ID: B35X37

Lab Sample ID: 300-3394-2

Date Collected: 06/29/16 15:00

Matrix: Water

Date Received: 06/30/16 09:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			06/30/16 11:26	1

Client Sample ID: B35X40

Lab Sample ID: 300-3394-3

Date Collected: 06/29/16 15:00

Matrix: Water

Date Received: 06/30/16 09:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			06/30/16 11:26	1

QC Sample Results

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 300-4755/3  
Matrix: Water  
Analysis Batch: 4755

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0015	U	0.0040	0.0015	mg/L			06/30/16 11:21	1

Lab Sample ID: LCS 300-4755/4  
Matrix: Water  
Analysis Batch: 4755

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.251		mg/L		100	80 - 120

Lab Sample ID: 300-3393-A-1 MS  
Matrix: Water  
Analysis Batch: 4755

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
Cr (VI)	0.015		0.0499	0.0649		mg/L		100	75 - 125

Lab Sample ID: 300-3393-A-1 DU  
Matrix: Water  
Analysis Batch: 4755

Client Sample ID: Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	0.015		0.0151		mg/L		0	20

QC Association Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

General Chemistry

Analysis Batch: 4755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
300-3393-A-1 DU	Duplicate	Total/NA	Water	7196A	
300-3393-A-1 MS	Matrix Spike	Total/NA	Water	7196A	
300-3394-1	B35X34	Total/NA	Water	7196A	
300-3394-2	B35X37	Total/NA	Water	7196A	
300-3394-3	B35X40	Total/NA	Water	7196A	
LCS 300-4755/4	Lab Control Sample	Total/NA	Water	7196A	
MB 300-4755/3	Method Blank	Total/NA	Water	7196A	

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

Lab Chronicle

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

**Client Sample ID: B35X34**

Date Collected: 06/29/16 15:00

Date Received: 06/30/16 09:35

**Lab Sample ID: 300-3394-1**

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			4755	06/30/16 11:26	RLC	TAL RCH

**Client Sample ID: B35X37**

Date Collected: 06/29/16 15:00

Date Received: 06/30/16 09:35

**Lab Sample ID: 300-3394-2**

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			4755	06/30/16 11:26	RLC	TAL RCH

**Client Sample ID: B35X40**

Date Collected: 06/29/16 15:00

Date Received: 06/30/16 09:35

**Lab Sample ID: 300-3394-3**

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			4755	06/30/16 11:26	RLC	TAL RCH

**Client Sample ID: Duplicate**

Date Collected: 06/29/16 14:17

Date Received: 06/30/16 09:35

**Lab Sample ID: 300-3393-A-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	7196A		1			4755	06/30/16 11:25	RLC	TAL RCH

**Client Sample ID: Lab Control Sample**

Date Collected: N/A

Date Received: N/A

**Lab Sample ID: LCS 300-4755/4**

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			4755	06/30/16 11:22	RLC	TAL RCH

**Client Sample ID: Method Blank**

Date Collected: N/A

Date Received: N/A

**Lab Sample ID: MB 300-4755/3**

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			4755	06/30/16 11:21	RLC	TAL RCH

Lab Chronicle

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

Client Sample ID: Matrix Spike

Lab Sample ID: 300-3393-A-1 MS

Date Collected: 06/29/16 14:17

Matrix: Water

Date Received: 06/30/16 09:35

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		3.0 mL	4755	06/30/16 11:22	RLC	TAL RCH

Laboratory References:

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

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

Method Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

---

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	TAL RCH

---

**Protocol References:**

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



July 13, 2016

### Sample Summary

Client: CH2M Hill Plateau Remediation Company  
Project/Site: F11-002

TestAmerica Job ID: 300-3394-1  
SDG: WC1219

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
300-3394-1	B35X34	Water	06/29/16 15:00	06/30/16 09:35
300-3394-2	B35X37	Water	06/29/16 15:00	06/30/16 09:35
300-3394-3	B35X40	Water	06/29/16 15:00	06/30/16 09:35

- 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: 300-3394-1

SDG Number: WC1219

Login Number: 3394

List Number: 1

Creator: Anderson, Lori 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.	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.	N/A	
Residual Chlorine Checked.	N/A	

