

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-127751-1
Client Project/Site: Powerton CCR

For:
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 2B
Brookfield, Wisconsin 53005

Attn: Richard Gnat



Authorized for release by:
5/19/2017 10:08:13 AM

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LINKS

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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.
MWG13-15_61834

COMP. EX. 215H

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Case Narrative

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Job ID: 500-127751-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-127751-1

Comments

No additional comments.

Receipt

The samples were received on 5/5/2017 5:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.7° C and 3.2° C.

Metals

Method(s) 6020A: The internal standard Terbium was used to report the elements Lead (Pb) and Thallium(Tl) in batch 500-384908 .The LCS and MS were spiked with Trace digestion spike which contains the element Bismuth(Bi).

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

General Chemistry

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



Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-01

Lab Sample ID: 500-127751-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.0015		0.0010		mg/L	1			6020A	Total
										Recoverable
Barium	0.045		0.0025		mg/L	1			6020A	Total
										Recoverable
Boron	0.19		0.050		mg/L	1			6020A	Total
										Recoverable
Calcium	86		0.20		mg/L	1			6020A	Total
										Recoverable
Cobalt	0.0033		0.0010		mg/L	1			6020A	Total
										Recoverable
Lead	0.0067		0.00050		mg/L	1			6020A	Total
										Recoverable
Total Dissolved Solids	460		10		mg/L	1			SM 2540C	Total/NA
Chloride	86		2.0		mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.16		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	45		20		mg/L	4			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-05

Lab Sample ID: 500-127751-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.059		0.0025		mg/L	1			6020A	Total
										Recoverable
Boron	0.70		0.050		mg/L	1			6020A	Total
										Recoverable
Calcium	100		0.20		mg/L	1			6020A	Total
										Recoverable
Molybdenum	0.0066		0.0050		mg/L	1			6020A	Total
										Recoverable
Total Dissolved Solids	710		10		mg/L	1			SM 2540C	Total/NA
Chloride	92		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.28		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	170		50		mg/L	10			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-08

Lab Sample ID: 500-127751-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.022		0.010		mg/L	1			6010C	Total
										Recoverable
Arsenic	0.0029		0.0010		mg/L	1			6020A	Total
										Recoverable
Barium	0.13		0.0025		mg/L	1			6020A	Total
										Recoverable
Boron	0.55		0.050		mg/L	1			6020A	Total
										Recoverable
Calcium	140		0.20		mg/L	1			6020A	Total
										Recoverable
Molybdenum	0.0083		0.0050		mg/L	1			6020A	Total
										Recoverable
Total Dissolved Solids	1300		10		mg/L	1			SM 2540C	Total/NA
Chloride	300		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.33		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	320		100		mg/L	20			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-09

Lab Sample ID: 500-127751-4

This Detection Summary does not include radiochemical test results

TestAmerica Chicago

MWG13-15_61837
5/19/2017

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-09 (Continued)

Lab Sample ID: 500-127751-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.0012		0.0010		mg/L	1			6020A	Total
Barium	0.034		0.0025		mg/L	1			6020A	Recoverable
Boron	3.5		0.50		mg/L	10			6020A	Total
Calcium	85		0.20		mg/L	1			6020A	Recoverable
Molybdenum	0.034		0.0050		mg/L	1			6020A	Total
Selenium	0.011		0.0025		mg/L	1			6020A	Recoverable
Total Dissolved Solids	680		10		mg/L	1			SM 2540C	Total/NA
Chloride	38		2.0		mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.17		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	170		50		mg/L	10			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 500-127751-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.039		0.0010		mg/L	1			6020A	Total
Barium	0.26		0.0025		mg/L	1			6020A	Recoverable
Boron	1.3		0.25		mg/L	5			6020A	Total
Calcium	160		0.20		mg/L	1			6020A	Recoverable
Cobalt	0.0035		0.0010		mg/L	1			6020A	Total
Lead	0.00093		0.00050		mg/L	1			6020A	Recoverable
Molybdenum	0.015		0.0050		mg/L	1			6020A	Total
Total Dissolved Solids	1300		10		mg/L	1			SM 2540C	Total/NA
Chloride	160		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.42		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	440		100		mg/L	20			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 500-127751-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.011		0.010		mg/L	1			6010C	Total
Arsenic	0.10		0.0010		mg/L	1			6020A	Recoverable
Barium	0.17		0.0025		mg/L	1			6020A	Total
Boron	0.49		0.050		mg/L	1			6020A	Recoverable
Cadmium	0.0022		0.00050		mg/L	1			6020A	Total
Calcium	120		0.20		mg/L	1			6020A	Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

MWG13-15_61838
5/19/2017

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-12 (Continued)

Lab Sample ID: 500-127751-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lead	0.0038		0.00050		mg/L	1			6020A	Total
										Recoverable
Molybdenum	0.017		0.0050		mg/L	1			6020A	Total
										Recoverable
Total Dissolved Solids	1200		10		mg/L	1			SM 2540C	Total/NA
Chloride	190		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.37		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	500		100		mg/L	20			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 500-127751-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.023		0.010		mg/L	1			6010C	Total
										Recoverable
Arsenic	0.011		0.0010		mg/L	1			6020A	Total
										Recoverable
Barium	0.049		0.0025		mg/L	1			6020A	Total
										Recoverable
Boron	1.5		0.25		mg/L	5			6020A	Total
										Recoverable
Calcium	180		0.20		mg/L	1			6020A	Total
										Recoverable
Molybdenum	0.023		0.0050		mg/L	1			6020A	Total
										Recoverable
Selenium	0.0034		0.0025		mg/L	1			6020A	Total
										Recoverable
Total Dissolved Solids	1700		10		mg/L	1			SM 2540C	Total/NA
Chloride	190		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.57		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	670		100		mg/L	20			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 500-127751-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.016		0.010		mg/L	1			6010C	Total
										Recoverable
Arsenic	0.24		0.0010		mg/L	1			6020A	Total
										Recoverable
Barium	0.39		0.0025		mg/L	1			6020A	Total
										Recoverable
Beryllium	0.0013		0.0010		mg/L	1			6020A	Total
										Recoverable
Boron	1.2		0.25		mg/L	5			6020A	Total
										Recoverable
Cadmium	0.0023		0.00050		mg/L	1			6020A	Total
										Recoverable
Calcium	170		0.20		mg/L	1			6020A	Total
										Recoverable
Cobalt	0.0023		0.0010		mg/L	1			6020A	Total
										Recoverable
Lead	0.00066		0.00050		mg/L	1			6020A	Total
										Recoverable
Molybdenum	0.036		0.0050		mg/L	1			6020A	Total
										Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

MWG13-15_61839
5/19/2017

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-17 (Continued)

Lab Sample ID: 500-127751-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Thallium	0.0065		0.0020		mg/L			1	6020A	Total Recoverable
Total Dissolved Solids	1500		10		mg/L			1	SM 2540C	Total/NA
Chloride	210		10		mg/L			5	SM 4500 Cl- E	Total/NA
Fluoride	0.61		0.10		mg/L			1	SM 4500 F C	Total/NA
Sulfate	720		130		mg/L			25	SM 4500 SO4 E	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 500-127751-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.010		0.010		mg/L			1	6010C	Total Recoverable
Arsenic	0.0032		0.0010		mg/L			1	6020A	Total Recoverable
Barium	0.12		0.0025		mg/L			1	6020A	Total Recoverable
Boron	0.46		0.050		mg/L			1	6020A	Total Recoverable
Calcium	130		0.20		mg/L			1	6020A	Total Recoverable
Lead	0.00057		0.00050		mg/L			1	6020A	Total Recoverable
Total Dissolved Solids	1100		10		mg/L			1	SM 2540C	Total/NA
Chloride	180		10		mg/L			5	SM 4500 Cl- E	Total/NA
Fluoride	0.52		0.10		mg/L			1	SM 4500 F C	Total/NA
Sulfate	360		100		mg/L			20	SM 4500 SO4 E	Total/NA

Client Sample ID: MW-19

Lab Sample ID: 500-127751-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.076		0.0025		mg/L			1	6020A	Total Recoverable
Boron	3.3		0.50		mg/L			10	6020A	Total Recoverable
Calcium	88		0.20		mg/L			1	6020A	Total Recoverable
Cobalt	0.0013		0.0010		mg/L			1	6020A	Total Recoverable
Lead	0.0012		0.00050		mg/L			1	6020A	Total Recoverable
Molybdenum	0.035		0.0050		mg/L			1	6020A	Total Recoverable
Selenium	0.0068		0.0025		mg/L			1	6020A	Total Recoverable
Total Dissolved Solids	640		10		mg/L			1	SM 2540C	Total/NA
Chloride	38		2.0		mg/L			1	SM 4500 Cl- E	Total/NA
Fluoride	0.14		0.10		mg/L			1	SM 4500 F C	Total/NA
Sulfate	160		50		mg/L			10	SM 4500 SO4 E	Total/NA

Client Sample ID: Duplicate

Lab Sample ID: 500-127751-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.0014		0.0010		mg/L			1	6020A	Total Recoverable

This Detection Summary does not include radiochemical test results

TestAmerica Chicago



Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: Duplicate (Continued)

Lab Sample ID: 500-127751-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.047		0.0025		mg/L	1			6020A	Total
Boron	0.18		0.050		mg/L	1			6020A	Total
Calcium	90		0.20		mg/L	1			6020A	Total
Cobalt	0.0040		0.0010		mg/L	1			6020A	Total
Lead	0.0084		0.00050		mg/L	1			6020A	Total
Total Dissolved Solids	450		10		mg/L	1			SM 2540C	Total/NA
Chloride	60		2.0		mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.15		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	57		10		mg/L	2			SM 4500 SO4 E	Total/NA



This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL CHI
SM 4500 Cl- E	Chloride, Total	SM	TAL CHI
SM 4500 F C	Fluoride	SM	TAL CHI
SM 4500 SO4 E	Sulfate, Total	SM	TAL CHI

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 CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-127751-1	MW-01	Water	05/03/17 09:48	05/05/17 17:30
500-127751-2	MW-05	Water	05/01/17 15:54	05/05/17 17:30
500-127751-3	MW-08	Water	05/02/17 13:25	05/05/17 17:30
500-127751-4	MW-09	Water	05/03/17 11:24	05/05/17 17:30
500-127751-5	MW-11	Water	05/03/17 13:37	05/05/17 17:30
500-127751-6	MW-12	Water	05/03/17 16:00	05/05/17 17:30
500-127751-7	MW-15	Water	05/04/17 13:05	05/05/17 17:30
500-127751-8	MW-17	Water	05/04/17 15:47	05/05/17 17:30
500-127751-9	MW-18	Water	05/05/17 10:04	05/05/17 17:30
500-127751-10	MW-19	Water	05/05/17 11:17	05/05/17 17:30
500-127751-11	Duplicate	Water	05/03/17 00:00	05/05/17 17:30



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-01
Date Collected: 05/03/17 09:48
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-1
Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 13:17	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

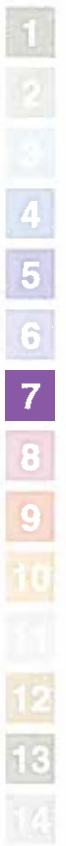
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 17:55	1
Arsenic	0.0015		0.0010		mg/L		05/10/17 07:55	05/11/17 17:55	1
Barium	0.045		0.0025		mg/L		05/10/17 07:55	05/11/17 17:55	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:55	1
Boron	0.19		0.050		mg/L		05/10/17 07:55	05/15/17 13:09	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 17:55	1
Calcium	86		0.20		mg/L		05/10/17 07:55	05/11/17 17:55	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 17:55	1
Cobalt	0.0033		0.0010		mg/L		05/10/17 07:55	05/11/17 17:55	1
Lead	0.0067		0.00050		mg/L		05/10/17 07:55	05/11/17 17:55	1
Molybdenum	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 17:55	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 17:55	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 17:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	460		10		mg/L			05/08/17 07:59	1
Chloride	66		2.0		mg/L			05/11/17 23:06	1
Fluoride	0.16		0.10		mg/L			05/17/17 18:23	1
Sulfate	45		20		mg/L			05/13/17 23:43	4



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-05
Date Collected: 05/01/17 15:54
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-2
Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 13:21	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 17:59	1
Arsenic	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:59	1
Barium	0.059		0.0025		mg/L		05/10/17 07:55	05/11/17 17:59	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:59	1
Boron	0.70		0.050		mg/L		05/10/17 07:55	05/15/17 13:13	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 17:59	1
Calcium	100		0.20		mg/L		05/10/17 07:55	05/11/17 17:59	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 17:59	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:59	1
Lead	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 17:59	1
Molybdenum	0.0066		0.0050		mg/L		05/10/17 07:55	05/11/17 17:59	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 17:59	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 17:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	710		10		mg/L			05/08/17 08:06	1
Chloride	92		10		mg/L			05/11/17 23:07	5
Fluoride	0.28		0.10		mg/L			05/17/17 18:26	1
Sulfate	170		50		mg/L			05/13/17 23:44	10



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-08

Date Collected: 05/02/17 13:25

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-3

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.022		0.010		mg/L		05/10/17 07:55	05/12/17 13:25	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

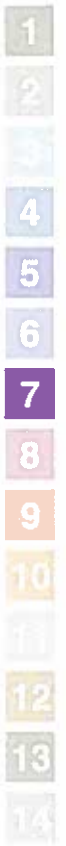
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:03	1
Arsenic	0.0029		0.0010		mg/L		05/10/17 07:55	05/11/17 18:03	1
Barium	0.13		0.0025		mg/L		05/10/17 07:55	05/11/17 18:03	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:03	1
Boron	0.55		0.050		mg/L		05/10/17 07:55	05/15/17 13:17	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:03	1
Calcium	140		0.20		mg/L		05/10/17 07:55	05/11/17 18:03	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:03	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:03	1
Lead	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:03	1
Molybdenum	0.0083		0.0050		mg/L		05/10/17 07:55	05/11/17 18:03	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:03	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1300		10		mg/L			05/08/17 08:11	1
Chloride	300		10		mg/L			05/11/17 23:08	5
Fluoride	0.33		0.10		mg/L			05/17/17 18:29	1
Sulfate	320		100		mg/L			05/13/17 23:45	20



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-09

Date Collected: 05/03/17 11:24

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-4

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 13:30	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:06	1
Arsenic	0.0012		0.0010		mg/L		05/10/17 07:55	05/11/17 18:06	1
Barium	0.034		0.0025		mg/L		05/10/17 07:55	05/11/17 18:06	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:06	1
Boron	3.5		0.50		mg/L		05/10/17 07:55	05/15/17 13:20	10
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:06	1
Calcium	85		0.20		mg/L		05/10/17 07:55	05/11/17 18:06	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:06	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:06	1
Lead	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:06	1
Molybdenum	0.034		0.0050		mg/L		05/10/17 07:55	05/11/17 18:06	1
Selenium	0.011		0.0025		mg/L		05/10/17 07:55	05/11/17 18:06	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	680		10		mg/L			05/08/17 08:14	1
Chloride	38		2.0		mg/L			05/11/17 23:11	1
Fluoride	0.17		0.10		mg/L			05/17/17 18:37	1
Sulfate	170		50		mg/L			05/13/17 23:46	10



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-11

Date Collected: 05/03/17 13:37

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-5

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 13:33	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:10	1
Arsenic	0.039		0.0010		mg/L		05/10/17 07:55	05/11/17 18:10	1
Barium	0.26		0.0025		mg/L		05/10/17 07:55	05/11/17 18:10	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:10	1
Boron	1.3		0.25		mg/L		05/10/17 07:55	05/15/17 13:24	5
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:10	1
Calcium	160		0.20		mg/L		05/10/17 07:55	05/11/17 18:10	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:10	1
Cobalt	0.0035		0.0010		mg/L		05/10/17 07:55	05/11/17 18:10	1
Lead	0.00093		0.00050		mg/L		05/10/17 07:55	05/11/17 18:10	1
Molybdenum	0.015		0.0050		mg/L		05/10/17 07:55	05/11/17 18:10	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:10	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1300		10		mg/L			05/08/17 08:16	1
Chloride	160		10		mg/L			05/11/17 23:42	5
Fluoride	0.42		0.10		mg/L			05/17/17 18:40	1
Sulfate	440		100		mg/L			05/13/17 23:47	20



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-12

Date Collected: 05/03/17 16:00

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-6

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.011		0.010		mg/L		05/10/17 07:55	05/12/17 14:17	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:14	1
Arsenic	0.10		0.0010		mg/L		05/10/17 07:55	05/11/17 18:14	1
Barium	0.17		0.0025		mg/L		05/10/17 07:55	05/11/17 18:14	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:14	1
Boron	0.49		0.050		mg/L		05/10/17 07:55	05/15/17 13:36	1
Cadmium	0.0022		0.00050		mg/L		05/10/17 07:55	05/11/17 18:14	1
Calcium	120		0.20		mg/L		05/10/17 07:55	05/11/17 18:14	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:14	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:14	1
Lead	0.0038		0.00050		mg/L		05/10/17 07:55	05/11/17 18:14	1
Molybdenum	0.017		0.0050		mg/L		05/10/17 07:55	05/11/17 18:14	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:14	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			05/08/17 08:19	1
Chloride	190		10		mg/L			05/11/17 23:15	5
Fluoride	0.37		0.10		mg/L			05/17/17 18:43	1
Sulfate	500		100		mg/L			05/15/17 08:15	20



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-15

Date Collected: 05/04/17 13:05

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-7

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.023		0.010		mg/L		05/10/17 07:55	05/12/17 14:21	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:25	1
Arsenic	0.011		0.0010		mg/L		05/10/17 07:55	05/11/17 18:25	1
Barium	0.049		0.0025		mg/L		05/10/17 07:55	05/11/17 18:25	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:25	1
Boron	1.5		0.25		mg/L		05/10/17 07:55	05/15/17 13:39	5
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:25	1
Calcium	180		0.20		mg/L		05/10/17 07:55	05/11/17 18:25	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:25	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:25	1
Lead	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:25	1
Molybdenum	0.023		0.0050		mg/L		05/10/17 07:55	05/11/17 18:25	1
Selenium	0.0034		0.0025		mg/L		05/10/17 07:55	05/11/17 18:25	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1700		10		mg/L			05/08/17 08:21	1
Chloride	190		10		mg/L			05/11/17 23:15	5
Fluoride	0.57		0.10		mg/L			05/17/17 18:54	1
Sulfate	670		100		mg/L			05/15/17 08:16	20



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-17

Date Collected: 05/04/17 15:47

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-8

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.010		mg/L		05/10/17 07:55	05/12/17 14:32	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:29	1
Arsenic	0.24		0.0010		mg/L		05/10/17 07:55	05/11/17 18:29	1
Barium	0.39		0.0025		mg/L		05/10/17 07:55	05/11/17 18:29	1
Beryllium	0.0013		0.0010		mg/L		05/10/17 07:55	05/11/17 18:29	1
Boron	1.2		0.25		mg/L		05/10/17 07:55	05/15/17 13:43	5
Cadmium	0.0023		0.00050		mg/L		05/10/17 07:55	05/11/17 18:29	1
Calcium	170		0.20		mg/L		05/10/17 07:55	05/11/17 18:29	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:29	1
Cobalt	0.0023		0.0010		mg/L		05/10/17 07:55	05/11/17 18:29	1
Lead	0.00066		0.00050		mg/L		05/10/17 07:55	05/11/17 18:29	1
Molybdenum	0.036		0.0050		mg/L		05/10/17 07:55	05/11/17 18:29	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:29	1
Thallium	0.0065		0.0020		mg/L		05/10/17 07:55	05/11/17 18:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1500		10		mg/L			05/08/17 08:24	1
Chloride	210		10		mg/L			05/11/17 23:16	5
Fluoride	0.61		0.10		mg/L			05/17/17 18:57	1
Sulfate	720		130		mg/L			05/15/17 08:17	25



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-18

Date Collected: 05/05/17 10:04

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-9

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.010		0.010		mg/L		05/10/17 07:55	05/12/17 14:36	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:33	1
Arsenic	0.0032		0.0010		mg/L		05/10/17 07:55	05/11/17 18:33	1
Barium	0.12		0.0025		mg/L		05/10/17 07:55	05/11/17 18:33	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:33	1
Boron	0.46		0.050		mg/L		05/10/17 07:55	05/15/17 13:47	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:33	1
Calcium	130		0.20		mg/L		05/10/17 07:55	05/11/17 18:33	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:33	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:33	1
Lead	0.00057		0.00050		mg/L		05/10/17 07:55	05/11/17 18:33	1
Molybdenum	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:33	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:33	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10		mg/L			05/08/17 08:27	1
Chloride	180		10		mg/L			05/11/17 23:16	5
Fluoride	0.52		0.10		mg/L			05/17/17 19:00	1
Sulfate	360		100		mg/L			05/15/17 08:18	20



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-19

Date Collected: 05/05/17 11:17

Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-10

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 14:40	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:37	1
Arsenic	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:37	1
Barium	0.076		0.0025		mg/L		05/10/17 07:55	05/11/17 18:37	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:37	1
Boron	3.3		0.50		mg/L		05/10/17 07:55	05/15/17 13:51	10
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:37	1
Calcium	88		0.20		mg/L		05/10/17 07:55	05/11/17 18:37	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:37	1
Cobalt	0.0013		0.0010		mg/L		05/10/17 07:55	05/11/17 18:37	1
Lead	0.0012		0.00050		mg/L		05/10/17 07:55	05/11/17 18:37	1
Molybdenum	0.035		0.0050		mg/L		05/10/17 07:55	05/11/17 18:37	1
Selenium	0.0068		0.0025		mg/L		05/10/17 07:55	05/11/17 18:37	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	640		10		mg/L			05/08/17 08:29	1
Chloride	38		2.0		mg/L			05/11/17 23:17	1
Fluoride	0.14		0.10		mg/L			05/17/17 19:03	1
Sulfate	160		50		mg/L			05/15/17 08:19	10



Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: Duplicate

Lab Sample ID: 500-127751-11

Date Collected: 05/03/17 00:00

Matrix: Water

Date Received: 05/05/17 17:30

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 14:44	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 18:40	1
Arsenic	0.0014		0.0010		mg/L		05/10/17 07:55	05/11/17 18:40	1
Barium	0.047		0.0025		mg/L		05/10/17 07:55	05/11/17 18:40	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 18:40	1
Boron	0.18		0.050		mg/L		05/10/17 07:55	05/15/17 13:55	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 18:40	1
Calcium	90		0.20		mg/L		05/10/17 07:55	05/11/17 18:40	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:40	1
Cobalt	0.0040		0.0010		mg/L		05/10/17 07:55	05/11/17 18:40	1
Lead	0.0084		0.00050		mg/L		05/10/17 07:55	05/11/17 18:40	1
Molybdenum	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 18:40	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 18:40	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 18:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	450		10		mg/L			05/08/17 08:32	1
Chloride	60		2.0		mg/L			05/11/17 23:19	1
Fluoride	0.15		0.10		mg/L			05/17/17 19:07	1
Sulfate	57		10		mg/L			05/15/17 08:22	2

TestAmerica Chicago

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

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	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)



QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1



Metals

Prep Batch: 384371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	7470A	
500-127751-2	MW-05	Total/NA	Water	7470A	
500-127751-3	MW-08	Total/NA	Water	7470A	
500-127751-4	MW-09	Total/NA	Water	7470A	
500-127751-5	MW-11	Total/NA	Water	7470A	
500-127751-6	MW-12	Total/NA	Water	7470A	
500-127751-7	MW-15	Total/NA	Water	7470A	
500-127751-8	MW-17	Total/NA	Water	7470A	
500-127751-9	MW-18	Total/NA	Water	7470A	
500-127751-10	MW-19	Total/NA	Water	7470A	
500-127751-11	Duplicate	Total/NA	Water	7470A	
MB 500-384371/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-384371/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-127751-1 MS	MW-01	Total/NA	Water	7470A	
500-127751-1 MSD	MW-01	Total/NA	Water	7470A	
500-127751-1 DU	MW-01	Total/NA	Water	7470A	

Prep Batch: 384540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total Recoverable	Water	3005A	
500-127751-2	MW-05	Total Recoverable	Water	3005A	
500-127751-3	MW-08	Total Recoverable	Water	3005A	
500-127751-4	MW-09	Total Recoverable	Water	3005A	
500-127751-5	MW-11	Total Recoverable	Water	3005A	
500-127751-6	MW-12	Total Recoverable	Water	3005A	
500-127751-7	MW-15	Total Recoverable	Water	3005A	
500-127751-8	MW-17	Total Recoverable	Water	3005A	
500-127751-9	MW-18	Total Recoverable	Water	3005A	
500-127751-10	MW-19	Total Recoverable	Water	3005A	
500-127751-11	Duplicate	Total Recoverable	Water	3005A	
MB 500-384540/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-384540/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 384572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	7470A	384371
500-127751-2	MW-05	Total/NA	Water	7470A	384371
500-127751-3	MW-08	Total/NA	Water	7470A	384371
500-127751-4	MW-09	Total/NA	Water	7470A	384371
500-127751-5	MW-11	Total/NA	Water	7470A	384371
500-127751-6	MW-12	Total/NA	Water	7470A	384371
500-127751-7	MW-15	Total/NA	Water	7470A	384371
500-127751-8	MW-17	Total/NA	Water	7470A	384371
500-127751-9	MW-18	Total/NA	Water	7470A	384371
500-127751-10	MW-19	Total/NA	Water	7470A	384371
500-127751-11	Duplicate	Total/NA	Water	7470A	384371
MB 500-384371/12-A	Method Blank	Total/NA	Water	7470A	384371
LCS 500-384371/13-A	Lab Control Sample	Total/NA	Water	7470A	384371
500-127751-1 MS	MW-01	Total/NA	Water	7470A	384371
500-127751-1 MSD	MW-01	Total/NA	Water	7470A	384371
500-127751-1 DU	MW-01	Total/NA	Water	7470A	384371

TestAmerica Chicago

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1



Analysis Batch: 384908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total Recoverable	Water	6020A	384540
500-127751-2	MW-05	Total Recoverable	Water	6020A	384540
500-127751-3	MW-08	Total Recoverable	Water	6020A	384540
500-127751-4	MW-09	Total Recoverable	Water	6020A	384540
500-127751-5	MW-11	Total Recoverable	Water	6020A	384540
500-127751-6	MW-12	Total Recoverable	Water	6020A	384540
500-127751-7	MW-15	Total Recoverable	Water	6020A	384540
500-127751-8	MW-17	Total Recoverable	Water	6020A	384540
500-127751-9	MW-18	Total Recoverable	Water	6020A	384540
500-127751-10	MW-19	Total Recoverable	Water	6020A	384540
500-127751-11	Duplicate	Total Recoverable	Water	6020A	384540
MB 500-384540/1-A	Method Blank	Total Recoverable	Water	6020A	384540
LCS 500-384540/2-A	Lab Control Sample	Total Recoverable	Water	6020A	384540

Analysis Batch: 385029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total Recoverable	Water	6010C	384540
500-127751-2	MW-05	Total Recoverable	Water	6010C	384540
500-127751-3	MW-08	Total Recoverable	Water	6010C	384540
500-127751-4	MW-09	Total Recoverable	Water	6010C	384540
500-127751-5	MW-11	Total Recoverable	Water	6010C	384540
500-127751-6	MW-12	Total Recoverable	Water	6010C	384540
500-127751-7	MW-15	Total Recoverable	Water	6010C	384540
500-127751-8	MW-17	Total Recoverable	Water	6010C	384540
500-127751-9	MW-18	Total Recoverable	Water	6010C	384540
500-127751-10	MW-19	Total Recoverable	Water	6010C	384540
500-127751-11	Duplicate	Total Recoverable	Water	6010C	384540
MB 500-384540/1-A	Method Blank	Total Recoverable	Water	6010C	384540
LCS 500-384540/2-A	Lab Control Sample	Total Recoverable	Water	6010C	384540

Analysis Batch: 385270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total Recoverable	Water	6020A	384540
500-127751-2	MW-05	Total Recoverable	Water	6020A	384540
500-127751-3	MW-08	Total Recoverable	Water	6020A	384540
500-127751-4	MW-09	Total Recoverable	Water	6020A	384540
500-127751-5	MW-11	Total Recoverable	Water	6020A	384540
500-127751-6	MW-12	Total Recoverable	Water	6020A	384540
500-127751-7	MW-15	Total Recoverable	Water	6020A	384540
500-127751-8	MW-17	Total Recoverable	Water	6020A	384540
500-127751-9	MW-18	Total Recoverable	Water	6020A	384540
500-127751-10	MW-19	Total Recoverable	Water	6020A	384540
500-127751-11	Duplicate	Total Recoverable	Water	6020A	384540
MB 500-384540/1-A	Method Blank	Total Recoverable	Water	6020A	384540
LCS 500-384540/2-A	Lab Control Sample	Total Recoverable	Water	6020A	384540

General Chemistry

Analysis Batch: 384161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	SM 2540C	
500-127751-2	MW-05	Total/NA	Water	SM 2540C	
500-127751-3	MW-08	Total/NA	Water	SM 2540C	

TestAmerica Chicago

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1



General Chemistry (Continued)

Analysis Batch: 384161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-4	MW-09	Total/NA	Water	SM 2540C	
500-127751-5	MW-11	Total/NA	Water	SM 2540C	
500-127751-6	MW-12	Total/NA	Water	SM 2540C	
500-127751-7	MW-15	Total/NA	Water	SM 2540C	
500-127751-8	MW-17	Total/NA	Water	SM 2540C	
500-127751-9	MW-18	Total/NA	Water	SM 2540C	
500-127751-10	MW-19	Total/NA	Water	SM 2540C	
500-127751-11	Duplicate	Total/NA	Water	SM 2540C	
MB 500-384161/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-384161/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-127751-1 MS	MW-01	Total/NA	Water	SM 2540C	
500-127751-1 DU	MW-01	Total/NA	Water	SM 2540C	
500-127751-2 DU	MW-05	Total/NA	Water	SM 2540C	

Analysis Batch: 384861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	SM 4500 CI- E	
500-127751-2	MW-05	Total/NA	Water	SM 4500 CI- E	
500-127751-3	MW-08	Total/NA	Water	SM 4500 CI- E	
500-127751-4	MW-09	Total/NA	Water	SM 4500 CI- E	
500-127751-5	MW-11	Total/NA	Water	SM 4500 CI- E	
500-127751-6	MW-12	Total/NA	Water	SM 4500 CI- E	
500-127751-7	MW-15	Total/NA	Water	SM 4500 CI- E	
500-127751-8	MW-17	Total/NA	Water	SM 4500 CI- E	
500-127751-9	MW-18	Total/NA	Water	SM 4500 CI- E	
500-127751-10	MW-19	Total/NA	Water	SM 4500 CI- E	
500-127751-11	Duplicate	Total/NA	Water	SM 4500 CI- E	
MB 500-384861/12	Method Blank	Total/NA	Water	SM 4500 CI- E	
LCS 500-384861/13	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
500-127751-4 MS	MW-09	Total/NA	Water	SM 4500 CI- E	
500-127751-4 MSD	MW-09	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 385077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	SM 4500 SO4 E	
500-127751-2	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-127751-3	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-127751-4	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-127751-5	MW-11	Total/NA	Water	SM 4500 SO4 E	
MB 500-385077/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-385077/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 385170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-6	MW-12	Total/NA	Water	SM 4500 SO4 E	
500-127751-7	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-127751-8	MW-17	Total/NA	Water	SM 4500 SO4 E	
500-127751-9	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-127751-10	MW-19	Total/NA	Water	SM 4500 SO4 E	
500-127751-11	Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-385170/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	

TestAmerica Chicago

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1



General Chemistry (Continued)

Analysis Batch: 385170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-385170/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
500-127751-10 MS	MW-19	Total/NA	Water	SM 4500 SO4 E	
500-127751-10 MSD	MW-19	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 385715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127751-1	MW-01	Total/NA	Water	SM 4500 F C	
500-127751-2	MW-05	Total/NA	Water	SM 4500 F C	
500-127751-3	MW-08	Total/NA	Water	SM 4500 F C	
500-127751-4	MW-09	Total/NA	Water	SM 4500 F C	
500-127751-5	MW-11	Total/NA	Water	SM 4500 F C	
500-127751-6	MW-12	Total/NA	Water	SM 4500 F C	
500-127751-7	MW-15	Total/NA	Water	SM 4500 F C	
500-127751-8	MW-17	Total/NA	Water	SM 4500 F C	
500-127751-9	MW-18	Total/NA	Water	SM 4500 F C	
500-127751-10	MW-19	Total/NA	Water	SM 4500 F C	
500-127751-11	Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-385715/32	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-385715/4	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-385715/33	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-385715/5	Lab Control Sample	Total/NA	Water	SM 4500 F C	

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-384540/1-A
Matrix: Water
Analysis Batch: 385029

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/10/17 07:55	05/12/17 13:10	1

Lab Sample ID: LCS 500-384540/2-A
Matrix: Water
Analysis Batch: 385029

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lithium	0.500	0.511		mg/L		102	80 - 120

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-384540/1-A
Matrix: Water
Analysis Batch: 384908

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/10/17 07:55	05/11/17 17:48	1
Arsenic	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:48	1
Barium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 17:48	1
Beryllium	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:48	1
Cadmium	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 17:48	1
Calcium	<0.20		0.20		mg/L		05/10/17 07:55	05/11/17 17:48	1
Chromium	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 17:48	1
Cobalt	<0.0010		0.0010		mg/L		05/10/17 07:55	05/11/17 17:48	1
Lead	<0.00050		0.00050		mg/L		05/10/17 07:55	05/11/17 17:48	1
Molybdenum	<0.0050		0.0050		mg/L		05/10/17 07:55	05/11/17 17:48	1
Selenium	<0.0025		0.0025		mg/L		05/10/17 07:55	05/11/17 17:48	1
Thallium	<0.0020		0.0020		mg/L		05/10/17 07:55	05/11/17 17:48	1

Lab Sample ID: MB 500-384540/1-A
Matrix: Water
Analysis Batch: 385270

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		05/10/17 07:55	05/15/17 13:01	1

Lab Sample ID: LCS 500-384540/2-A
Matrix: Water
Analysis Batch: 384908

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.493		mg/L		99	80 - 120
Arsenic	0.100	0.0957		mg/L		96	80 - 120
Barium	2.00	1.99		mg/L		99	80 - 120
Beryllium	0.0500	0.0473		mg/L		95	80 - 120
Cadmium	0.0500	0.0507		mg/L		101	80 - 120
Calcium	10.0	11.4		mg/L		114	80 - 120
Chromium	0.200	0.202		mg/L		101	80 - 120
Cobalt	0.500	0.500		mg/L		100	80 - 120

TestAmerica Chicago

MWG13-15_61860
5/19/2017



QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

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

Lab Sample ID: LCS 500-384540/2-A
Matrix: Water
Analysis Batch: 384908

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	0.100	0.104		mg/L		104	80 - 120
Molybdenum	1.00	0.928		mg/L		93	80 - 120
Selenium	0.100	0.0971		mg/L		97	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 500-384540/2-A
Matrix: Water
Analysis Batch: 385270

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 384540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Boron	1.00	0.990		mg/L		99	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-384371/12-A
Matrix: Water
Analysis Batch: 384572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 384371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/09/17 11:00	05/10/17 08:58	1

Lab Sample ID: LCS 500-384371/13-A
Matrix: Water
Analysis Batch: 384572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 384371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00200		mg/L		100	80 - 120

Lab Sample ID: 500-127751-1 MS
Matrix: Water
Analysis Batch: 384572

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 384371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00020		0.00100	0.00103		mg/L		103	75 - 125

Lab Sample ID: 500-127751-1 MSD
Matrix: Water
Analysis Batch: 384572

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 384371

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00020		0.00100	0.000993		mg/L		99	75 - 125	4	20

Lab Sample ID: 500-127751-1 DU
Matrix: Water
Analysis Batch: 384572

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 384371

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

TestAmerica Chicago

MWG13-15_61861
5/19/2017



QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

- 1
- 2
- 3
- 4
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- 7
- 8
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- 10
- 11
- 12
- 13
- 14

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-384161/1
Matrix: Water
Analysis Batch: 384161

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/08/17 07:54	1

Lab Sample ID: LCS 500-384161/2
Matrix: Water
Analysis Batch: 384161

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	250	290		mg/L		116	80 - 120

Lab Sample ID: 500-127751-1 MS
Matrix: Water
Analysis Batch: 384161

Client Sample ID: MW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	460		250	762		mg/L		120	75 - 125

Lab Sample ID: 500-127751-1 DU
Matrix: Water
Analysis Batch: 384161

Client Sample ID: MW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	460		476		mg/L		3	5

Lab Sample ID: 500-127751-2 DU
Matrix: Water
Analysis Batch: 384161

Client Sample ID: MW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	710		746		mg/L		4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-384861/12
Matrix: Water
Analysis Batch: 384861

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/11/17 23:01	1

Lab Sample ID: LCS 500-384861/13
Matrix: Water
Analysis Batch: 384861

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.1		mg/L		104	80 - 120

TestAmerica Chicago

MWG13-15_61862
5/19/2017

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 500-127751-4 MS
Matrix: Water
Analysis Batch: 384861

Client Sample ID: MW-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	38		50.0	81.4		mg/L		87	75 - 125

Lab Sample ID: 500-127751-4 MSD
Matrix: Water
Analysis Batch: 384861

Client Sample ID: MW-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	38		50.0	81.8		mg/L		87	75 - 125	0	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-385715/32
Matrix: Water
Analysis Batch: 385715

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/17/17 18:32	1

Lab Sample ID: MB 500-385715/4
Matrix: Water
Analysis Batch: 385715

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/17/17 17:00	1

Lab Sample ID: LCS 500-385715/33
Matrix: Water
Analysis Batch: 385715

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	10.0	9.87		mg/L		99	80 - 120

Lab Sample ID: LCS 500-385715/5
Matrix: Water
Analysis Batch: 385715

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	10.0	10.2		mg/L		102	80 - 120

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-385077/3
Matrix: Water
Analysis Batch: 385077

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/13/17 23:26	1

TestAmerica Chicago

MWG13-15_61863
5/19/2017



QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 500-385077/4
Matrix: Water
Analysis Batch: 385077

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	19.9		mg/L		99	80 - 120

Lab Sample ID: MB 500-385170/3
Matrix: Water
Analysis Batch: 385170

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/15/17 08:13	1

Lab Sample ID: LCS 500-385170/4
Matrix: Water
Analysis Batch: 385170

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	19.4		mg/L		97	80 - 120

Lab Sample ID: 500-127751-10 MS
Matrix: Water
Analysis Batch: 385170

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	160		400	533		mg/L		93	75 - 125

Lab Sample ID: 500-127751-10 MSD
Matrix: Water
Analysis Batch: 385170

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	160		400	545		mg/L		96	75 - 125	2	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-01
Date Collected: 05/03/17 09:48
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 13:17	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 17:55	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13:09	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:16	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 07:59	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	384861	05/11/17 23:06	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:23	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		4	385077		CLB	TAL CHI
					(Start)	05/13/17 23:43		
					(End)	05/13/17 23:44		

Client Sample ID: MW-05
Date Collected: 05/01/17 15:54
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 13:21	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 17:59	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13:13	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:22	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:06	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	384861	05/11/17 23:07	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:26	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	385077		CLB	TAL CHI
					(Start)	05/13/17 23:44		
					(End)	05/13/17 23:45		

Client Sample ID: MW-08
Date Collected: 05/02/17 13:25
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 13:25	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI

TestAmerica Chicago

MWG13-15_61865
5/19/2017



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-08
Date Collected: 05/02/17 13:25
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:03	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13:17	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:24	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:11	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	384861	05/11/17 23:08	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:29	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	385077		CLB	TAL CHI
						(Start) 05/13/17 23:45		
						(End) 05/13/17 23:46		

Client Sample ID: MW-09
Date Collected: 05/03/17 11:24
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 13:30	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:06	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		10	385270	05/15/17 13:20	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:25	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:14	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	384861	05/11/17 23:11	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:37	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	385077		CLB	TAL CHI
						(Start) 05/13/17 23:46		
						(End) 05/13/17 23:47		

Client Sample ID: MW-11
Date Collected: 05/03/17 13:37
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 13:33	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:10	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	385270	05/15/17 13:24	FXG	TAL CHI

TestAmerica Chicago

MWG13-15_61866
5/19/2017



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-11
Date Collected: 05/03/17 13:37
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:27	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:16	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	384861	05/11/17 23:42	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:40	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	385077		CLB	TAL CHI
						(Start) 05/13/17 23:47		
						(End) 05/13/17 23:48		

Client Sample ID: MW-12
Date Collected: 05/03/17 16:00
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14:17	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:14	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13:36	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:28	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:19	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	384861	05/11/17 23:15	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:43	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	385170		CLB	TAL CHI
						(Start) 05/15/17 08:15		
						(End) 05/15/17 08:16		

Client Sample ID: MW-15
Date Collected: 05/04/17 13:05
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14:21	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:25	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	385270	05/15/17 13:39	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:33	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:21	CLB	TAL CHI

TestAmerica Chicago

MWG13-15_61867
5/19/2017



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-15

Date Collected: 05/04/17 13:05
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 Cl- E		5	384861	05/11/17 23:15	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:54	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	385170		CLB	TAL CHI
						(Start) 05/15/17 08:16		
						(End) 05/15/17 08:17		

Client Sample ID: MW-17

Date Collected: 05/04/17 15:47
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14:32	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:29	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	385270	05/15/17 13:43	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:34	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:24	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	384861	05/11/17 23:16	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 18:57	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		25	385170		CLB	TAL CHI
						(Start) 05/15/17 08:17		
						(End) 05/15/17 08:18		

Client Sample ID: MW-18

Date Collected: 05/05/17 10:04
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14:36	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18:33	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07:55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13:47	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09:36	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08:27	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	384861	05/11/17 23:16	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 19:00	EAT	TAL CHI

TestAmerica Chicago

MWG13-15_61868
5/19/2017



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Client Sample ID: MW-18

Date Collected: 05/05/17 10:04
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		20	385170	05/15/17 08 18 (Start) 05/15/17 08 19 (End)	CLB	TAL CHI

Client Sample ID: MW-19

Date Collected: 05/05/17 11:17
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14 40	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18 37	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		10	385270	05/15/17 13 51	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11 00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09 37	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08 29	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	384861	05/11/17 23 17	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 19 03	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	385170	05/15/17 08 19 (Start) 05/15/17 08 20 (End)	CLB	TAL CHI

Client Sample ID: Duplicate

Date Collected: 05/03/17 00:00
Date Received: 05/05/17 17:30

Lab Sample ID: 500-127751-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	385029	05/12/17 14 44	KML	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	384908	05/11/17 18 40	PFK	TAL CHI
Total Recoverable	Prep	3005A			384540	05/10/17 07 55	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	385270	05/15/17 13 55	FXG	TAL CHI
Total/NA	Prep	7470A			384371	05/09/17 11 00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	384572	05/10/17 09 39	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	384161	05/08/17 08 32	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	384861	05/11/17 23 19	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	385715	05/17/17 19 07	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		2	385170	05/15/17 08 22 (Start) 05/15/17 08 24 (End)	CLB	TAL CHI

TestAmerica Chicago

MWG13-15_61869
5/19/2017



Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Powerton CCR

TestAmerica Job ID: 500-127751-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Illinois	NELAP	5	100201	04-30-18



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Ohio
2417 Bond St
University Park, IL
708-634-6200
Fax: 708-634-6211 500-127751 COC



Report To: Richard Guel
Contact: Richard Guel
Company: KPRG and Associates, Inc
Address: 14665 W. Lisbon Rd., Suite 2B
 Brookfield, WI 53005
Phone: 262-781-0475
Email: richardg@kprginc.com
PO #:

Bill To:
Contact:
Company:
Address:
Phone:
Email:

Sampler Name: Ian John Howison
Project Name: KPRG & Associates Inc.
Quantity - Powercon CCR: TestAmerica Project Number: 50011612
Project Location: TAT
 Pekin, IL
Lab PM: Eric Lang
 eric.lang@testamerica.com
Matrix: 903.0, 804.0 Radium 226/228
 8010C, 8020A, 7470A - Total Metals
 2540C - TDS
 4500_F_C - Fluoride
 SM4500_CL_E Chloride
 SM4500_SC4_E - Sulfate

COMPANY: KPRG & Associates Inc.
TestAmerica Project Number: 50011612
TAT: 16 Days
Matrix: # of Cont. 5
Volume: # of Cont. 5

Lab Lot # 500-127751
Package Sealed: Yes (No)
Reception loss: No (Yes)
Temperature °C of Cooler: 31.5
Without/Lead Time: Yes (No)
pH-check OK: Yes (No)
Sample Labels and COC Agree: Yes (No)
COC not present: Yes (No)
Preserv. Indicated: Yes (No)
Rest Cl₂ Check OK: Yes (No)
Samples Intact: Yes (No)
Temperature of Cooler: 31.5
Without/Lead Time: Yes (No)
pH-check OK: Yes (No)
Sample Labels and COC Agree: Yes (No)
COC not present: Yes (No)
Preserv. Indicated: Yes (No)
Rest Cl₂ Check OK: Yes (No)
Samples Intact: Yes (No)

Laboratory ID	Client Sample ID	Sampling Date	Sampling Time	# of Cont.	Matrix	Volume	Preserv.
1	MW-01	5-3-14	09:48	5	903.0, 804.0 Radium 226/228		
2	MW-05	5-1-14	15:54	5	8010C, 8020A, 7470A - Total Metals		
3	MW-08	5-2-14	13:25	5	2540C - TDS		
4	MW-09	5-3-14	11:24	5	4500_F_C - Fluoride		
5	MW-11	5-3-14	13:32	5	SM4500_CL_E Chloride		
6	MW-12	5-3-14	16:00	5	SM4500_SC4_E - Sulfate		
7	MW-15	5-4-14	13:05	5			
8	MW-17	5-4-14	15:47	5			
9	MW-18	5-5-14	10:04	5			
10	MW-19	5-5-14	11:14	5			
11	Duplicates	5-3-14		5			

RELINQUISHED BY: [Signature]
COMPANY: KPRG
DATE: 5-5-14
TIME: 17:30

RECEIVED BY: [Signature]
COMPANY: ATUT
DATE: 05/05/14
TIME: 17:30

Container Key:
 1. Plastic
 2. VOA/Vial
 3. Sterile Plastic
 4. Amber Glass
 5. Widesmouth Glass
 6. Other

Preservative Key:
 1. HCl, Cool to 4°
 2. H₂SO₄, Cool to 4°
 3. HNO₃, Cool to 4°
 4. NaOH, Cool to 4°
 5. NaOH/2n, Cool to 4°
 6. Cool to 4°
 7. None

Matrix Key:
 WW = Wastewater
 W = Water
 S = Soil
 SL = Sludge
 MS = Miscellaneous
 OL = Oil
 A = Air

SE = Sediment
SO = Solid
DL = Drum Liquid
DS = Drum Solid
L = Leachate
W = Waste
O = Other

COMMENTS:

Date Received: 05/05/14
Date Delivered: []
Hand Delivered: [X]
Bill of Lading:

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-127751-1

SDG Number:

Login Number: 127751

List Number: 1

Creator: Scott, Sherri L

List Source: TestAmerica Chicago

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	3,2,2,7,2,5
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 <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	



TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-127751-2
Client Project/Site: Powerton CCR

For:
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 2B
Brookfield, Wisconsin 53005

Attn: Richard Gnat



Authorized for release by:
6/5/2017 2:38:17 PM

Eric Lang, Manager of Project Management
(708)534-5200
eric.lang@testamericainc.com

LINKS

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The
Expert**

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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.
MWG13-15_61874

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