

December 23, 2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Tel: (314)298-8566

TestAmerica Job ID: 160-15077-1

TestAmerica Sample Delivery Group: SL2034
Client Project/Site: X15-067

For:

CH2M Hill Plateau Remediation Company
PO BOX 1600, MS H8-41
Richland, Washington 99352

Attn: Mr. Scot Fitzgerald

Elizabeth M. Hoerchler

Authorized for release by:
12/23/2015 3:14:39 PM

Elizabeth Hoerchler, Project Mgmt. Assistant
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Designee for

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

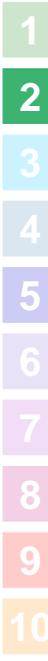


Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Chain of Custody	5
Definitions/Glossary	11
Method Summary	12
Sample Summary	13
Client Sample Results	14
QC Sample Results	18
QC Association Summary	21

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Job ID: 160-15077-1

Laboratory: TestAmerica St. Louis

Narrative

CASE NARRATIVE

CH2MHill Plateau Remediation Company
P.O. Box 1600
Richland, Washington 99352
December 23, 2015
Attention: Scot Fitzgerald

SDG : SL2034
Number of Samples : 8 samples
Sample Matrix : Water
Data Deliverable : Summary
Date SDG Closed : November 25, 2015

II. Introduction

On November 25, 8 samples were received by TestAmerica - St. Louis for chemical analysis. The samples were received within temperature criteria. See the COC and receipt checklists for documentation of any variations on receipt conditions and temperature. Upon receipt, samples were given laboratory Ids to correspond with specific client Ids. Please refer to the Sample Summary sheets attached to this case narrative. This report is incomplete without the narrative.

The following SAFs are associated with this SDG: X15-067

III. Analytical Results/ Methodology

The analytical results for this report are presented by analytical test. Each set of data includes sample identification information, analytical results and the appropriate detection limits. All results are based upon samples as they were received, i.e. wet weight, unless otherwise noted on the data sheets. See the attached Methods Summary Form for the methods used in this SDG.

MS/MSD/Dup analysis was done per the client requirements. Analytical batches that did not contain matrix QC were analyzed with an LCS/LCS duplicate.

Note: For Metals analyses, per standard practice, all 6020 water and soil samples are initially prepared at 2x dilution. This standard dilution does not affect reporting limits as MDL studies are also prepared in the same manner. These dilutions do not necessitate flagging unless otherwise noted in the case narrative.

For Anion analysis, samples have been started at a 2x dilution per CHPRC direction. The samples are flagged accordingly with a "D" flag if sample concentration is above the MDL/RL. Non-conformance will be included in the below section only if dilution is greater than 2x.

For WTPH methods, the lab utilizes method 8015B. Per CHPRC direction, the method name in the electronic data has been modified to read WTPH in the place of 8015B.

IV. Definitions

- QCBLK- Quality Control Blank, Method Blank
- QCLCS- Quality Control Laboratory Control Sample, Blank Spike
- DUP- Laboratory Duplicate
- MS- Matrix Spike
- MSD- Matrix Spike Duplicate

The term "Detection Limit" used in the analytical data report refers to either the lab's standard reporting limits or contractually required reporting limits, whichever is applicable.



Job ID: 160-15077-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

The following data qualifiers may be applicable to the results in this report, as appropriate.

- **B** - For inorganic analyses, the sample result is greater than the MDL but less than the RL.
- **B** - For organic analyses, Method Blank contamination. The Method Blank contains the target analyte at a concentration above the MDL.
- **J** - For organic analyses, the sample is estimated and less than the RL.
- **C** - For inorganic analyses, Method Blank contamination. The Method Blank contains the target analyte at a concentration above the MDL.
- **D** - For all analyses, the sample result was obtained from the analysis of a dilution. For Metals analyses, per standard practice, all solid samples are initially prepared at a 2x dilution. This standard dilution does not affect reporting limits as MDL studies are also prepared in the same manner. These dilutions do not necessitate qualification unless otherwise noted in the case narrative. Due to limitations of the LIMS system, "D" flags may appear on QC samples.
- **N** - For inorganics and GC analyses, the spike/spike duplicate recoveries are outside QC limits.
- **T** - For GCMS analyses, the spike/spike duplicate recoveries are outside QC limits.
- **O** - For all analyses, the LCS (LCSD) recoveries are outside QC limits.
- **M** - For inorganic analyses, the precision was outside control limits.
- **P** - For organic analyses (PCB/Pests only), the aroclor target analyte has greater than 25% difference for detected concentrations between the two GC columns.

ICP Metals

Batch: 226904

The following samples in preparation batch 160-225411 and analytical batch 160-226904 were diluted to bring the concentration of target analytes within the calibration range: B331X5 (160-15077-3), B331X4 (160-15077-4), B331X0 (160-15077-5) and B331X1 (160-15077-6). Elevated reporting limits (RLs) are provided. These analytes have been qualified accordingly with a "D" flag in the associated samples.

Batch: 226689

Due to the high concentration of calcium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 160-225411 and analytical batch 160-226689 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. (160-15076-B-1-B MS) and (160-15076-B-1-C MSD) This analyte has been qualified accordingly with a "T" flag in the associated samples.

Batch: 229176

The following samples in preparation batch 160-225411 and analytical batch 160-229176 were diluted to bring the concentration of target analytes within the calibration range: B331X0 (160-15077-5). Elevated reporting limits (RLs) are provided. These analytes have been qualified accordingly with a "D" flag in the associated samples.

There were no observations or non-conformances associated with the following methods:

Alkalinity

ICPMS Metals

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager or designee and the laboratory's client services representative as verified by their signature on this report.

Reviewed and approved:

Elizabeth Hoerchler
St. Louis Project Manager Assistant

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 160-15077-1

SDG Number: SL2034

Login Number: 15077

List Number: 1

Creator: Clarke, Jill C

List Source: TestAmerica St. Louis

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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2
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.	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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

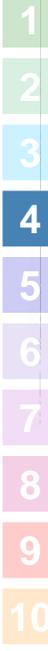
CH2MHill Plateau Remediation Company *2024* **CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST** C.O.C.# **X15-067-074**
Page 1 of 1

Collector D.L. Floyd/CHPRC **Contact/Requester** WHITLEY, KM **Telephone No.** 373-4929
SAF No. X15-067 **Sampling Origin** Hanford Site **Purchase Order/Charge Code** 300205
Project Title 300 Area Uranium Sequestration Post Inj **Logbook No.** HNF-N-506 **Ice Chest No.** GWS-516
Shipped To (Lab) TestAmerica St. Louis **Method of Shipment** Commercial Carrier **Bill of Lading/Air Bill No.** 7750 5269 3859
Protocol CERCLA **Priority:** 30 Days **Hold Time** **Offsite Property No.** N/A

POSSIBLE SAMPLE HAZARDS/REMARKS **SPECIAL INSTRUCTIONS** **Hold Time** **Total Activity Exemption:** Yes No
 *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 458.1.

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B331M7	N	W	NOV 23 2015	1356	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331M7	N	W			1x500-mL G/P	310.1_ALKALINITY: GW 01	14 Days	Cool <=6C
B331M6	Y	W			1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
D.L. Floyd/CHPRC			NOV 23 2015 1520	SSU-1			NOV 23 2015 1520	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
SSU-1			NOV 24 2015 1015	L.D. Wall CHPRC			NOV 24 2015 1015	
L.D. Wall CHPRC			NOV 24 2015 1400	FEDEX			NOV 24 2015 0930	
FINAL SAMPLE DISPOSITION				Disposal Method (e.g., Return to customer, per lab procedure, used in process)				



CH2M Hill Plateau Remediation Company *922034*

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# **X15-067-057**
Page 1 of 1

Collector: D.L. Floyd/CHPRC
 Contact/Requester: WHITLEY, KM
 Telephone No. 373-4929

SAF No. X15-067
 Sampling Origin: Hanford Site
 Purchase Order/Charge Code 300205

Project Title: 300 Area Uranium Sequestration Post Inj
 Logbook No. HNF-N-506 *81/46+47*
 Ice Chest No. GWS-516

Shipped To (Lab): Test/America St. Louis
 Method of Shipment: Commercial Carrier
 Bill of Lading/Air-Bill No. *7750 5862 3859*

Protocol: CERCLA
 Priority: **30 Days** **PRIORITY**
 Offsite Property No. *N/A*

POSSIBLE SAMPLE HAZARDS/REMARKS
 *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL INSTRUCTIONS Hold Time: Yes No

Total Activity Exemption: Yes No

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B331X5	N	W	<i>NOV 23 2015</i>	<i>1320</i>	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331X5	N	W	<i>↓</i>	<i>↓</i>	1x500-mL G/P	310.1_ALKALINITY: GW 01	14 Days	Cool <=6C
B331X4	Y	W	<i>↓</i>	<i>↓</i>	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Received By	Print	Sign	Date/Time	Matrix *
D.L. Floyd/CHPRC	<i>[Signature]</i>	<i>[Signature]</i>	SSU-1			NOV 23 2015 1520	S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air
SSU-1			L.D. Wall CHPRC	<i>[Signature]</i>		NOV 24 2015 1015	DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
L.D. Wall CHPRC	<i>[Signature]</i>	<i>[Signature]</i>	FEDEX			NOV 24 2015 1400	
Relinquished By			Received By			Date/Time	
			<i>[Signature]</i>			NOV 23 2015 0930	

Disposal Method (e.g., Return to customer, per lab procedure, used in process):
 Disposed By: *[Signature]* 11-25-15

CH2M Hill Plateau Remediation Company *922034*

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# **X15-067-058**
Page 1 of 1

Collector **D.L. Floyd/CHPRC** Contact/Requester **WHITLEY, KM** Telephone No. **373-4929**

SAF No. **X15-067** Sampling Origin **Hanford Site** Purchase Order/Charge Code **300205**

Project Title **300 Area Uranium Sequestration Post Inj** Logbook No. **HNF-N-506 81 / 46+47** Ice Chest No. **GWS - 516**

Shipped To (Lab) **Test/America St. Louis** Method of Shipment **Commercial Carrier** Bill of Lading/Air-Bill No. **7750 5262 3859**

Protocol **CERCLA** Priority: **30 Days** **PRIORITY** Offsite Property No. **N/A**

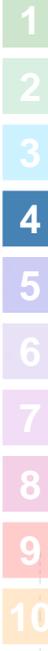
POSSIBLE SAMPLE HAZARDS/REMARKS

*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL INSTRUCTIONS **HOLD TIME** Total Activity Exemption: Yes No

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B331X0	Y	W	NOV 23 2015	1258	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331X1	N	W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331X1	N	W	↓	↓	1x500-mL G/P	310.1_ALKALINITY: GW 01	14 Days	Cool <=6C

Relinquished By D.L. Floyd/CHPRC	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time NOV 23 2015 1520	Received By SSU-1	Print SSU-1	Sign NOV 23 2015	Date/Time 1520	Matrix * S = Soil = Drum Solids SE = Sediment = Drum Liquids SO = Solid = Tissue SL = Sludge = WI = Wipe W = Water = L = Liquid O = Oil = V = Vegetation A = Air = X = Other
Relinquished By SSU-1	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time NOV 24 2015 1015	Received By L.D. Wall CHPRC	Print CHPRC	Sign NOV 24 2015	Date/Time 1015	
Relinquished By L.D. Wall CHPRC	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time NOV 24 2015 1400	Received By FEDEX	Print FEDEX	Sign NOV 24 2015	Date/Time 1400	
Relinquished By FEDEX	Print FEDEX	Sign NOV 24 2015	Date/Time 1400	Received By <i>[Signature]</i>	Print <i>[Signature]</i>	Sign NOV 24 2015	Date/Time 0930	
Disposal Method (e.g., Return to customer, per lab procedure, used in process)								Date/Time
FINAL SAMPLE DISPOSITION								Date/Time



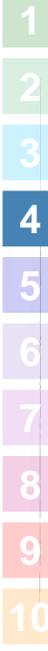
CH2MHill Plateau Remediation Company *8/20/34* **C.O.C. # X15-067-073**
CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST Page 1 of 1

Collector D.L. Floyd/CHPRC **Contact/Requester** WHITLEY, KM **Telephone No.** 373-4929
SAF No. X15-067 **Sampling Origin** Hanford Site **Purchase Order/Charge Code** 300205
Project Title 300 Area Uranium Sequestration Post Inj **Logbook No.** HNF-N-506 *81/47* **Ice Chest No.** GWS-516
Shipped To (Lab) TestAmerica St. Louis **Method of Shipment** Commercial Carrier **Bill of Lading/Air Bill No.** 7750-5262-3859
Protocol CERCLA **Priority:** 30 Days **PRIORITY** **Offsite Property No.** N/A

POSSIBLE SAMPLE HAZARDS/REMARKS **SPECIAL INSTRUCTIONS** **Hold Time** **Total Activity Exemption:** Yes No
 *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JATA 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
B331N0	Y	W	NOV 23 2015	1428	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331N1	N	W	↓	↓	1x500-mL G/P	6020_METALS_ICPMS: Uranium (1); 6010_METALS_ICP: GW 04	6 Months	HNO3 to pH <2
B331N1	N	W	↓	↓	1x500-mL G/P	310.1_ALKALINITY: GW 01	14 Days	Cool <=6C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
D.L. Floyd/CHPRC	<i>[Signature]</i>		NOV 23 2015 1520	SSU-1			NOV 23 2015 1520	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
Relinquished By			NOV 24 2015 1015	Received By	L.D. Wall	<i>[Signature]</i>	NOV 24 2015 1015	
CHPRC			NOV 24 2015 1400	Received By	CHPRC	<i>[Signature]</i>	NOV 24 2015 1400	
Relinquished By			F E D E X	Received By	FEDEX			
				Received By	<i>[Signature]</i>			





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775052623859

Ship date: Tue 11/24/2015	Actual delivery: Wed 11/25/2015 9:25 am
RICHLAND, WA US	Delivered <i>Signed for by: B.DANIELS</i>
	EARTH CITY, MO US

Travel History

Date/Time	Activity	Location
- 11/25/2015 - Wednesday		
9:25 am	Delivered	EARTH CITY, MO
7:33 am	On FedEx vehicle for delivery	EARTH CITY, MO
7:27 am	At local FedEx facility	EARTH CITY, MO
5:42 am	At destination sort facility	BERKELEY, MO
4:49 am	Departed FedEx location	MEMPHIS, TN
12:32 am	Arrived at FedEx location	MEMPHIS, TN
- 11/24/2015 - Tuesday		
4:48 pm	Left FedEx origin facility	PASCO, WA
3:23 pm	Picked up	PASCO, WA
1:43 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	775052623859	Service	FedEx Priority Overnight
Weight	68 lbs / 30.84 kgs	Delivered To	Shipping/Receiving
Total pieces	1	Total shipment weight	68 lbs / 30.84 kgs
Shipper reference	gws-516	Packaging	Your Packaging
Special handling section	Deliver Weekday, Additional Handling Surcharge		



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Qualifiers

Metals

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, 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: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL SL
6020A	Metals (ICP/MS)	SW846	TAL SL
310.1	Alkalinity	MCAWW	TAL SL

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:

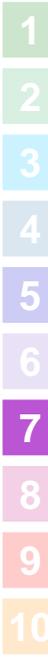
TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-15077-1	B331M7	Water	11/23/15 13:56	11/25/15 09:30
160-15077-2	B331M6	Water	11/23/15 13:56	11/25/15 09:30
160-15077-3	B331X5	Water	11/23/15 13:20	11/25/15 09:30
160-15077-4	B331X4	Water	11/23/15 13:20	11/25/15 09:30
160-15077-5	B331X0	Water	11/23/15 12:58	11/25/15 09:30
160-15077-6	B331X1	Water	11/23/15 12:58	11/25/15 09:30
160-15077-7	B331N0	Water	11/23/15 14:28	11/25/15 09:30
160-15077-8	B331N1	Water	11/23/15 14:28	11/25/15 09:30



~~December 23, 2015~~
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 6010C - Metals (ICP)

Client Sample ID: B331M7
Date Collected: 11/23/15 13:56
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	54000		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:30	1
Potassium	5370		5000	456	ug/L		12/03/15 16:01	12/10/15 19:30	1
Magnesium	13300		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:30	1
Sodium	26900		1000	105	ug/L		12/03/15 16:01	12/10/15 19:30	1

Client Sample ID: B331X5
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	27500		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:38	1
Potassium	103000	D	100000	9120	ug/L		12/03/15 16:01	12/11/15 16:13	20
Magnesium	18600		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:38	1
Sodium	589000	D	20000	2100	ug/L		12/03/15 16:01	12/11/15 16:13	20

Client Sample ID: B331X1
Date Collected: 11/23/15 12:58
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	21300		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:51	1
Potassium	233000	D	100000	9120	ug/L		12/03/15 16:01	12/11/15 16:38	20
Magnesium	29900		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:51	1
Sodium	1600000	D	20000	2100	ug/L		12/03/15 16:01	12/11/15 16:38	20

Client Sample ID: B331N1
Date Collected: 11/23/15 14:28
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	57900		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:59	1
Potassium	4960	B	5000	456	ug/L		12/03/15 16:01	12/10/15 19:59	1
Magnesium	12900		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:59	1
Sodium	25000		1000	105	ug/L		12/03/15 16:01	12/10/15 19:59	1

Method: 6010C - Metals (ICP) - Dissolved

Client Sample ID: B331M6
Date Collected: 11/23/15 13:56
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	57800		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:34	1
Potassium	5400		5000	456	ug/L		12/03/15 16:01	12/10/15 19:34	1
Magnesium	13500		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:34	1
Sodium	27300		1000	105	ug/L		12/03/15 16:01	12/10/15 19:34	1

Client Sample ID: B331X4
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	29400		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:42	1
Potassium	103000	D	100000	9120	ug/L		12/03/15 16:01	12/11/15 16:17	20
Magnesium	19300		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:42	1

TestAmerica St. Louis

~~December 23, 2015~~
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 6010C - Metals (ICP) - Dissolved (Continued)

Client Sample ID: B331X4
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	605000	D	20000	2100	ug/L		12/03/15 16:01	12/11/15 16:17	20

Client Sample ID: B331X0
Date Collected: 11/23/15 12:58
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	16100		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:47	1
Potassium	87400	B D	100000	9120	ug/L		12/03/15 16:01	12/23/15 09:38	20
Magnesium	19800		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:47	1
Sodium	629000	D	20000	2100	ug/L		12/03/15 16:01	12/23/15 09:38	20

Client Sample ID: B331N0
Date Collected: 11/23/15 14:28
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	56700		1000	54.2	ug/L		12/03/15 16:01	12/10/15 19:55	1
Potassium	5020		5000	456	ug/L		12/03/15 16:01	12/10/15 19:55	1
Magnesium	12900		1000	50.5	ug/L		12/03/15 16:01	12/10/15 19:55	1
Sodium	25000		1000	105	ug/L		12/03/15 16:01	12/10/15 19:55	1

Method: 6020A - Metals (ICP/MS)

Client Sample ID: B331M7
Date Collected: 11/23/15 13:56
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	20.6		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 15:27	2

Client Sample ID: B331X5
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	12.6		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 15:36	2

Client Sample ID: B331X1
Date Collected: 11/23/15 12:58
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	14.8		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 16:02	2

Client Sample ID: B331N1
Date Collected: 11/23/15 14:28
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	41.3		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 16:11	2

~~December 23, 2015~~
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 6020A - Metals (ICP/MS) - Dissolved

Client Sample ID: B331M6
Date Collected: 11/23/15 13:56
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	19.5		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 15:31	2

Client Sample ID: B331X4
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	11.8		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 15:53	2

Client Sample ID: B331X0
Date Collected: 11/23/15 12:58
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	67.4		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 15:58	2

Client Sample ID: B331N0
Date Collected: 11/23/15 14:28
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	40.4		1.0	0.23	ug/L		12/03/15 16:05	12/10/15 16:06	2

General Chemistry

Client Sample ID: B331M7
Date Collected: 11/23/15 13:56
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	144		5.0	0.54	mg/L			12/03/15 10:50	1
Bicarbonate Alkalinity as CaCO3	144		5.0	0.54	mg/L			12/03/15 10:50	1
Carbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Hydroxide Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1

Client Sample ID: B331X5
Date Collected: 11/23/15 13:20
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	606		5.0	0.54	mg/L			12/03/15 10:50	1
Bicarbonate Alkalinity as CaCO3	606		5.0	0.54	mg/L			12/03/15 10:50	1
Carbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Hydroxide Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1

Client Sample ID: B331X1
Date Collected: 11/23/15 12:58
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	794		5.0	0.54	mg/L			12/03/15 10:50	1
Bicarbonate Alkalinity as CaCO3	794		5.0	0.54	mg/L			12/03/15 10:50	1
Carbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Hydroxide Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1

TestAmerica St. Louis

December 23, 2015
Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

General Chemistry

Client Sample ID: B331N1
Date Collected: 11/23/15 14:28
Date Received: 11/25/15 09:30

Lab Sample ID: 160-15077-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	132		5.0	0.54	mg/L			12/03/15 10:50	1
Bicarbonate Alkalinity as CaCO3	132		5.0	0.54	mg/L			12/03/15 10:50	1
Carbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Hydroxide Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1

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- 8
- 9
- 10

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 160-225411/1-A
Matrix: Water
Analysis Batch: 226689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 225411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	54.2	U	1000	54.2	ug/L		12/03/15 16:01	12/10/15 18:50	1
Potassium	456	U	5000	456	ug/L		12/03/15 16:01	12/10/15 18:50	1
Magnesium	50.5	U	1000	50.5	ug/L		12/03/15 16:01	12/10/15 18:50	1
Sodium	105	U	1000	105	ug/L		12/03/15 16:01	12/10/15 18:50	1

Lab Sample ID: LCS 160-225411/2-A
Matrix: Water
Analysis Batch: 226689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 225411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10000	11030		ug/L		110	80 - 120
Potassium	10000	10050		ug/L		101	80 - 120
Magnesium	10000	10130		ug/L		101	80 - 120
Sodium	10000	9984		ug/L		100	80 - 120

Lab Sample ID: 160-15076-B-1-B MS
Matrix: Water
Analysis Batch: 226689

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 225411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	65300		10000	75810		ug/L		105	75 - 125
Potassium	7760		10000	17770		ug/L		100	75 - 125
Magnesium	18100		10000	28130		ug/L		100	75 - 125
Sodium	36900		10000	47010		ug/L		101	75 - 125

Lab Sample ID: 160-15076-B-1-C MSD
Matrix: Water
Analysis Batch: 226689

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 225411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	65300		10000	84390		ug/L		191	75 - 125	11	20
Potassium	7760		10000	17910		ug/L		101	75 - 125	1	20
Magnesium	18100		10000	29110		ug/L		110	75 - 125	3	20
Sodium	36900		10000	47200		ug/L		103	75 - 125	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 160-225413/1-A
Matrix: Water
Analysis Batch: 226690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 225413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Uranium	0.23	U	1.0	0.23	ug/L		12/03/15 16:05	12/10/15 14:57	2

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 160-225413/2-A
Matrix: Water
Analysis Batch: 226690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 225413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Uranium	1000	866.6		ug/L		87	80 - 120

Lab Sample ID: 160-15076-B-1-E MS
Matrix: Water
Analysis Batch: 226690

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 225413

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Uranium	20.1		1000	908.6		ug/L		89	75 - 125

Lab Sample ID: 160-15076-B-1-F MSD
Matrix: Water
Analysis Batch: 226690

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 225413

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Uranium	20.1		1000	927.9		ug/L		91	75 - 125	2	20

Method: 310.1 - Alkalinity

Lab Sample ID: MB 160-225336/1
Matrix: Water
Analysis Batch: 225336

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Bicarbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Carbonate Alkalinity as CaCO3	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1
Hydroxide Alkalinity	0.54	U	5.0	0.54	mg/L			12/03/15 10:50	1

Lab Sample ID: HLCS 160-225336/3
Matrix: Water
Analysis Batch: 225336

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

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	400	378.0		mg/L		94	90 - 110
Bicarbonate Alkalinity as CaCO3	400	378.0		mg/L		94	90 - 110

Lab Sample ID: LCS 160-225336/2
Matrix: Water
Analysis Batch: 225336

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	200	191.0		mg/L		95	90 - 110
Bicarbonate Alkalinity as CaCO3	200	191.0		mg/L		95	90 - 110

Client: CH2M Hill Plateau Remediation Company
Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
SDG: SL2034

Method: 310.1 - Alkalinity (Continued)

Lab Sample ID: 160-15058-A-20 MS
Matrix: Water
Analysis Batch: 225336

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
Alkalinity	0.54	U	100	95.00		mg/L		95	80 - 120
Bicarbonate Alkalinity as CaCO3	0.54	U	100	95.00		mg/L		95	80 - 120

Lab Sample ID: 160-15058-A-20 DU
Matrix: Water
Analysis Batch: 225336

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	0.54	U	0.54	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	0.54	U	0.54	U	mg/L		NC	20
Carbonate Alkalinity as CaCO3	0.54	U	0.54	U	mg/L		NC	20
Hydroxide Alkalinity	0.54	U	0.54	U	mg/L		NC	20

December 23, 2015
QC Association Summary

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
 SDG: SL2034

Metals

Prep Batch: 225411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15076-B-1-B MS	Matrix Spike	Total/NA	Water	3010A	
160-15076-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
160-15077-1	B331M7	Total/NA	Water	3010A	
160-15077-2	B331M6	Dissolved	Water	3010A	
160-15077-3	B331X5	Total/NA	Water	3010A	
160-15077-4	B331X4	Dissolved	Water	3010A	
160-15077-5	B331X0	Dissolved	Water	3010A	
160-15077-6	B331X1	Total/NA	Water	3010A	
160-15077-7	B331N0	Dissolved	Water	3010A	
160-15077-8	B331N1	Total/NA	Water	3010A	
LCS 160-225411/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 160-225411/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 225413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15076-B-1-E MS	Matrix Spike	Total/NA	Water	3010A	
160-15076-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
160-15077-1	B331M7	Total/NA	Water	3010A	
160-15077-2	B331M6	Dissolved	Water	3010A	
160-15077-3	B331X5	Total/NA	Water	3010A	
160-15077-4	B331X4	Dissolved	Water	3010A	
160-15077-5	B331X0	Dissolved	Water	3010A	
160-15077-6	B331X1	Total/NA	Water	3010A	
160-15077-7	B331N0	Dissolved	Water	3010A	
160-15077-8	B331N1	Total/NA	Water	3010A	
LCS 160-225413/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 160-225413/1-A	Method Blank	Total/NA	Water	3010A	

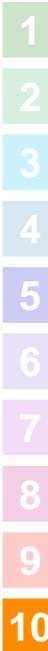
Analysis Batch: 226689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15076-B-1-B MS	Matrix Spike	Total/NA	Water	6010C	225411
160-15076-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010C	225411
160-15077-1	B331M7	Total/NA	Water	6010C	225411
160-15077-2	B331M6	Dissolved	Water	6010C	225411
160-15077-3	B331X5	Total/NA	Water	6010C	225411
160-15077-4	B331X4	Dissolved	Water	6010C	225411
160-15077-5	B331X0	Dissolved	Water	6010C	225411
160-15077-6	B331X1	Total/NA	Water	6010C	225411
160-15077-7	B331N0	Dissolved	Water	6010C	225411
160-15077-8	B331N1	Total/NA	Water	6010C	225411
LCS 160-225411/2-A	Lab Control Sample	Total/NA	Water	6010C	225411
MB 160-225411/1-A	Method Blank	Total/NA	Water	6010C	225411

Analysis Batch: 226690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15076-B-1-E MS	Matrix Spike	Total/NA	Water	6020A	225413
160-15076-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	6020A	225413
160-15077-1	B331M7	Total/NA	Water	6020A	225413
160-15077-2	B331M6	Dissolved	Water	6020A	225413
160-15077-3	B331X5	Total/NA	Water	6020A	225413
160-15077-4	B331X4	Dissolved	Water	6020A	225413

TestAmerica St. Louis



December 23, 2015
QC Association Summary

Client: CH2M Hill Plateau Remediation Company
 Project/Site: X15-067

TestAmerica Job ID: 160-15077-1
 SDG: SL2034

Metals (Continued)

Analysis Batch: 226690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15077-5	B331X0	Dissolved	Water	6020A	225413
160-15077-6	B331X1	Total/NA	Water	6020A	225413
160-15077-7	B331N0	Dissolved	Water	6020A	225413
160-15077-8	B331N1	Total/NA	Water	6020A	225413
LCS 160-225413/2-A	Lab Control Sample	Total/NA	Water	6020A	225413
MB 160-225413/1-A	Method Blank	Total/NA	Water	6020A	225413

Analysis Batch: 226904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15077-3	B331X5	Total/NA	Water	6010C	225411
160-15077-4	B331X4	Dissolved	Water	6010C	225411
160-15077-6	B331X1	Total/NA	Water	6010C	225411

Analysis Batch: 229176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15077-5	B331X0	Dissolved	Water	6010C	225411

General Chemistry

Analysis Batch: 225336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-15058-A-20 DU	Duplicate	Total/NA	Water	310.1	
160-15058-A-20 MS	Matrix Spike	Total/NA	Water	310.1	
160-15077-1	B331M7	Total/NA	Water	310.1	
160-15077-3	B331X5	Total/NA	Water	310.1	
160-15077-6	B331X1	Total/NA	Water	310.1	
160-15077-8	B331N1	Total/NA	Water	310.1	
HLCS 160-225336/3	Lab Control Sample	Total/NA	Water	310.1	
LCS 160-225336/2	Lab Control Sample	Total/NA	Water	310.1	
MB 160-225336/1	Method Blank	Total/NA	Water	310.1	

