

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-107370-1
TestAmerica Sample Delivery Group: DN0337
Client Project/Site: W18-003

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

Attn: Mr. Scot Fitzgerald



Authorized for release by:
4/11/2018 6:34:53 PM

Darlene Bandy, Project Manager I
(303)736-0100
darlene.bandy@testamericainc.com



LINKS

Review your project results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Chain of Custody	5
Definitions	11
Method Summary	12
Sample Summary	13
Client Sample Results	14
QC Sample Results	17
QC Association	21

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Job ID: 280-107370-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: CH2M Hill Plateau Remediation Company

Project: W18-003

Report Number: 280-107370-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

The laboratory is not able to achieve project specified Highest Allowable Practical Quantitation Limits (HAPQL limits) for Arsenic 6010D. All analytes met statistical limits, unless otherwise detailed in the individual sections below. As instructed by the client, the data is reported.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/14/2018 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.6° C and 2.5° C.

TOTAL METALS (ICP)

Samples B3HK13 (280-107370-2), B3HK15 (280-107370-3), B3HKP4 (280-107370-4) and B3HKP6 (280-107370-5) were analyzed for Total Metals (ICP) in accordance with EPA SW846 6010D. The samples were prepared on 03/26/2018 and 03/30/2018 and analyzed on 03/27/2018 and 04/03/2018.

Calcium and Potassium were detected in method blank MB 280-408192/1-A at levels that were above the method detection limit but below half the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL and the method blank concentration was greater than 5% of the sample concentration, the result has been flagged.

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

ALKALINITY

Samples B3HL96 (280-107370-1), B3HK13 (280-107370-2) and B3HKP4 (280-107370-4) were analyzed for Alkalinity in accordance with SM20 2320B. The samples were analyzed on 03/16/2018 and 03/21/2018.

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

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.



Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Job ID: 280-107370-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

Reviewed and approved:

Darlene Bandy
Project Manager

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 280-107370-1

SDG Number: DN0337

Login Number: 107370**List Number: 1****Creator: Pottruff, Reed W****List Source: TestAmerica Denver**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	60 CPM
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	2.5, 1.6 C
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

CH2M Hill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W18-003-251
		Page 1 of 1

Collector: Kathy Turner CHPRC <i>DN0337</i>	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: W18-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: RCRA, MARCH 2018	Logbook No.: HNF-N-506-97-72	Ice Chest No.: <i>GWS-323</i>
Shipped To (Lab): TestAmerica Denver	Method of Shipment Commercial Carrier	Bill of Lading/Air Bill No.: <i>800 237 12570</i>
Protocol RCRA	Priority: 30 Days	Offsite Property No.: <i>9155</i>

POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
---	------------------------------------

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HL96	N	W	MAR 12 2018	<i>1236</i>	1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C



2.6, 1.7 ZLH8 -0.1 Transfer RD 3-14-18

Relinquished By: Kathy Turner CHPRC <i>Kathy Turner</i> MAR 12 2018 <i>1400</i> <small>Print First and Last Name Signature Date/Time</small>	Received By: SSU-1 MAR 12 2018 <i>1400</i> <small>Print First and Last Name Signature Date/Time</small>	Matrix * * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: SSU-1 MAR 13 2018 <i>0805</i> <small>Print First and Last Name Signature Date/Time</small>	Received By: Troy Bacon CHPRC <i>Troy L. Bacon</i> MAR 13 2018 <i>0805</i> <small>Print First and Last Name Signature Date/Time</small>	
Relinquished By: Troy Bacon CHPRC <i>Troy L. Bacon</i> MAR 13 2018 <i>1400</i> <small>Print First and Last Name Signature Date/Time</small>	Received By: FEDEX <small>Print First and Last Name Signature Date/Time</small>	
Relinquished By: FeDEX <small>Print First and Last Name Signature Date/Time</small>	Received By: FeDEX 3-14-18 <i>0910</i> <small>Print First and Last Name Signature Date/Time</small>	

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

Page 6 of 22

6 of 22 4/11/2018

04/11/2018

REV.0

Collector: *Juan Aguilar* /CHPRC *DNU337* Contact/Requester: Karen Waters-Husted Telephone No.: 509-376-4650

SAF No.: W18-003 Sampling Origin: Hanford Site Purchase Order/Charge Code: 300071

Project Title: RCRA, MARCH 2018 Logbook No.: HNF-N-506 -*98156* Ice Chest No.: *6WS-700*

Shipped To (Lab): TestAmerica Denver Method of Shipment Commercial Carrier Bill of Lading/Air Bill No.: *7800 3081 1616*

Protocol RCRA Priority: 30 Days Offsite Property No.: *9161*

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

SPECIAL INSTRUCTIONS
N/A

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HK13	N	W	3-13-18	0936	1x500-mL G/P	6010_METALS_ICP: COMMON	6 Months	HNO3 to pH <2
B3HK13	N	W	3-13-18	0936	1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C
B3HK15	Y	W	3-13-18	0936	1x500-mL G/P	6010_METALS_ICP: COMMON	6 Months	HNO3 to pH <2

Page 7 of 22

04/11/2018

Relinquished By: <i>Juan Aguilar</i> /CHPRC Signature: <i>[Signature]</i> Date/Time: <i>MAR 13 2018 0950</i>	Received By: <i>Mike Esparza</i> /CHPRC Signature: <i>[Signature]</i> Date/Time: <i>MAR 13 2018 0950</i>	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
Relinquished By: <i>Mike Esparza</i> /CHPRC Signature: <i>[Signature]</i> Date/Time: <i>MAR 13 2018 1400</i>	Received By: FEDEX Signature: _____ Date/Time: _____		
Relinquished By: FedEx Signature: _____ Date/Time: _____	Received By: <i>[Signature]</i> Signature: <i>[Signature]</i> Date/Time: <i>3-14-18 0910</i>		
Relinquished By: _____ Signature: _____ Date/Time: _____	Received By: _____ Signature: _____ Date/Time: _____		
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

7 0522 4/11/2018

REV.0



CH2M Hill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # W18-003-107
Page 1 of 1		

Collector: Dan Woehle CHPRC D/10337	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: W18-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 300071
Project Title: RCRA, MARCH 2018	Logbook No.: HNF-N-506- 99-15	Ice Chest No.: 6w5-700
Shipped To (Lab): TestAmerica Denver	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 7800 3081 10/6
Protocol: RCRA	Priority: 30 Days	Offsite Property No.: 9161

POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
---	------------------------------------

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B3HKP4	N	W	MAR 13 2018	0907	1x500-mL G/P	6010_METALS_ICP: COMMON	6 Months	HNO3 to pH <2
B3HKP4	N	W	MAR 13 2018	0907	1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C
B3HKP6	Y	W	MAR 13 2018	0907	1x500-mL G/P	6010_METALS_ICP: COMMON	6 Months	HNO3 to pH <2

Page 8 of 22

04/11/2018

Relinquished By: Dan Woehle CHPRC dylorell MAR 13 2018 0940 <small>Print First and Last Name Signature Date/Time</small>	Received By: Maria Esparza CHPRC MAR 13 2018 0940 <small>Print First and Last Name Signature Date/Time</small>	Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By: Maria Esparza CHPRC MAR 13 2018 1400 <small>Print First and Last Name Signature Date/Time</small>	Received By: FEDEX <small>Print First and Last Name Signature Date/Time</small>	
Relinquished By: FedEx <small>Print First and Last Name Signature Date/Time</small>	Received By: Reed Pottmuff Health 3-14-18 0910 <small>Print First and Last Name Signature Date/Time</small>	
Relinquished By: <small>Print First and Last Name Signature Date/Time</small>	Received By: <small>Print First and Last Name Signature Date/Time</small>	

REV.0

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

8 of 22 4/11/2018





[Shipping](#)

[Tracking](#)

[Printing Services](#)

[Locations](#)

[Support](#)

[Sign In](#)

IMPORTANT!

FedEx is closely monitoring the winter storms across the Northeastern region of the U.S. [Learn More](#)

FedEx® Tracking

780023712570

Ship date

Tue 3/13/2018

Actual delivery:

Wed 3/14/2018 8:59 am

richland, WA US

Delivered

ARVADA, CO US

Signed for by *R.POTTRUFF*

Travel History

Date/Time	Activity	Location
3/14/2018 - Wednesday		
8:59 am	Delivered	ARVADA, CO
8:59 am	Delivered	ARVADA, CO
8:41 am	On FedEx vehicle for delivery	ARVADA, CO
7:49 am	At local FedEx facility	ARVADA, CO
5:15 am	At destination sort facility	DENVER, CO
4:09 am	Departed FedEx location	MEMPHIS TN
12:34 am	Arrived at FedEx location	MEMPHIS, TN
3/13/2018 - Tuesday		
4:48 pm	Left FedEx origin facility	PASCO, WA
11:21 am	Picked up	PASCO, WA
10:27 am	Shipment information sent to FedEx	

Shipment Facts

Tracking Number	780023712570	Service	FedEx Priority Overnight
Weight	65 lbs / 29.48 kgs	Signature services	Direct signature required
Delivered To	Shipping/Receiving	Total pieces	1
Total shipment weight	65 lbs / 29.48 kgs	Terms	Third Party
Shipper reference	pt# 9154	Packaging	Your Packaging
Special handling section	Deliver Weekday, Additional Handling Surcharge, Direct Signature Required	Standard transit	3/14/2018 by 10:30 am

OUR COMPANY

- [About FedEx](#)
- [Our Portfolio](#)
- [Investor Relations](#)
- [Careers](#)
- [FedEx Blog](#)
- [Corporate Responsibility](#)
- [Newsroom](#)
- [Contact Us](#)

MORE FROM FEDEX

- [FedEx Compatible](#)
- [Developer Resource Center](#)
- [FedEx Cross Border](#)

LANGUAGE

[Change Country](#)

English

Ask FedEx

FOLLOW FEDEX

© FedEx 1995-2018

[Feedback](#) | [Site Map](#) | [Terms of Use](#) | [Security & Privacy](#)



[Shipping](#)

[Tracking](#)

[Printing Services](#)

[Locations](#)

[Support](#)

[Sign In](#)

IMPORTANT!

FedEx is closely monitoring the winter storms across the Northeastern region of the U.S. [Learn More](#)

FedEx® Tracking

780030811616

Ship date Tue 3/13/2018	Actual delivery Wed 3/14/2018 8:59 am
richland, WA US	Delivered <i>Signed for by: R POTTRUFF</i>
	ARVADA, CO US

Travel History

Date/Time	Activity	Location
- 3/14/2018 - Wednesday		
8:59 am	Delivered	ARVADA, CO
8:59 am	Delivered	ARVADA, CO
8:41 am	On FedEx vehicle for delivery	ARVADA, CO
7:53 am	At local FedEx facility	ARVADA, CO
5:15 am	At destination sort facility	DENVER, CO
4:09 am	Departed FedEx location	MEMPHIS, TN
12:34 am	Arrived at FedEx location	MEMPHIS, TN
- 3/13/2018 - Tuesday		
4:48 pm	Left FedEx origin facility	PASCO, WA
3:17 pm	Picked up	PASCO, WA
1:17 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking Number	780030811616	Service	FedEx Priority Overnight
Weight	20 lbs / 9.07 kgs	Dimensions	13x9x15 in
Signature services	Direct signature required	Delivered To	Shipping/Receiving
Total pieces	1	Total shipment weight	20 lbs / 9.07 kgs
Terms	Third Party	Shipper reference	ptr# 9161
Packaging	Your Packaging	Special handling section	Deliver Weekday, Additional Handling Surchage, Direct Signature Required
Standard transit	3/14/2018 by 10:30 am		

OUR COMPANY

- [About FedEx](#)
- [Our Portfolio](#)
- [Investor Relations](#)
- [Careers](#)
- [FedEx Blog](#)
- [Corporate Responsibility](#)
- [Newsroom](#)
- [Contact Us](#)

MORE FROM FEDEX

- [FedEx Compatible](#)
- [Developer Resource Center](#)
- [FedEx Cross Border](#)

LANGUAGE

Change Country

English

Ask FedEx

FOLLOW FEDEX

© FedEx 1995-2018

[Feedback](#) | [Site Map](#) | [Terms of Use](#) | [Security & Privacy](#)

Client: CH2M Hill Plateau Remediation Company
 Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
 SDG: DN0337

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyzed for but not detected.
B	Estimated result. Result is less than the RL, but greater than MDL
C	The analyte was detected in both the sample and the associated QC blank, and the sample concentration was \leq 5X the blank concentration.

General Chemistry

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	TAL DEN
SM 2320B	Alkalinity	SM	TAL DEN

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-107370-1	B3HL96	Water	03/12/18 12:36	03/14/18 09:10
280-107370-2	B3HK13	Water	03/13/18 09:36	03/14/18 09:10
280-107370-3	B3HK15	Water	03/13/18 09:36	03/14/18 09:10
280-107370-4	B3HKP4	Water	03/13/18 09:07	03/14/18 09:10
280-107370-5	B3HKP6	Water	03/13/18 09:07	03/14/18 09:10



04/11/2018
Client Sample Results

REV.0

Client: CH2M Hill Plateau Remediation Company
 Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
 SDG: DN0337

Method: 6010D - Metals (ICP)

Client Sample ID: B3HK13
Date Collected: 03/13/18 09:36
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2	U	20.0	5.2	ug/L		03/26/18 07:30	03/27/18 00:10	1
Arsenic	4.4	U	15.0	4.4	ug/L		03/26/18 07:30	03/27/18 00:10	1
Barium	32.6		10.0	0.82	ug/L		03/26/18 07:30	03/27/18 00:10	1
Cadmium	0.45	U	5.0	0.45	ug/L		03/26/18 07:30	03/27/18 00:10	1
Calcium	26000		200	34.5	ug/L		03/26/18 07:30	03/27/18 00:10	1
Chromium	2.8	B	10.0	0.66	ug/L		03/26/18 07:30	03/27/18 00:10	1
Cobalt	1.2	U	10.0	1.2	ug/L		03/26/18 07:30	03/27/18 00:10	1
Copper	4.2	U	15.0	4.2	ug/L		03/26/18 07:30	03/27/18 00:10	1
Iron	64.6	B	100	22.0	ug/L		03/26/18 07:30	03/27/18 00:10	1
Magnesium	8740		200	10.7	ug/L		03/26/18 07:30	03/27/18 00:10	1
Manganese	1.9	B	10.0	0.26	ug/L		03/26/18 07:30	03/27/18 00:10	1
Nickel	2.6	U	40.0	2.6	ug/L		03/26/18 07:30	03/27/18 00:10	1
Potassium	4020	C	3000	237	ug/L		03/26/18 07:30	03/27/18 00:10	1
Silver	0.93	U	10.0	0.93	ug/L		03/26/18 07:30	03/27/18 00:10	1
Sodium	27600		1000	117	ug/L		03/30/18 08:38	04/03/18 20:48	1
Vanadium	26.5		10.0	1.1	ug/L		03/26/18 07:30	03/27/18 00:10	1
Zinc	4.5	U	20.0	4.5	ug/L		03/26/18 07:30	03/27/18 00:10	1

Client Sample ID: B3HK15
Date Collected: 03/13/18 09:36
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2	U	20.0	5.2	ug/L		03/26/18 07:30	03/27/18 00:25	1
Arsenic	4.4	U	15.0	4.4	ug/L		03/26/18 07:30	03/27/18 00:25	1
Barium	29.3		10.0	0.82	ug/L		03/26/18 07:30	03/27/18 00:25	1
Cadmium	0.45	U	5.0	0.45	ug/L		03/26/18 07:30	03/27/18 00:25	1
Calcium	24100		200	34.5	ug/L		03/26/18 07:30	03/27/18 00:25	1
Chromium	2.6	B	10.0	0.66	ug/L		03/26/18 07:30	03/27/18 00:25	1
Cobalt	1.2	U	10.0	1.2	ug/L		03/26/18 07:30	03/27/18 00:25	1
Copper	4.2	U	15.0	4.2	ug/L		03/26/18 07:30	03/27/18 00:25	1
Iron	22.0	U	100	22.0	ug/L		03/26/18 07:30	03/27/18 00:25	1
Magnesium	8210		200	10.7	ug/L		03/26/18 07:30	03/27/18 00:25	1
Manganese	0.39	B	10.0	0.26	ug/L		03/26/18 07:30	03/27/18 00:25	1
Nickel	2.6	U	40.0	2.6	ug/L		03/26/18 07:30	03/27/18 00:25	1
Potassium	3670	C	3000	237	ug/L		03/26/18 07:30	03/27/18 00:25	1
Silver	0.93	U	10.0	0.93	ug/L		03/26/18 07:30	03/27/18 00:25	1
Sodium	30600		1000	117	ug/L		03/30/18 08:38	04/03/18 21:03	1
Vanadium	24.2		10.0	1.1	ug/L		03/26/18 07:30	03/27/18 00:25	1
Zinc	4.5	U	20.0	4.5	ug/L		03/26/18 07:30	03/27/18 00:25	1

Client Sample ID: B3HKP4
Date Collected: 03/13/18 09:07
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2	U	20.0	5.2	ug/L		03/26/18 07:30	03/27/18 00:28	1
Arsenic	4.4	U	15.0	4.4	ug/L		03/26/18 07:30	03/27/18 00:28	1
Barium	35.2		10.0	0.82	ug/L		03/26/18 07:30	03/27/18 00:28	1
Cadmium	0.45	U	5.0	0.45	ug/L		03/26/18 07:30	03/27/18 00:28	1
Calcium	23500		200	34.5	ug/L		03/26/18 07:30	03/27/18 00:28	1
Chromium	17.7		10.0	0.66	ug/L		03/26/18 07:30	03/27/18 00:28	1

TestAmerica Denver

04/11/2018
Client Sample Results

REV.0

Client: CH2M Hill Plateau Remediation Company
 Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
 SDG: DN0337

Method: 6010D - Metals (ICP) (Continued)

Client Sample ID: B3HKP4
Date Collected: 03/13/18 09:07
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1.2	U	10.0	1.2	ug/L		03/26/18 07:30	03/27/18 00:28	1
Copper	4.2	U	15.0	4.2	ug/L		03/26/18 07:30	03/27/18 00:28	1
Iron	136		100	22.0	ug/L		03/26/18 07:30	03/27/18 00:28	1
Magnesium	7640		200	10.7	ug/L		03/26/18 07:30	03/27/18 00:28	1
Manganese	3.4	B	10.0	0.26	ug/L		03/26/18 07:30	03/27/18 00:28	1
Nickel	2.6	U	40.0	2.6	ug/L		03/26/18 07:30	03/27/18 00:28	1
Potassium	3780	C	3000	237	ug/L		03/26/18 07:30	03/27/18 00:28	1
Silver	0.93	U	10.0	0.93	ug/L		03/26/18 07:30	03/27/18 00:28	1
Sodium	17600		1000	117	ug/L		03/30/18 08:38	04/03/18 21:06	1
Vanadium	24.6		10.0	1.1	ug/L		03/26/18 07:30	03/27/18 00:28	1
Zinc	4.5	U	20.0	4.5	ug/L		03/26/18 07:30	03/27/18 00:28	1

Client Sample ID: B3HKP6
Date Collected: 03/13/18 09:07
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2	U	20.0	5.2	ug/L		03/26/18 07:30	03/27/18 00:31	1
Arsenic	4.4	U	15.0	4.4	ug/L		03/26/18 07:30	03/27/18 00:31	1
Barium	35.4		10.0	0.82	ug/L		03/26/18 07:30	03/27/18 00:31	1
Cadmium	0.45	U	5.0	0.45	ug/L		03/26/18 07:30	03/27/18 00:31	1
Calcium	24300		200	34.5	ug/L		03/26/18 07:30	03/27/18 00:31	1
Chromium	16.9		10.0	0.66	ug/L		03/26/18 07:30	03/27/18 00:31	1
Cobalt	1.2	U	10.0	1.2	ug/L		03/26/18 07:30	03/27/18 00:31	1
Copper	4.2	U	15.0	4.2	ug/L		03/26/18 07:30	03/27/18 00:31	1
Iron	22.4	B	100	22.0	ug/L		03/26/18 07:30	03/27/18 00:31	1
Magnesium	7880		200	10.7	ug/L		03/26/18 07:30	03/27/18 00:31	1
Manganese	0.38	B	10.0	0.26	ug/L		03/26/18 07:30	03/27/18 00:31	1
Nickel	2.6	U	40.0	2.6	ug/L		03/26/18 07:30	03/27/18 00:31	1
Potassium	3850	C	3000	237	ug/L		03/26/18 07:30	03/27/18 00:31	1
Silver	0.93	U	10.0	0.93	ug/L		03/26/18 07:30	03/27/18 00:31	1
Sodium	17900		1000	117	ug/L		03/30/18 08:38	04/03/18 21:09	1
Vanadium	25.6		10.0	1.1	ug/L		03/26/18 07:30	03/27/18 00:31	1
Zinc	4.5	U	20.0	4.5	ug/L		03/26/18 07:30	03/27/18 00:31	1

General Chemistry

Client Sample ID: B3HL96
Date Collected: 03/12/18 12:36
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	105000		5000	1070	ug/L			03/16/18 19:26	1

Client Sample ID: B3HK13
Date Collected: 03/13/18 09:36
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	89500		5000	1070	ug/L			03/21/18 22:18	1

TestAmerica Denver

04/11/2018
Client Sample Results

REV.0

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

General Chemistry

Client Sample ID: B3HKP4
Date Collected: 03/13/18 09:07
Date Received: 03/14/18 09:10

Lab Sample ID: 280-107370-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	88400		5000	1070	ug/L			03/21/18 22:31	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 280-408192/1-A
Matrix: Water
Analysis Batch: 409165

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 408192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.2	U	20.0	5.2	ug/L		03/26/18 07:30	03/27/18 00:04	1
Arsenic	4.4	U	15.0	4.4	ug/L		03/26/18 07:30	03/27/18 00:04	1
Barium	0.82	U	10.0	0.82	ug/L		03/26/18 07:30	03/27/18 00:04	1
Cadmium	0.45	U	5.0	0.45	ug/L		03/26/18 07:30	03/27/18 00:04	1
Calcium	37.30	B	200	34.5	ug/L		03/26/18 07:30	03/27/18 00:04	1
Chromium	0.66	U	10.0	0.66	ug/L		03/26/18 07:30	03/27/18 00:04	1
Cobalt	1.2	U	10.0	1.2	ug/L		03/26/18 07:30	03/27/18 00:04	1
Copper	4.2	U	15.0	4.2	ug/L		03/26/18 07:30	03/27/18 00:04	1
Iron	22.0	U	100	22.0	ug/L		03/26/18 07:30	03/27/18 00:04	1
Magnesium	10.7	U	200	10.7	ug/L		03/26/18 07:30	03/27/18 00:04	1
Manganese	0.26	U	10.0	0.26	ug/L		03/26/18 07:30	03/27/18 00:04	1
Nickel	2.6	U	40.0	2.6	ug/L		03/26/18 07:30	03/27/18 00:04	1
Potassium	485.0	B	3000	237	ug/L		03/26/18 07:30	03/27/18 00:04	1
Silver	0.93	U	10.0	0.93	ug/L		03/26/18 07:30	03/27/18 00:04	1
Vanadium	1.1	U	10.0	1.1	ug/L		03/26/18 07:30	03/27/18 00:04	1
Zinc	4.5	U	20.0	4.5	ug/L		03/26/18 07:30	03/27/18 00:04	1

Lab Sample ID: LCS 280-408192/2-A
Matrix: Water
Analysis Batch: 409165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 408192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	500	461.9		ug/L		92	80 - 120
Arsenic	500	459.8		ug/L		92	80 - 120
Barium	500	488.8		ug/L		98	80 - 120
Cadmium	500	467.0		ug/L		93	80 - 120
Calcium	10000	9709		ug/L		97	80 - 120
Chromium	500	465.9		ug/L		93	80 - 120
Cobalt	500	465.5		ug/L		93	80 - 120
Copper	500	460.1		ug/L		92	80 - 120
Iron	10000	9536		ug/L		95	80 - 120
Magnesium	10000	9389		ug/L		94	80 - 120
Manganese	500	482.3		ug/L		96	80 - 120
Nickel	500	453.6		ug/L		91	80 - 120
Potassium	10000	10450		ug/L		104	80 - 120
Silver	500	477.6		ug/L		96	80 - 120
Vanadium	500	470.1		ug/L		94	80 - 120
Zinc	500	461.1		ug/L		92	80 - 120

Lab Sample ID: 280-107370-2 MS
Matrix: Water
Analysis Batch: 409165

Client Sample ID: B3HK13
Prep Type: Total/NA
Prep Batch: 408192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	5.2	U	500	490.0		ug/L		98	75 - 125
Arsenic	4.4	U	500	486.6		ug/L		97	75 - 125
Barium	32.6		500	551.1		ug/L		104	75 - 125
Cadmium	0.45	U	500	484.4		ug/L		97	75 - 125

TestAmerica Denver

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 280-107370-2 MS
Matrix: Water
Analysis Batch: 409165

Client Sample ID: B3HK13
Prep Type: Total/NA
Prep Batch: 408192

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Calcium	26000		10000	38060		ug/L		120		75 - 125
Chromium	2.8	B	500	487.9		ug/L		97		75 - 125
Cobalt	1.2	U	500	475.6		ug/L		95		75 - 125
Copper	4.2	U	500	483.9		ug/L		97		75 - 125
Iron	64.6	B	10000	10210		ug/L		101		75 - 125
Magnesium	8740		10000	18970		ug/L		102		75 - 125
Manganese	1.9	B	500	497.5		ug/L		99		75 - 125
Nickel	2.6	U	500	466.9		ug/L		93		75 - 125
Potassium	4020	C	10000	14750		ug/L		107		75 - 125
Silver	0.93	U	500	501.3		ug/L		100		75 - 125
Vanadium	26.5		500	520.1		ug/L		99		75 - 125
Zinc	4.5	U	500	482.7		ug/L		97		75 - 125

Lab Sample ID: 280-107370-2 MSD
Matrix: Water
Analysis Batch: 409165

Client Sample ID: B3HK13
Prep Type: Total/NA
Prep Batch: 408192

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	5.2	U	500	438.7		ug/L		88		75 - 125	11	20
Arsenic	4.4	U	500	441.5		ug/L		88		75 - 125	10	20
Barium	32.6		500	479.9		ug/L		89		75 - 125	14	20
Cadmium	0.45	U	500	435.4		ug/L		87		75 - 125	11	20
Calcium	26000		10000	33680		ug/L		76		75 - 125	12	20
Chromium	2.8	B	500	438.1		ug/L		87		75 - 125	11	20
Cobalt	1.2	U	500	429.7		ug/L		86		75 - 125	10	20
Copper	4.2	U	500	434.2		ug/L		87		75 - 125	11	20
Iron	64.6	B	10000	8865		ug/L		88		75 - 125	14	20
Magnesium	8740		10000	17240		ug/L		85		75 - 125	10	20
Manganese	1.9	B	500	448.8		ug/L		89		75 - 125	10	20
Nickel	2.6	U	500	417.8		ug/L		84		75 - 125	11	20
Potassium	4020	C	10000	12890		ug/L		89		75 - 125	13	20
Silver	0.93	U	500	451.3		ug/L		90		75 - 125	10	20
Vanadium	26.5		500	467.4		ug/L		88		75 - 125	11	20
Zinc	4.5	U	500	434.1		ug/L		87		75 - 125	11	20

Lab Sample ID: MB 280-409622/1-A
Matrix: Water
Analysis Batch: 410115

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 409622

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sodium	117	U	1000	117	ug/L		03/30/18 08:38	04/03/18 20:42	1

Lab Sample ID: LCS 280-409622/2-A
Matrix: Water
Analysis Batch: 410115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 409622

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Sodium	50000	52360		ug/L		105		80 - 120

TestAmerica Denver

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 280-107370-2 MS
Matrix: Water
Analysis Batch: 410115

Client Sample ID: B3HK13
Prep Type: Total/NA
Prep Batch: 409622
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Sodium	27600		50000	83270		ug/L		111	75 - 125

Lab Sample ID: 280-107370-2 MSD
Matrix: Water
Analysis Batch: 410115

Client Sample ID: B3HK13
Prep Type: Total/NA
Prep Batch: 409622
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sodium	27600		50000	83790		ug/L		112	75 - 125	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 280-408238/6
Matrix: Water
Analysis Batch: 408238

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	1070	U	5000	1070	ug/L			03/16/18 19:20	1

Lab Sample ID: LCS 280-408238/4
Matrix: Water
Analysis Batch: 408238

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Alkalinity as CaCO3	200000	185000		ug/L		93	80 - 120

Lab Sample ID: LCSD 280-408238/5
Matrix: Water
Analysis Batch: 408238

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Alkalinity as CaCO3	200000	185900		ug/L		93	80 - 120	0	20

Lab Sample ID: 280-107370-1 DU
Matrix: Water
Analysis Batch: 408238

Client Sample ID: B3HL96
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Alkalinity as CaCO3	105000		105100		ug/L		0.5	20

Lab Sample ID: MB 280-408776/5
Matrix: Water
Analysis Batch: 408776

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	1070	U	5000	1070	ug/L			03/21/18 22:11	1

Client: CH2M Hill Plateau Remediation Company
 Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
 SDG: DN0337

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 280-408776/4
 Matrix: Water
 Analysis Batch: 408776

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity as CaCO3	200000	185200		ug/L		93	80 - 120

Lab Sample ID: 280-107370-2 DU
 Matrix: Water
 Analysis Batch: 408776

Client Sample ID: B3HK13
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity as CaCO3	89500		88610		ug/L		1	20



Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

Metals

Prep Batch: 408192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-2	B3HK13	Total/NA	Water	3010A	
280-107370-3	B3HK15	Total/NA	Water	3010A	
280-107370-4	B3HKP4	Total/NA	Water	3010A	
280-107370-5	B3HKP6	Total/NA	Water	3010A	
MB 280-408192/1-A	Method Blank	Total/NA	Water	3010A	
LCS 280-408192/2-A	Lab Control Sample	Total/NA	Water	3010A	
280-107370-2 MS	B3HK13	Total/NA	Water	3010A	
280-107370-2 MSD	B3HK13	Total/NA	Water	3010A	

Analysis Batch: 409165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-2	B3HK13	Total/NA	Water	6010D	408192
280-107370-3	B3HK15	Total/NA	Water	6010D	408192
280-107370-4	B3HKP4	Total/NA	Water	6010D	408192
280-107370-5	B3HKP6	Total/NA	Water	6010D	408192
MB 280-408192/1-A	Method Blank	Total/NA	Water	6010D	408192
LCS 280-408192/2-A	Lab Control Sample	Total/NA	Water	6010D	408192
280-107370-2 MS	B3HK13	Total/NA	Water	6010D	408192
280-107370-2 MSD	B3HK13	Total/NA	Water	6010D	408192

Prep Batch: 409622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-2	B3HK13	Total/NA	Water	3010A	
280-107370-3	B3HK15	Total/NA	Water	3010A	
280-107370-4	B3HKP4	Total/NA	Water	3010A	
280-107370-5	B3HKP6	Total/NA	Water	3010A	
MB 280-409622/1-A	Method Blank	Total/NA	Water	3010A	
LCS 280-409622/2-A	Lab Control Sample	Total/NA	Water	3010A	
280-107370-2 MS	B3HK13	Total/NA	Water	3010A	
280-107370-2 MSD	B3HK13	Total/NA	Water	3010A	

Analysis Batch: 410115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-2	B3HK13	Total/NA	Water	6010D	409622
280-107370-3	B3HK15	Total/NA	Water	6010D	409622
280-107370-4	B3HKP4	Total/NA	Water	6010D	409622
280-107370-5	B3HKP6	Total/NA	Water	6010D	409622
MB 280-409622/1-A	Method Blank	Total/NA	Water	6010D	409622
LCS 280-409622/2-A	Lab Control Sample	Total/NA	Water	6010D	409622
280-107370-2 MS	B3HK13	Total/NA	Water	6010D	409622
280-107370-2 MSD	B3HK13	Total/NA	Water	6010D	409622

General Chemistry

Analysis Batch: 408238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-1	B3HL96	Total/NA	Water	SM 2320B	
MB 280-408238/6	Method Blank	Total/NA	Water	SM 2320B	
LCS 280-408238/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 280-408238/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

04/11/2018
QC Association Summary

REV.0

Client: CH2M Hill Plateau Remediation Company
Project/Site: W18-003

TestAmerica Job ID: 280-107370-1
SDG: DN0337

General Chemistry (Continued)

Analysis Batch: 408238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-1 DU	B3HL96	Total/NA	Water	SM 2320B	

Analysis Batch: 408776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-107370-2	B3HK13	Total/NA	Water	SM 2320B	
280-107370-4	B3HKP4	Total/NA	Water	SM 2320B	
MB 280-408776/5	Method Blank	Total/NA	Water	SM 2320B	
LCS 280-408776/4	Lab Control Sample	Total/NA	Water	SM 2320B	
280-107370-2 DU	B3HK13	Total/NA	Water	SM 2320B	

