

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: 500-111942-1
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:
6/14/2016 5:17:22 PM

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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_58637

COMP. EX. 210H

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Case Narrative

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

TestAmerica Job ID: 500-111942-1

Job ID: 500-111942-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-111942-1

Comments

No additional comments.

Receipt

The samples were received on 5/20/2016 8:22 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.4° C, 2.9° C and 3.3° C.

Metals

Method(s) 6020A: The ICB at line 7 in batch 500-339137 was above the reporting limit (RL) for Antimony (Sb). All the samples were bracketed by CCB that were within control limits. Also, all samples were below the RL and, therefore, reported.

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: 500-111942-1

Client Sample ID: MW-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.0081		0.0010		mg/L			1	6020A	Total
Barium	0.062		0.0025		mg/L			1	6020A	Recoverable
Boron	0.34		0.050		mg/L			1	6020A	Total
Calcium	100		0.20		mg/L			1	6020A	Recoverable
Chromium	0.0070		0.0050		mg/L			1	6020A	Total
Cobalt	0.0053		0.0010		mg/L			1	6020A	Recoverable
Lead	0.011		0.00050		mg/L			1	6020A	Total
Total Dissolved Solids	430		10		mg/L			1	SM 2540C	Total/NA
Chloride	44		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	65		10		mg/L			2	SM 4500 SO4 E	Total/NA

Lab Sample ID: 500-111942-1

Client Sample ID: MW-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.051		0.0025		mg/L			1	6020A	Total
Boron	0.70		0.050		mg/L			1	6020A	Recoverable
Calcium	100		0.20		mg/L			1	6020A	Total
Total Dissolved Solids	660		10		mg/L			1	SM 2540C	Total/NA
Chloride	85		10		mg/L			5	SM 4500 Cl- E	Total/NA
Fluoride	0.35		0.10		mg/L			1	SM 4500 F C	Total/NA
Sulfate	120		25		mg/L			5	SM 4500 SO4 E	Total/NA

Lab Sample ID: 500-111942-2

Client Sample ID: MW-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.036		0.010		mg/L			1	6010C	Total
Arsenic	0.0029		0.0010		mg/L			1	6020A	Recoverable
Barium	0.16		0.0025		mg/L			1	6020A	Total
Boron	1.7		0.25		mg/L			5	6020A	Recoverable
Calcium	160		1.0		mg/L			5	6020A	Total
Molybdenum	0.0069		0.0050		mg/L			1	6020A	Recoverable
Total Dissolved Solids	1200		10		mg/L			1	SM 2540C	Total/NA
Chloride	140		10		mg/L			5	SM 4500 Cl- E	Total/NA
Fluoride	0.34		0.10		mg/L			1	SM 4500 F C	Total/NA
Sulfate	300		50		mg/L			10	SM 4500 SO4 E	Total/NA

Lab Sample ID: 500-111942-3

Client Sample ID: MW-09

Lab Sample ID: 500-111942-4

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

MWG13-15_58640
6/14/2016

Detection Summary

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-09 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.029		0.0025		mg/L	1			6020A	Total Recoverable
Boron	2.0		0.25		mg/L	5			6020A	Total Recoverable
Calcium	73		1.0		mg/L	5			6020A	Total Recoverable
Molybdenum	0.042		0.0050		mg/L	1			6020A	Total Recoverable
Selenium	0.0032		0.0025		mg/L	1			6020A	Total Recoverable
Total Dissolved Solids	520		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	100		25		mg/L	5			SM 4500 SO4 E	Total/NA

Lab Sample ID: 500-111942-4

Client Sample ID: MW-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.027		0.0010		mg/L	1			6020A	Total Recoverable
Barium	0.26		0.0025		mg/L	1			6020A	Total Recoverable
Boron	1.6		0.25		mg/L	5			6020A	Total Recoverable
Calcium	140		1.0		mg/L	5			6020A	Total Recoverable
Cobalt	0.0024		0.0010		mg/L	1			6020A	Total Recoverable
Lead	0.00076		0.00050		mg/L	1			6020A	Total Recoverable
Molybdenum	0.014		0.0050		mg/L	1			6020A	Total Recoverable
Total Dissolved Solids	920		10		mg/L	1			SM 2540C	Total/NA
Chloride	120		10		mg/L	5			SM 4500 Cl- E	Total/NA
Fluoride	0.56		0.10		mg/L	1			SM 4500 F C	Total/NA
Sulfate	210		50		mg/L	10			SM 4500 SO4 E	Total/NA

Lab Sample ID: 500-111942-5

Client Sample ID: MW-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lithium	0.013		0.010		mg/L	1			6010C	Total Recoverable
Arsenic	0.065		0.0010		mg/L	1			6020A	Total Recoverable
Barium	0.16		0.0025		mg/L	1			6020A	Total Recoverable
Boron	0.65		0.050		mg/L	1			6020A	Total Recoverable
Cadmium	0.00077		0.00050		mg/L	1			6020A	Total Recoverable
Calcium	150		0.20		mg/L	1			6020A	Total Recoverable
Lead	0.0016		0.00050		mg/L	1			6020A	Total Recoverable

Lab Sample ID: 500-111942-6

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: 500-111942-1

Client Sample ID: MW-12 (Continued)

Lab Sample ID: 500-111942-6

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Molybdenum	0.028		0.0050		mg/L		1	6020A	Total
Total Dissolved Solids	1400		10		mg/L		1	SM 2540C	Total/NA
Chloride	200		10		mg/L		5	SM 4500 Cl- E	Total/NA
Fluoride	0.49		0.10		mg/L		1	SM 4500 F C	Total/NA
Sulfate	550		100		mg/L		20	SM 4500 SO4 E	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 500-111942-7

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Lithium	0.044		0.010		mg/L		1	6010C	Total
Arsenic	0.040		0.0010		mg/L		1	6020A	Total
Barium	0.097		0.0025		mg/L		1	6020A	Total
Boron	2.7		0.25		mg/L		5	6020A	Total
Cadmium	0.00098		0.00050		mg/L		1	6020A	Total
Calcium	320		1.0		mg/L		5	6020A	Total
Molybdenum	0.041		0.0050		mg/L		1	6020A	Total
Selenium	0.0067		0.0025		mg/L		1	6020A	Total
Total Dissolved Solids	2800		10		mg/L		1	SM 2540C	Total/NA
Chloride	240		10		mg/L		5	SM 4500 Cl- E	Total/NA
Fluoride	0.53		0.10		mg/L		1	SM 4500 F C	Total/NA
Sulfate	1200		500		mg/L		100	SM 4500 SO4 E	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 500-111942-8

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Lithium	0.026		0.010		mg/L		1	6010C	Total
Arsenic	0.32		0.0010		mg/L		1	6020A	Total
Barium	0.12		0.0025		mg/L		1	6020A	Total
Boron	1.4		0.25		mg/L		5	6020A	Total
Cadmium	0.0011		0.00050		mg/L		1	6020A	Total
Calcium	200		1.0		mg/L		5	6020A	Total
Cobalt	0.0015		0.0010		mg/L		1	6020A	Total
Molybdenum	0.12		0.0050		mg/L		1	6020A	Total
Thallium	0.0028		0.0020		mg/L		1	6020A	Total
Total Dissolved Solids	1800		10		mg/L		1	SM 2540C	Total/NA
Chloride	230		10		mg/L		5	SM 4500 Cl- E	Total/NA
Fluoride	0.64		0.10		mg/L		1	SM 4500 F C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

MWG13-15_58642
6/14/2016

Detection Summary

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-17 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit
Sulfate	700		250		mg/L

Lab Sample ID: 500-111942-8

Dil	Fac	D	Method	Prep Type
50			SM 4500 SO4 E	Total/NA

Client Sample ID: MW-18

Analyte	Result	Qualifier	RL	MDL	Unit
Lithium	0.014		0.010		mg/L
Barium	0.13		0.0025		mg/L
Boron	0.72		0.050		mg/L
Calcium	120		0.20		mg/L
Molybdenum	0.0052		0.0050		mg/L
Total Dissolved Solids	1200		10		mg/L
Chloride	230		10		mg/L
Fluoride	0.71		0.10		mg/L
Sulfate	230		50		mg/L

Lab Sample ID: 500-111942-9

Dil	Fac	D	Method	Prep Type
1			6010C	Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			SM 2540C	Total/NA
5			SM 4500 Cl- E	Total/NA
1			SM 4500 F C	Total/NA
10			SM 4500 SO4 E	Total/NA

Client Sample ID: Duplicate

Analyte	Result	Qualifier	RL	MDL	Unit
Lithium	0.015		0.010		mg/L
Barium	0.14		0.0025		mg/L
Boron	0.77		0.050		mg/L
Calcium	130		0.20		mg/L
Molybdenum	0.0054		0.0050		mg/L
Total Dissolved Solids	1100		10		mg/L
Chloride	220		10		mg/L
Fluoride	0.72		0.10		mg/L
Sulfate	240		50		mg/L

Lab Sample ID: 500-111942-10

Dil	Fac	D	Method	Prep Type
1			6010C	Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			6020A	Recoverable Total
1			SM 2540C	Total/NA
5			SM 4500 Cl- E	Total/NA
1			SM 4500 F C	Total/NA
10			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: 500-111942-1

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: 500-111942-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-111942-1	MW-01	Water	05/20/16 12:59	05/20/16 20:22
500-111942-2	MW-05	Water	05/17/16 13:42	05/20/16 20:22
500-111942-3	MW-08	Water	05/18/16 13:23	05/20/16 20:22
500-111942-4	MW-09	Water	05/19/16 15:43	05/20/16 20:22
500-111942-5	MW-11	Water	05/20/16 08:59	05/20/16 20:22
500-111942-6	MW-12	Water	05/20/16 10:56	05/20/16 20:22
500-111942-7	MW-15	Water	05/19/16 12:58	05/20/16 20:22
500-111942-8	MW-17	Water	05/18/16 11:58	05/20/16 20:22
500-111942-9	MW-18	Water	05/18/16 14:33	05/20/16 20:22
500-111942-10	Duplicate	Water	05/18/16 00:00	05/20/16 20:22



Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-01

Date Collected: 05/20/16 12:59

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-1

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		05/24/16 08:51	05/24/16 14:48	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		05/24/16 08:51	06/08/16 20:12	1
Arsenic	0.0081		0.0010		mg/L		05/24/16 08:51	06/08/16 20:12	1
Barium	0.062		0.0025		mg/L		05/24/16 08:51	06/08/16 20:12	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:44	1
Boron	0.34		0.050		mg/L		05/24/16 08:51	06/13/16 20:25	1
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:25	1
Calcium	100		0.20		mg/L		05/24/16 08:51	06/13/16 20:25	1
Chromium	0.0070		0.0050		mg/L		05/24/16 08:51	06/08/16 20:12	1
Cobalt	0.0053		0.0010		mg/L		05/24/16 08:51	06/08/16 20:12	1
Lead	0.011		0.00050		mg/L		05/24/16 08:51	06/13/16 20:25	1
Molybdenum	<0.0050		0.0050		mg/L		05/24/16 08:51	06/13/16 20:25	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:12	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 20:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	430		10		mg/L			05/23/16 04:12	1
Chloride	44		2.0		mg/L			06/02/16 20:54	1
Fluoride	0.17		0.10		mg/L			06/12/16 22:25	1
Sulfate	65		10		mg/L			06/06/16 07:35	2

TestAmerica Chicago

MWG13-15_58646

6/14/2016

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-05

Date Collected: 05/17/16 13:42

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-2

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		05/24/16 08:51	05/24/16 14:53	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		05/24/16 08:51	06/08/16 20:15	1
Arsenic	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:15	1
Barium	0.051		0.0025		mg/L		05/24/16 08:51	06/08/16 20:15	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:48	1
Boron	0.70		0.050		mg/L		05/24/16 08:51	06/13/16 20:28	1
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:28	1
Calcium	100		0.20		mg/L		05/24/16 08:51	06/13/16 20:28	1
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:15	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:15	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:28	1
Molybdenum	<0.0050		0.0050		mg/L		05/24/16 08:51	06/13/16 20:28	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:15	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 20:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	660		10		mg/L			05/23/16 04:31	1
Chloride	85		10		mg/L			06/02/16 21:29	5
Fluoride	0.35		0.10		mg/L			06/12/16 22:28	1
Sulfate	120		25		mg/L			06/08/16 05:52	5

TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-08

Date Collected: 05/18/16 13:23

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.036		0.010		mg/L		05/24/16 08:51	05/24/16 14:57	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		05/24/16 08:51	06/08/16 20:18	1
Arsenic	0.0029		0.0010		mg/L		05/24/16 08:51	06/08/16 20:18	1
Barium	0.16		0.0025		mg/L		05/24/16 08:51	06/08/16 20:18	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:51	1
Boron	1.7		0.25		mg/L		05/24/16 08:51	06/13/16 19:54	5
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 22:59	1
Calcium	160		1.0		mg/L		05/24/16 08:51	06/13/16 19:54	5
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:18	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:18	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 22:59	1
Molybdenum	0.0069		0.0050		mg/L		05/24/16 08:51	06/13/16 22:59	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:18	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 22:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			05/23/16 04:40	1
Chloride	140		10		mg/L			06/02/16 20:56	5
Fluoride	0.34		0.10		mg/L			06/12/16 22:30	1
Sulfate	300		50		mg/L			06/08/16 05:53	10

TestAmerica Chicago

MWG13-15_58648
6/14/2016

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-09

Date Collected: 05/19/16 15:43

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-4

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		05/24/16 08:51	05/24/16 15:01	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		05/24/16 08:51	06/08/16 20:20	1
Arsenic	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:20	1
Barium	0.029		0.0025		mg/L		05/24/16 08:51	06/08/16 20:20	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:55	1
Boron	2.0		0.25		mg/L		05/24/16 08:51	06/13/16 19:58	5
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 23:03	1
Calcium	73		1.0		mg/L		05/24/16 08:51	06/13/16 19:58	5
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:20	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:20	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 23:03	1
Molybdenum	0.042		0.0050		mg/L		05/24/16 08:51	06/13/16 23:03	1
Selenium	0.0032		0.0025		mg/L		05/24/16 08:51	06/08/16 20:20	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 23:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	520		10		mg/L			05/23/16 04:43	1
Chloride	38		2.0		mg/L			06/02/16 20:57	1
Fluoride	0.17		0.10		mg/L			06/12/16 22:32	1
Sulfate	100		25		mg/L			06/08/16 05:56	5

TestAmerica Chicago

MWG13-15_58649

6/14/2016

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-11

Date Collected: 05/20/16 08:59

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-5

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		05/24/16 08:51	05/24/16 15:05	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		05/24/16 08:51	06/08/16 20:23	1
Arsenic	0.027		0.0010		mg/L		05/24/16 08:51	06/08/16 20:23	1
Barium	0.26		0.0025		mg/L		05/24/16 08:51	06/08/16 20:23	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:59	1
Boron	1.6		0.25		mg/L		05/24/16 08:51	06/13/16 20:02	5
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 23:07	1
Calcium	140		1.0		mg/L		05/24/16 08:51	06/13/16 20:02	5
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:23	1
Cobalt	0.0024		0.0010		mg/L		05/24/16 08:51	06/08/16 20:23	1
Lead	0.00076		0.00050		mg/L		05/24/16 08:51	06/13/16 23:07	1
Molybdenum	0.014		0.0050		mg/L		05/24/16 08:51	06/13/16 23:07	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:23	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 23:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	920		10		mg/L			05/23/16 04:46	1
Chloride	120		10		mg/L			06/02/16 21:29	5
Fluoride	0.56		0.10		mg/L			06/12/16 22:35	1
Sulfate	210		50		mg/L			06/08/16 05:57	10

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-12

Date Collected: 05/20/16 10:56

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.013		0.010		mg/L		05/24/16 08:51	05/24/16 15:10	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		05/24/16 08:51	06/08/16 20:25	1
Arsenic	0.065		0.0010		mg/L		05/24/16 08:51	06/08/16 20:25	1
Barium	0.16		0.0025		mg/L		05/24/16 08:51	06/08/16 20:25	1
Beryllium	<0.0010	F1	0.0010		mg/L		05/24/16 08:51	06/14/16 14:02	1
Boron	0.65		0.050		mg/L		05/24/16 08:51	06/13/16 20:32	1
Cadmium	0.00077		0.00050		mg/L		05/24/16 08:51	06/13/16 20:32	1
Calcium	150		0.20		mg/L		05/24/16 08:51	06/13/16 20:32	1
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:25	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:25	1
Lead	0.0016		0.00050		mg/L		05/24/16 08:51	06/13/16 20:32	1
Molybdenum	0.028		0.0050		mg/L		05/24/16 08:51	06/13/16 20:32	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:25	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 20:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1400		10		mg/L			05/23/16 04:49	1
Chloride	200		10		mg/L			06/02/16 20:58	5
Fluoride	0.49		0.10		mg/L			06/12/16 22:37	1
Sulfate	550		100		mg/L			06/08/16 06:00	20

TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-15

Date Collected: 05/19/16 12:58

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.044		0.010		mg/L		05/24/16 08:51	05/24/16 15:57	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		05/24/16 08:51	06/08/16 20:44	1
Arsenic	0.040		0.0010		mg/L		05/24/16 08:51	06/08/16 20:44	1
Barium	0.097		0.0025		mg/L		05/24/16 08:51	06/08/16 20:44	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 14:28	1
Boron	2.7		0.25		mg/L		05/24/16 08:51	06/13/16 20:05	5
Cadmium	0.00098		0.00050		mg/L		05/24/16 08:51	06/13/16 23:10	1
Calcium	320		1.0		mg/L		05/24/16 08:51	06/13/16 20:05	5
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:44	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:44	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 23:10	1
Molybdenum	0.041		0.0050		mg/L		05/24/16 08:51	06/13/16 23:10	1
Selenium	0.0067		0.0025		mg/L		05/24/16 08:51	06/08/16 20:44	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 23:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2800		10		mg/L			05/23/16 04:52	1
Chloride	240		10		mg/L			06/02/16 21:02	5
Fluoride	0.53		0.10		mg/L			06/12/16 22:49	1
Sulfate	1200		500		mg/L			06/08/16 06:01	100

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-17

Date Collected: 05/18/16 11:58

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.026		0.010		mg/L		05/24/16 08:51	05/24/16 16:02	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		05/24/16 08:51	06/08/16 20:47	1
Arsenic	0.32		0.0010		mg/L		05/24/16 08:51	06/08/16 20:47	1
Barium	0.12		0.0025		mg/L		05/24/16 08:51	06/08/16 20:47	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 14:32	1
Boron	1.4		0.25		mg/L		05/24/16 08:51	06/13/16 20:09	5
Cadmium	0.0011		0.00050		mg/L		05/24/16 08:51	06/13/16 23:14	1
Calcium	200		1.0		mg/L		05/24/16 08:51	06/13/16 20:09	5
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:47	1
Cobalt	0.0015		0.0010		mg/L		05/24/16 08:51	06/08/16 20:47	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 23:14	1
Molybdenum	0.12		0.0050		mg/L		05/24/16 08:51	06/13/16 23:14	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:47	1
Thallium	0.0028		0.0020		mg/L		05/24/16 08:51	06/13/16 23:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1800		10		mg/L			05/23/16 04:55	1
Chloride	230		10		mg/L			06/02/16 21:03	5
Fluoride	0.64		0.10		mg/L			06/12/16 22:51	1
Sulfate	700		250		mg/L			06/08/16 06:02	50

TestAmerica Chicago

MWG13-15_58653
6/14/2016

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-18

Date Collected: 05/18/16 14:33

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.014		0.010		mg/L		05/24/16 08:51	05/24/16 16:07	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		05/24/16 08:51	06/08/16 20:49	1
Arsenic	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:49	1
Barium	0.13		0.0025		mg/L		05/24/16 08:51	06/08/16 20:49	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 14:36	1
Boron	0.72		0.050		mg/L		05/24/16 08:51	06/13/16 20:51	1
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:51	1
Calcium	120		0.20		mg/L		05/24/16 08:51	06/13/16 20:51	1
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:49	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:49	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:51	1
Molybdenum	0.0052		0.0050		mg/L		05/24/16 08:51	06/13/16 20:51	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:49	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 20:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		10		mg/L			05/23/16 04:58	1
Chloride	230		10		mg/L			06/02/16 21:04	5
Fluoride	0.71		0.10		mg/L			06/12/16 22:54	1
Sulfate	230		50		mg/L			06/08/16 06:03	10

Client Sample Results

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: Duplicate

Date Collected: 05/18/16 00:00

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.015		0.010		mg/L		05/24/16 08:51	05/24/16 16:13	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		05/24/16 08:51	06/08/16 20:52	1
Arsenic	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:52	1
Barium	0.14		0.0025		mg/L		05/24/16 08:51	06/08/16 20:52	1
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 14:39	1
Boron	0.77		0.050		mg/L		05/24/16 08:51	06/13/16 20:55	1
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:55	1
Calcium	130		0.20		mg/L		05/24/16 08:51	06/13/16 20:55	1
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 20:52	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 20:52	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 20:55	1
Molybdenum	0.0054		0.0050		mg/L		05/24/16 08:51	06/13/16 20:55	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 20:52	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 20:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 18:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10		mg/L			05/23/16 05:01	1
Chloride	220		10		mg/L			06/02/16 21:30	5
Fluoride	0.72		0.10		mg/L			06/12/16 22:56	1
Sulfate	240		50		mg/L			06/08/16 06:04	10

TestAmerica Chicago

MWG13-15_58655
6/14/2016

Definitions/Glossary

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

TestAmerica Job ID: 500-111942-1



Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

QC Association Summary

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

TestAmerica Job ID: 500-111942-1

Metals

Prep Batch: 336833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total Recoverable	Water	3005A	
500-111942-2	MW-05	Total Recoverable	Water	3005A	
500-111942-3	MW-08	Total Recoverable	Water	3005A	
500-111942-4	MW-09	Total Recoverable	Water	3005A	
500-111942-5	MW-11	Total Recoverable	Water	3005A	
500-111942-6	MW-12	Total Recoverable	Water	3005A	
500-111942-6 DU	MW-12	Total Recoverable	Water	3005A	
500-111942-6 MS	MW-12	Total Recoverable	Water	3005A	
500-111942-6 MSD	MW-12	Total Recoverable	Water	3005A	
500-111942-7	MW-15	Total Recoverable	Water	3005A	
500-111942-8	MW-17	Total Recoverable	Water	3005A	
500-111942-9	MW-18	Total Recoverable	Water	3005A	
500-111942-10	Duplicate	Total Recoverable	Water	3005A	
LCS 500-336833/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-336833/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 336953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total Recoverable	Water	6010C	336833
500-111942-2	MW-05	Total Recoverable	Water	6010C	336833
500-111942-3	MW-08	Total Recoverable	Water	6010C	336833
500-111942-4	MW-09	Total Recoverable	Water	6010C	336833
500-111942-5	MW-11	Total Recoverable	Water	6010C	336833
500-111942-6	MW-12	Total Recoverable	Water	6010C	336833
500-111942-6 DU	MW-12	Total Recoverable	Water	6010C	336833
500-111942-6 MS	MW-12	Total Recoverable	Water	6010C	336833
500-111942-6 MSD	MW-12	Total Recoverable	Water	6010C	336833
500-111942-7	MW-15	Total Recoverable	Water	6010C	336833
500-111942-8	MW-17	Total Recoverable	Water	6010C	336833
500-111942-9	MW-18	Total Recoverable	Water	6010C	336833
500-111942-10	Duplicate	Total Recoverable	Water	6010C	336833
LCS 500-336833/2-A	Lab Control Sample	Total Recoverable	Water	6010C	336833
MB 500-336833/1-A	Method Blank	Total Recoverable	Water	6010C	336833

Prep Batch: 338186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	7470A	
500-111942-1 DU	MW-01	Total/NA	Water	7470A	
500-111942-1 MS	MW-01	Total/NA	Water	7470A	
500-111942-1 MSD	MW-01	Total/NA	Water	7470A	
500-111942-2	MW-05	Total/NA	Water	7470A	
500-111942-3	MW-08	Total/NA	Water	7470A	
500-111942-4	MW-09	Total/NA	Water	7470A	
500-111942-5	MW-11	Total/NA	Water	7470A	
500-111942-6	MW-12	Total/NA	Water	7470A	
500-111942-7	MW-15	Total/NA	Water	7470A	
500-111942-8	MW-17	Total/NA	Water	7470A	
500-111942-9	MW-18	Total/NA	Water	7470A	
500-111942-10	Duplicate	Total/NA	Water	7470A	
LCS 500-338186/13-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-338186/12-A	Method Blank	Total/NA	Water	7470A	

TestAmerica Chicago

QC Association Summary

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

TestAmerica Job ID: 500-111942-1

Analysis Batch: 338501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	7470A	338186
500-111942-1 DU	MW-01	Total/NA	Water	7470A	338186
500-111942-1 MS	MW-01	Total/NA	Water	7470A	338186
500-111942-1 MSD	MW-01	Total/NA	Water	7470A	338186
500-111942-2	MW-05	Total/NA	Water	7470A	338186
500-111942-3	MW-08	Total/NA	Water	7470A	338186
500-111942-4	MW-09	Total/NA	Water	7470A	338186
500-111942-5	MW-11	Total/NA	Water	7470A	338186
500-111942-6	MW-12	Total/NA	Water	7470A	338186
500-111942-7	MW-15	Total/NA	Water	7470A	338186
500-111942-8	MW-17	Total/NA	Water	7470A	338186
500-111942-9	MW-18	Total/NA	Water	7470A	338186
500-111942-10	Duplicate	Total/NA	Water	7470A	338186
LCS 500-338186/13-A	Lab Control Sample	Total/NA	Water	7470A	338186
MB 500-338186/12-A	Method Blank	Total/NA	Water	7470A	338186

Analysis Batch: 339137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total Recoverable	Water	6020A	336833
500-111942-2	MW-05	Total Recoverable	Water	6020A	336833
500-111942-3	MW-08	Total Recoverable	Water	6020A	336833
500-111942-4	MW-09	Total Recoverable	Water	6020A	336833
500-111942-5	MW-11	Total Recoverable	Water	6020A	336833
500-111942-6	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 DU	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MS	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MSD	MW-12	Total Recoverable	Water	6020A	336833
500-111942-7	MW-15	Total Recoverable	Water	6020A	336833
500-111942-8	MW-17	Total Recoverable	Water	6020A	336833
500-111942-9	MW-18	Total Recoverable	Water	6020A	336833
500-111942-10	Duplicate	Total Recoverable	Water	6020A	336833
LCS 500-336833/2-A	Lab Control Sample	Total Recoverable	Water	6020A	336833
MB 500-336833/1-A	Method Blank	Total Recoverable	Water	6020A	336833

Analysis Batch: 339735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total Recoverable	Water	6020A	336833
500-111942-2	MW-05	Total Recoverable	Water	6020A	336833
500-111942-3	MW-08	Total Recoverable	Water	6020A	336833
500-111942-3	MW-08	Total Recoverable	Water	6020A	336833
500-111942-4	MW-09	Total Recoverable	Water	6020A	336833
500-111942-4	MW-09	Total Recoverable	Water	6020A	336833
500-111942-5	MW-11	Total Recoverable	Water	6020A	336833
500-111942-5	MW-11	Total Recoverable	Water	6020A	336833
500-111942-6	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 DU	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MS	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MSD	MW-12	Total Recoverable	Water	6020A	336833
500-111942-7	MW-15	Total Recoverable	Water	6020A	336833
500-111942-7	MW-15	Total Recoverable	Water	6020A	336833
500-111942-8	MW-17	Total Recoverable	Water	6020A	336833
500-111942-8	MW-17	Total Recoverable	Water	6020A	336833
500-111942-9	MW-18	Total Recoverable	Water	6020A	336833

TestAmerica Chicago

MWG13-15_58658
6/14/2016

QC Association Summary

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

TestAmerica Job ID: 500-111942-1



Metals (Continued)

Analysis Batch: 339735 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-10	Duplicate	Total Recoverable	Water	6020A	336833
LCS 500-336833/2-A	Lab Control Sample	Total Recoverable	Water	6020A	336833
MB 500-336833/1-A	Method Blank	Total Recoverable	Water	6020A	336833

Analysis Batch: 339792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total Recoverable	Water	6020A	336833
500-111942-2	MW-05	Total Recoverable	Water	6020A	336833
500-111942-3	MW-08	Total Recoverable	Water	6020A	336833
500-111942-4	MW-09	Total Recoverable	Water	6020A	336833
500-111942-5	MW-11	Total Recoverable	Water	6020A	336833
500-111942-6	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 DU	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MS	MW-12	Total Recoverable	Water	6020A	336833
500-111942-6 MSD	MW-12	Total Recoverable	Water	6020A	336833
500-111942-7	MW-15	Total Recoverable	Water	6020A	336833
500-111942-8	MW-17	Total Recoverable	Water	6020A	336833
500-111942-9	MW-18	Total Recoverable	Water	6020A	336833
500-111942-10	Duplicate	Total Recoverable	Water	6020A	336833
LCS 500-336833/2-A	Lab Control Sample	Total Recoverable	Water	6020A	336833
MB 500-336833/1-A	Method Blank	Total Recoverable	Water	6020A	336833

General Chemistry

Analysis Batch: 336566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	SM 2540C	
500-111942-1 DU	MW-01	Total/NA	Water	SM 2540C	
LCS 500-336566/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 500-336566/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 336568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-2	MW-05	Total/NA	Water	SM 2540C	
500-111942-2 DU	MW-05	Total/NA	Water	SM 2540C	
500-111942-2 MS	MW-05	Total/NA	Water	SM 2540C	
500-111942-3	MW-08	Total/NA	Water	SM 2540C	
500-111942-4	MW-09	Total/NA	Water	SM 2540C	
500-111942-5	MW-11	Total/NA	Water	SM 2540C	
500-111942-6	MW-12	Total/NA	Water	SM 2540C	
500-111942-7	MW-15	Total/NA	Water	SM 2540C	
500-111942-8	MW-17	Total/NA	Water	SM 2540C	
500-111942-9	MW-18	Total/NA	Water	SM 2540C	
500-111942-10	Duplicate	Total/NA	Water	SM 2540C	
LCS 500-336568/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 500-336568/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 338217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	SM 4500 CI- E	

TestAmerica Chicago

QC Association Summary

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

TestAmerica Job ID: 500-111942-1



General Chemistry (Continued)

Analysis Batch: 338217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-2	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-111942-3	MW-08	Total/NA	Water	SM 4500 Cl- E	
500-111942-4	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-111942-5	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-111942-6	MW-12	Total/NA	Water	SM 4500 Cl- E	
500-111942-7	MW-15	Total/NA	Water	SM 4500 Cl- E	
500-111942-8	MW-17	Total/NA	Water	SM 4500 Cl- E	
500-111942-9	MW-18	Total/NA	Water	SM 4500 Cl- E	
500-111942-10	Duplicate	Total/NA	Water	SM 4500 Cl- E	
LCS 500-338217/5	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MB 500-338217/4	Method Blank	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 338529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	SM 4500 SO4 E	
LCS 500-338529/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MB 500-338529/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 338896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-2	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-111942-3	MW-08	Total/NA	Water	SM 4500 SO4 E	
500-111942-4	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-111942-5	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-111942-5 MS	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-111942-5 MSD	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-111942-6	MW-12	Total/NA	Water	SM 4500 SO4 E	
500-111942-7	MW-15	Total/NA	Water	SM 4500 SO4 E	
500-111942-8	MW-17	Total/NA	Water	SM 4500 SO4 E	
500-111942-9	MW-18	Total/NA	Water	SM 4500 SO4 E	
500-111942-10	Duplicate	Total/NA	Water	SM 4500 SO4 E	
LCS 500-338896/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MB 500-338896/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 339574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111942-1	MW-01	Total/NA	Water	SM 4500 F C	
500-111942-2	MW-05	Total/NA	Water	SM 4500 F C	
500-111942-3	MW-08	Total/NA	Water	SM 4500 F C	
500-111942-4	MW-09	Total/NA	Water	SM 4500 F C	
500-111942-5	MW-11	Total/NA	Water	SM 4500 F C	
500-111942-6	MW-12	Total/NA	Water	SM 4500 F C	
500-111942-7	MW-15	Total/NA	Water	SM 4500 F C	
500-111942-8	MW-17	Total/NA	Water	SM 4500 F C	
500-111942-9	MW-18	Total/NA	Water	SM 4500 F C	
500-111942-10	Duplicate	Total/NA	Water	SM 4500 F C	
LCS 500-339574/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MB 500-339574/3	Method Blank	Total/NA	Water	SM 4500 F C	

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-336833/1-A
Matrix: Water
Analysis Batch: 336953

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/24/16 08:51	05/24/16 14:40	1

Lab Sample ID: LCS 500-336833/2-A
Matrix: Water
Analysis Batch: 336953

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lithium	0.500	0.537		mg/L		107	80 - 120

Lab Sample ID: 500-111942-6 MS
Matrix: Water
Analysis Batch: 336953

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lithium	0.013		0.500	0.559		mg/L		109	75 - 125

Lab Sample ID: 500-111942-6 MSD
Matrix: Water
Analysis Batch: 336953

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Lithium	0.013		0.500	0.532		mg/L		104	75 - 125	5	20

Lab Sample ID: 500-111942-6 DU
Matrix: Water
Analysis Batch: 336953

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lithium	0.013		0.0118		mg/L		13	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-336833/1-A
Matrix: Water
Analysis Batch: 339137

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/24/16 08:51	06/08/16 19:59	1
Arsenic	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 19:59	1
Barium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 19:59	1
Chromium	<0.0050		0.0050		mg/L		05/24/16 08:51	06/08/16 19:59	1
Cobalt	<0.0010		0.0010		mg/L		05/24/16 08:51	06/08/16 19:59	1
Selenium	<0.0025		0.0025		mg/L		05/24/16 08:51	06/08/16 19:59	1

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

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

Lab Sample ID: MB 500-336833/1-A
Matrix: Water
Analysis Batch: 339735

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		05/24/16 08:51	06/13/16 19:46	1
Cadmium	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 19:46	1
Calcium	<0.20		0.20		mg/L		05/24/16 08:51	06/13/16 19:46	1
Lead	<0.00050		0.00050		mg/L		05/24/16 08:51	06/13/16 19:46	1
Molybdenum	<0.0050		0.0050		mg/L		05/24/16 08:51	06/13/16 19:46	1
Thallium	<0.0020		0.0020		mg/L		05/24/16 08:51	06/13/16 19:46	1

Lab Sample ID: MB 500-336833/1-A
Matrix: Water
Analysis Batch: 339792

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010		mg/L		05/24/16 08:51	06/14/16 13:36	1

Lab Sample ID: LCS 500-336833/2-A
Matrix: Water
Analysis Batch: 339137

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.497		mg/L		99	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	2.00	1.92		mg/L		96	80 - 120
Chromium	0.200	0.191		mg/L		96	80 - 120
Cobalt	0.500	0.502		mg/L		100	80 - 120
Selenium	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: LCS 500-336833/2-A
Matrix: Water
Analysis Batch: 339735

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Boron	1.00	1.07		mg/L		107	80 - 120
Cadmium	0.0500	0.0483		mg/L		97	80 - 120
Calcium	10.0	11.1		mg/L		111	80 - 120
Lead	0.100	0.108		mg/L		108	80 - 120
Molybdenum	1.00	0.991		mg/L		99	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LCS 500-336833/2-A
Matrix: Water
Analysis Batch: 339792

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 336833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Beryllium	0.0500	0.0460		mg/L		92	80 - 120

TestAmerica Chicago

MWG13-15_58662
6/14/2016

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

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

Lab Sample ID: 500-111942-6 MS
Matrix: Water
Analysis Batch: 339137

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Antimony	<0.0030		0.500	0.501		mg/L		100	75 - 125
Arsenic	0.065		0.100	0.175		mg/L		110	75 - 125
Barium	0.16		2.00	2.15		mg/L		100	75 - 125
Calcium	150	*	10.0	157	4	mg/L		63	75 - 125
Chromium	<0.0050		0.200	0.183		mg/L		91	75 - 125
Cobalt	<0.0010		0.500	0.451		mg/L		90	75 - 125
Selenium	<0.0025		0.100	0.115		mg/L		115	75 - 125

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833
%Rec.

Lab Sample ID: 500-111942-6 MS
Matrix: Water
Analysis Batch: 339735

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Boron	0.65		1.00	1.57		mg/L		92	75 - 125
Cadmium	0.00077		0.0500	0.0498		mg/L		98	75 - 125
Calcium	150		10.0	154	4	mg/L		75	75 - 125
Lead	0.0016		0.100	0.103		mg/L		102	75 - 125
Molybdenum	0.028		1.00	1.06		mg/L		104	75 - 125
Thallium	<0.0020		0.100	0.103		mg/L		103	75 - 125

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833
%Rec.

Lab Sample ID: 500-111942-6 MS
Matrix: Water
Analysis Batch: 339792

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Beryllium	<0.0010	F1	0.0500	0.0365	F1	mg/L		72	75 - 125

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833
%Rec.

Lab Sample ID: 500-111942-6 MSD
Matrix: Water
Analysis Batch: 339137

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Antimony	<0.0030		0.500	0.490		mg/L		98	75 - 125	2	20
Arsenic	0.065		0.100	0.165		mg/L		100	75 - 125	6	20
Barium	0.16		2.00	2.01		mg/L		92	75 - 125	7	20
Calcium	150	*	10.0	142	4	mg/L		-91	75 - 125	10	20
Chromium	<0.0050		0.200	0.171		mg/L		85	75 - 125	7	20
Cobalt	<0.0010		0.500	0.425		mg/L		85	75 - 125	6	20
Selenium	<0.0025		0.100	0.109		mg/L		109	75 - 125	5	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833
%Rec.
RPD

Lab Sample ID: 500-111942-6 MSD
Matrix: Water
Analysis Batch: 339735

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Boron	0.65		1.00	1.50		mg/L		85	75 - 125	5	20
Cadmium	0.00077		0.0500	0.0465		mg/L		92	75 - 125	7	20
Calcium	150		10.0	141	4	mg/L		-59	75 - 125	9	20
Lead	0.0016		0.100	0.0980		mg/L		96	75 - 125	5	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833
%Rec.
RPD

TestAmerica Chicago



QC Sample Results

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

TestAmerica Job ID: 500-111942-1

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

Lab Sample ID: 500-111942-6 MSD
Matrix: Water
Analysis Batch: 339735

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Molybdenum	0.028		1.00	0.992		mg/L		96	75 - 125	7	20
Thallium	<0.0020		0.100	0.0975		mg/L		97	75 - 125	6	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Lab Sample ID: 500-111942-6 MSD
Matrix: Water
Analysis Batch: 339792

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Beryllium	<0.0010	F1	0.0500	0.0346	F1	mg/L		69	75 - 125	5	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Lab Sample ID: 500-111942-6 DU
Matrix: Water
Analysis Batch: 339137

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	0.065		0.0590		mg/L		9	20
Barium	0.16		0.142		mg/L		10	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Selenium	<0.0025		<0.0025		mg/L		NC	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Lab Sample ID: 500-111942-6 DU
Matrix: Water
Analysis Batch: 339735

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	0.65		0.571		mg/L		14	20
Cadmium	0.00077		0.000800		mg/L		4	20
Calcium	150		127		mg/L		14	20
Lead	0.0016		0.00148		mg/L		10	20
Molybdenum	0.028		0.0247		mg/L		11	20
Thallium	<0.0020		<0.0020		mg/L		NC	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Lab Sample ID: 500-111942-6 DU
Matrix: Water
Analysis Batch: 339792

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Beryllium	<0.0010	F1	<0.0010		mg/L		NC	20

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 336833

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-338186/12-A
Matrix: Water
Analysis Batch: 338501

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 17:03	1

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 338186

TestAmerica Chicago

MWG13-15_58664

6/14/2016

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-338186/13-A
Matrix: Water
Analysis Batch: 338501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 338186
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00221		mg/L		111	80 - 120

Lab Sample ID: 500-111942-1 MS
Matrix: Water
Analysis Batch: 338501

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 338186
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00020		0.00100	0.00105		mg/L		105	75 - 125

Lab Sample ID: 500-111942-1 MSD
Matrix: Water
Analysis Batch: 338501

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 338186
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00020		0.00100	0.00112		mg/L		112	75 - 125	6	20

Lab Sample ID: 500-111942-1 DU
Matrix: Water
Analysis Batch: 338501

Client Sample ID: MW-01
Prep Type: Total/NA
Prep Batch: 338186
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00020		0.00100	<0.00020		mg/L				NC	20

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

Lab Sample ID: MB 500-336566/1
Matrix: Water
Analysis Batch: 336566

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			05/23/16 03:05	1

Lab Sample ID: LCS 500-336566/2
Matrix: Water
Analysis Batch: 336566

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	250	296		mg/L		118	80 - 120

Lab Sample ID: 500-111942-1 DU
Matrix: Water
Analysis Batch: 336566

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

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Total Dissolved Solids	430		250	448		mg/L				4	5

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

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

Lab Sample ID: MB 500-336568/1
Matrix: Water
Analysis Batch: 336568

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			05/23/16 04:25	1

Lab Sample ID: LCS 500-336568/2
Matrix: Water
Analysis Batch: 336568

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	264		mg/L		106	80 - 120

Lab Sample ID: 500-111942-2 MS
Matrix: Water
Analysis Batch: 336568

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	660		250	956		mg/L		117	75 - 125

Lab Sample ID: 500-111942-2 DU
Matrix: Water
Analysis Batch: 336568

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

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	660			682		mg/L		3	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-338217/4
Matrix: Water
Analysis Batch: 338217

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			06/02/16 20:52	1

Lab Sample ID: LCS 500-338217/5
Matrix: Water
Analysis Batch: 338217

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	47.0		mg/L		94	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-339574/3
Matrix: Water
Analysis Batch: 339574

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			06/12/16 21:42	1

TestAmerica Chicago

MWG13-15_58666

6/14/2016

QC Sample Results

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

TestAmerica Job ID: 500-111942-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-339574/4
Matrix: Water
Analysis Batch: 339574

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	10.7		mg/L		107	80 - 120

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-338529/3
Matrix: Water
Analysis Batch: 338529

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			06/06/16 07:14	1

Lab Sample ID: LCS 500-338529/4
Matrix: Water
Analysis Batch: 338529

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	20.9		mg/L		105	80 - 120

Lab Sample ID: MB 500-338896/3
Matrix: Water
Analysis Batch: 338896

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			06/08/16 05:44	1

Lab Sample ID: LCS 500-338896/4
Matrix: Water
Analysis Batch: 338896

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	18.3		mg/L		91	80 - 120

Lab Sample ID: 500-111942-5 MS
Matrix: Water
Analysis Batch: 338896

Client Sample ID: MW-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	210		400	655		mg/L		110	75 - 125

Lab Sample ID: 500-111942-5 MSD
Matrix: Water
Analysis Batch: 338896

Client Sample ID: MW-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	210		400	647		mg/L		108	75 - 125	1	20

TestAmerica Chicago



Lab Chronicle

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-01

Date Collected: 05/20/16 12:59

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 14:48	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:12	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 20:25	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 13:44	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:37	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336566	05/23/16 04:12	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	338217	06/02/16 20:54	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:25	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		2	338529		CLB	TAL CHI
						(Start) 06/06/16 07:35		
						(End) 06/06/16 07:36		

Client Sample ID: MW-05

Date Collected: 05/17/16 13:42

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 14:53	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:15	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 20:28	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 13:48	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:47	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:31	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 21:29	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:28	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	338896		CLB	TAL CHI
						(Start) 06/08/16 05:52		
						(End) 06/08/16 05:53		

Lab Chronicle

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-08

Date Collected: 05/18/16 13:23

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 14:57	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:18	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	339735	06/13/16 19:54	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 22:59	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 13:51	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:49	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:40	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 20:56	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:30	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	338896		CLB	TAL CHI
					(Start)	06/08/16 05:53		
					(End)	06/08/16 05:54		

Client Sample ID: MW-09

Date Collected: 05/19/16 15:43

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 15:01	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:20	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	339735	06/13/16 19:58	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 23:03	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 13:55	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:52	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:43	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		1	338217	06/02/16 20:57	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:32	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		5	338896		CLB	TAL CHI
					(Start)	06/08/16 05:56		
					(End)	06/08/16 05:57		

TestAmerica Chicago

Lab Chronicle

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-11

Date Collected: 05/20/16 08:59

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 15:05	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:23	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	339735	06/13/16 20:02	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 23:07	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 13:59	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:54	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:46	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	338217	06/02/16 21:29	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:35	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	338896		CLB	TAL CHI
					(Start)	06/08/16 05:57		
					(End)	06/08/16 05:58		

Client Sample ID: MW-12

Date Collected: 05/20/16 10:56

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 15:10	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:25	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 20:32	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 14:02	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:56	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:49	CLB	TAL CHI
Total/NA	Analysis	SM 4500 CI- E		5	338217	06/02/16 20:58	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:37	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		20	338896		CLB	TAL CHI
					(Start)	06/08/16 06:00		
					(End)	06/08/16 06:01		

TestAmerica Chicago

MWG13-15_58670
6/14/2016

Lab Chronicle

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-15

Date Collected: 05/19/16 12:58

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 15:57	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:44	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	339735	06/13/16 20:05	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 23:10	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 14:28	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 17:59	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:52	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 21:02	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:49	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		100	338896		CLB	TAL CHI
					(Start)	06/08/16 06:01		
					(End)	06/08/16 06:02		

Client Sample ID: MW-17

Date Collected: 05/18/16 11:58

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 16:02	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:47	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		5	339735	06/13/16 20:09	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 23:14	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 14:32	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 18:06	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:55	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 21:03	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:51	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		50	338896		CLB	TAL CHI
					(Start)	06/08/16 06:02		
					(End)	06/08/16 06:03		

TestAmerica Chicago



Lab Chronicle

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

TestAmerica Job ID: 500-111942-1

Client Sample ID: MW-18

Date Collected: 05/18/16 14:33

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 16:07	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:49	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 20:51	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 14:36	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 18:08	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 04:58	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 21:04	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:54	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	338896		CLB	TAL CHI
					(Start)	06/08/16 06:03		
					(End)	06/08/16 06:04		

Client Sample ID: Duplicate

Date Collected: 05/18/16 00:00

Date Received: 05/20/16 20:22

Lab Sample ID: 500-111942-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6010C		1	336953	05/24/16 16:13	KML	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339137	06/08/16 20:52	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339735	06/13/16 20:55	FXG	TAL CHI
Total Recoverable	Prep	3005A			336833	05/24/16 08:51	JEF	TAL CHI
Total Recoverable	Analysis	6020A		1	339792	06/14/16 14:39	FXG	TAL CHI
Total/NA	Prep	7470A			338186	06/02/16 17:00	MJD	TAL CHI
Total/NA	Analysis	7470A		1	338501	06/05/16 18:10	MJD	TAL CHI
Total/NA	Analysis	SM 2540C		1	336568	05/23/16 05:01	CLB	TAL CHI
Total/NA	Analysis	SM 4500 Cl- E		5	338217	06/02/16 21:30	HMW	TAL CHI
Total/NA	Analysis	SM 4500 F C		1	339574	06/12/16 22:56	EAT	TAL CHI
Total/NA	Analysis	SM 4500 SO4 E		10	338896		CLB	TAL CHI
					(Start)	06/08/16 06:04		
					(End)	06/08/16 06:05		

Laboratory References:

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

TestAmerica Chicago

MWG13-15_58672
6/14/2016

Certification Summary

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

TestAmerica Job ID: 500-111942-1

Laboratory: TestAmerica Chicago

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	100201	04-30-17



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Chicago
 2417 Bond St.
 University Park, IL 60
 708-534-5200



Fax: 708-534-5211 500-411942 COC

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

Bill To:
 Contact: Accounts Payable
 Company: NRG Energy
 Address: 112 Telly St
 New Roads, LA 70780
 Phone: 713 465-4113
 Email: invoices@nrq.com
 PO #: 4501576732

Lab Lot # 500-11942
 Packages Sealed Yes No
 Received on ice Yes No
 Samples Intact Yes No
 Temperature °C of Cooler 33.2-9.214
 Within Hold Time Yes No
 Preserv. Indicated Yes No
 pH Check OK Yes No
 Res CL₂ Check OK Yes No
 Sample Labels and COC Agree Yes No
 COC not present

Sampler Name: Ian John Howleson	Project Name: Quarley Powertron CCR	Project Location: Pekin, IL	Lab PM: Eric Lang	Signature: TestAmerica Project Number: 50011612 TAT 15 Days	# / Cont. Volume Preserv. Matrix	Sampling Date Time	Client Sample ID	Additional Analyses / Remarks					
								6010C, 6020A, 7470A - Total Metals	4500_F_C - Fluoride	SM4500_Cl_E Chloride	SM4500_SO4_m - Sulfate		
						5-20-16 12:59 W	MW-01 CCR	X	X	X	X		
						5-17-16 13:42 W	MW-05 CCR	X	X	X	X		
						5-18-16 13:23 W	MW-08 CCR	X	X	X	X		
						5-19-16 15:43 W	MW-09 CCR	X	X	X	X		
						5-20-16 08:59 W	MW-11 CCR	X	X	X	X		
						5-20-16 10:56 W	MW-12 CCR	X	X	X	X		
						5-19-16 12:58 W	MW-15 CCR	X	X	X	X		
						5-18-16 11:58 W	MW-17 CCR	X	X	X	X		
						5-18-16 14:33 W	MW-18 CCR	X	X	X	X		
						5-18-16 — W	DUPLICATE	X	X	X	X		

RELINQUISHED BY: *[Signature]* COMPANY: KPRG DATE: 5-20-16 TIME: 20:22
 RECEIVED BY: *[Signature]* COMPANY: TA-CPT DATE: 5/20/16 TIME: 2022

Matrix Key
 WW = Wastewater SE = Sediment
 W = Water SO = Solid
 S = Soil DL = Drum Liquid
 SL = Sludge DS = Drum Solid
 MS = Miscellaneous L = Leachate
 OL = Oil W = Waste
 O = Air

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

Reservative Key
 1. HCl, Cool to 4°
 2. H₂SO₄, Cool to 4°
 3. HNO₃, Cool to 4°
 4. NaOH, Cool to 4°
 5. NaOH/Zn, Cool to 4°
 6. Cool to 4°
 7. None

COMMENTS:
 Date Received: / /
 Courrier:
 Hand Delivered
 Bill of Lading: of

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-111942-1

Login Number: 111942

List Number: 1

Creator: Scott, Sherri L

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \neq 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	3,3,2,9,2,4
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	



