

TestAmerica

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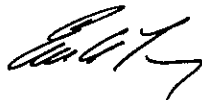
ANALYTICAL REPORT

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

TestAmerica Job ID: 500-112198-1
Client Project/Site: Will County CCR

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

Attn: Richard Gnat



*Authorized for release by:
6/17/2016 9:49:43 AM*

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

MWG13-15_58759

COMP. EX. 236 L

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Case Narrative

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

TestAmerica Job ID: 500-112198-1

Job ID: 500-112198-1

Laboratory: TestAmerica Chicago

Narrative

**Job Narrative
500-112198-1**

Comments

No additional comments.

Receipt

The samples were received on 5/26/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.4° C and 2.9° C.

Metals

Method(s) 6020A: The ICVL associated with batch 500-339572 recovered outside control limits for Beryllium. All mid range CCV's and the initial CCVL were within control limits. The final bracketing CCVL recovered above the control limits for Beryllium. The samples associated with these CCVL were non-detects for the affected analytes; therefore, the data have been 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.

Method Summary

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

TestAmerica Job ID: 500-112198-1

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: Will County CCR

TestAmerica Job ID: 500-112198-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-112198-1	MW-05	Water	05/26/16 09:30	05/26/16 15:15
500-112198-2	MW-06	Water	05/26/16 10:56	05/26/16 15:15
500-112198-3	MW-09	Water	05/24/16 15:12	05/26/16 15:15
500-112198-4	MW-10	Water	05/25/16 12:20	05/26/16 15:15
500-112198-5	MW-11	Water	05/25/16 10:56	05/26/16 15:15
500-112198-6	MW-12	Water	05/25/16 09:20	05/26/16 15:15
500-112198-7	DUP	Water	05/25/16 00:00	05/26/16 15:15

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Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-05

Date Collected: 05/26/16 09:30

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-1

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		05/31/16 08:23	05/31/16 22:38	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		05/27/16 15:08	06/08/16 18:53	1
Arsenic	0.0023		0.0010		mg/L		05/27/16 15:08	06/08/16 18:53	1
Barium	0.055		0.0025		mg/L		05/27/16 15:08	06/08/16 18:53	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:36	1
Boron	3.7		0.25		mg/L		05/27/16 15:08	06/13/16 19:01	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:36	1
Calcium	170		0.20		mg/L		05/27/16 15:08	06/10/16 22:36	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 18:53	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 18:53	1
Lead	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:36	1
Molybdenum	0.077		0.0050		mg/L		05/27/16 15:08	06/10/16 22:36	1
Selenium	0.019		0.0025		mg/L		05/27/16 15:08	06/08/16 18:53	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:36	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 21:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1500		10		mg/L			05/27/16 20:44	1
Chloride	110		10		mg/L			06/02/16 18:54	5
Fluoride	0.33		0.10		mg/L			06/07/16 14:01	1
Sulfate	670		250		mg/L			06/06/16 07:16	50

TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-06

Date Collected: 05/26/16 10:56

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.012		0.010		mg/L		05/31/16 08:23	05/31/16 22:43	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		05/27/16 15:08	06/08/16 18:56	1
Arsenic	0.0020		0.0010		mg/L		05/27/16 15:08	06/08/16 18:56	1
Barium	0.068		0.0025		mg/L		05/27/16 15:08	06/08/16 18:56	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:39	1
Boron	2.7		0.25		mg/L		05/27/16 15:08	06/13/16 19:09	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:39	1
Calcium	86		0.20		mg/L		05/27/16 15:08	06/10/16 22:39	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 18:56	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 18:56	1
Lead	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:39	1
Molybdenum	0.042		0.0050		mg/L		05/27/16 15:08	06/10/16 22:39	1
Selenium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 18:56	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:39	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 21:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	800		10		mg/L			05/27/16 20:50	1
Chloride	92		10		mg/L			06/02/16 18:55	5
Fluoride	0.44		0.10		mg/L			06/12/16 21:46	1
Sulfate	350		50		mg/L			06/08/16 07:17	10

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Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-09

Date Collected: 05/24/16 15:12

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-3

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		05/31/16 08:23	05/31/16 22:55	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		05/27/16 15:08	06/08/16 18:58	1
Arsenic	0.0043		0.0010		mg/L		05/27/16 15:08	06/08/16 18:58	1
Barium	0.027		0.0025		mg/L		05/27/16 15:08	06/08/16 18:58	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:43	1
Boron	1.6		0.25		mg/L		05/27/16 15:08	06/13/16 19:13	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:43	1
Calcium	48		0.20		mg/L		05/27/16 15:08	06/10/16 22:43	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 18:58	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 18:58	1
Lead	0.00071		0.00050		mg/L		05/27/16 15:08	06/10/16 22:43	1
Molybdenum	0.079		0.0050		mg/L		05/27/16 15:08	06/10/16 22:43	1
Selenium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 18:58	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:43	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 21:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	640		10		mg/L			05/27/16 20:54	1
Chloride	180		10		mg/L			06/02/16 18:58	5
Fluoride	0.51		0.10		mg/L			06/12/16 21:54	1
Sulfate	240		50		mg/L			06/06/16 07:18	10

TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-10

Date Collected: 05/25/16 12:20

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-4

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		05/31/16 08:23	05/31/16 23:00	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		05/27/16 15:08	06/08/16 19:01	1
Arsenic	0.034		0.0010		mg/L		05/27/16 15:08	06/08/16 19:01	1
Barium	0.096		0.0025		mg/L		05/27/16 15:08	06/08/16 19:01	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:47	1
Boron	3.6		0.25		mg/L		05/27/16 15:08	06/13/16 19:16	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:47	1
Calcium	120		0.20		mg/L		05/27/16 15:08	06/10/16 22:47	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 19:01	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 19:01	1
Lead	0.00055		0.00050		mg/L		05/27/16 15:08	06/10/16 22:47	1
Molybdenum	0.065		0.0050		mg/L		05/27/16 15:08	06/10/16 22:47	1
Selenium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 19:01	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:47	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 22:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		10		mg/L			05/27/16 20:57	1
Chloride	140		10		mg/L			06/02/16 18:59	5
Fluoride	0.83		0.10		mg/L			06/12/16 21:56	1
Sulfate	260		50		mg/L			06/06/16 07:19	10

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Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-11

Date Collected: 05/25/16 10:56

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-5

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		05/31/16 08:23	05/31/16 23:04	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		05/27/16 15:08	06/08/16 19:04	1
Arsenic	0.0073		0.0010		mg/L		05/27/16 15:08	06/08/16 19:04	1
Barium	0.093		0.0025		mg/L		05/27/16 15:08	06/08/16 19:04	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:51	1
Boron	2.8		0.25		mg/L		05/27/16 15:08	06/13/16 19:20	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:51	1
Calcium	82		0.20		mg/L		05/27/16 15:08	06/10/16 22:51	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 19:04	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 19:04	1
Lead	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:51	1
Molybdenum	0.083		0.0050		mg/L		05/27/16 15:08	06/10/16 22:51	1
Selenium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 19:04	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:51	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 22:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	640		10		mg/L			05/27/16 21:00	1
Chloride	98		10		mg/L			06/02/16 18:59	5
Fluoride	0.75		0.10		mg/L			06/12/16 21:58	1
Sulfate	170		25		mg/L			06/06/16 07:20	5

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Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: MW-12

Date Collected: 05/25/16 09:20

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-6

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		05/31/16 08:23	05/31/16 23:08	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		05/27/16 15:08	06/08/16 19:06	1
Arsenic	0.0013		0.0010		mg/L		05/27/16 15:08	06/08/16 19:06	1
Barium	0.12		0.0025		mg/L		05/27/16 15:08	06/08/16 19:06	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:55	1
Boron	1.9		0.25		mg/L		05/27/16 15:08	06/13/16 19:24	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:55	1
Calcium	130		0.20		mg/L		05/27/16 15:08	06/10/16 22:55	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 19:06	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 19:06	1
Lead	0.00063		0.00050		mg/L		05/27/16 15:08	06/10/16 22:55	1
Molybdenum	0.030		0.0050		mg/L		05/27/16 15:08	06/10/16 22:55	1
Selenium	0.0026		0.0025		mg/L		05/27/16 15:08	06/08/16 19:06	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:55	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 22:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	890		10		mg/L			05/27/16 21:03	1
Chloride	150		10		mg/L			06/02/16 19:00	5
Fluoride	0.54		0.10		mg/L			06/12/16 22:01	1
Sulfate	250		50		mg/L			06/08/16 07:23	10

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Client Sample Results

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

TestAmerica Job ID: 500-112198-1

Client Sample ID: DUP

Date Collected: 05/25/16 00:00

Date Received: 05/26/16 15:15

Lab Sample ID: 500-112198-7

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		05/31/16 08:23	05/31/16 23:13	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		05/27/16 15:08	06/08/16 19:14	1
Arsenic	0.0016		0.0010		mg/L		05/27/16 15:08	06/08/16 19:14	1
Barium	0.17		0.0025		mg/L		05/27/16 15:08	06/08/16 19:14	1
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:58	1
Boron	1.8		0.25		mg/L		05/27/16 15:08	06/13/16 19:28	5
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:58	1
Calcium	130		0.20		mg/L		05/27/16 15:08	06/10/16 22:58	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 19:14	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 19:14	1
Lead	0.0011		0.00050		mg/L		05/27/16 15:08	06/10/16 22:58	1
Molybdenum	0.034		0.025		mg/L		05/27/16 15:08	06/13/16 19:28	5
Selenium	0.0029		0.0025		mg/L		05/27/16 15:08	06/08/16 19:14	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:58	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 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	950		10		mg/L			05/27/16 21:06	1
Chloride	150		10		mg/L			06/02/16 19:00	5
Fluoride	0.54		0.10		mg/L			06/12/16 22:03	1
Sulfate	250		50		mg/L			06/06/16 07:26	10

TestAmerica Chicago

MWG13-15_58770
6/17/2016

Definitions/Glossary

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

TestAmerica Job ID: 500-112198-1

Qualifiers

Metals

Qualifier	Qualifier Description
A	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
D	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)

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QC Association Summary

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

TestAmerica Job ID: 500-112198-1

Metals

Prep Batch: 337525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	3005A	
500-112198-2	MW-06	Total Recoverable	Water	3005A	
500-112198-3	MW-09	Total Recoverable	Water	3005A	
500-112198-4	MW-10	Total Recoverable	Water	3005A	
500-112198-5	MW-11	Total Recoverable	Water	3005A	
500-112198-6	MW-12	Total Recoverable	Water	3005A	
500-112198-7	DUP	Total Recoverable	Water	3005A	
LCS 500-337525/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-337525/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 337709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	3005A	
500-112198-2	MW-06	Total Recoverable	Water	3005A	
500-112198-3	MW-09	Total Recoverable	Water	3005A	
500-112198-4	MW-10	Total Recoverable	Water	3005A	
500-112198-5	MW-11	Total Recoverable	Water	3005A	
500-112198-6	MW-12	Total Recoverable	Water	3005A	
500-112198-7	DUP	Total Recoverable	Water	3005A	
LCS 500-337709/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 500-337709/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 500-337709/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 337890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	6010C	337709
500-112198-2	MW-06	Total Recoverable	Water	6010C	337709
500-112198-3	MW-09	Total Recoverable	Water	6010C	337709
500-112198-4	MW-10	Total Recoverable	Water	6010C	337709
500-112198-5	MW-11	Total Recoverable	Water	6010C	337709
500-112198-6	MW-12	Total Recoverable	Water	6010C	337709
500-112198-7	DUP	Total Recoverable	Water	6010C	337709
LCS 500-337709/2-A	Lab Control Sample	Total Recoverable	Water	6010C	337709
LCS 500-337709/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010C	337709
MB 500-337709/1-A	Method Blank	Total Recoverable	Water	6010C	337709

Prep Batch: 338187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	7470A	
500-112198-2	MW-06	Total/NA	Water	7470A	
500-112198-3	MW-09	Total/NA	Water	7470A	
500-112198-4	MW-10	Total/NA	Water	7470A	
500-112198-5	MW-11	Total/NA	Water	7470A	
500-112198-6	MW-12	Total/NA	Water	7470A	
500-112198-7	DUP	Total/NA	Water	7470A	
LCS 500-338187/13-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-338187/12-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 338501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	7470A	338187

TestAmerica Chicago

QC Association Summary

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

TestAmerica Job ID: 500-112198-1

Metals (Continued)

Analysis Batch: 338501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-2	MW-06	Total/NA	Water	7470A	338187
500-112198-3	MW-09	Total/NA	Water	7470A	338187
500-112198-4	MW-10	Total/NA	Water	7470A	338187
500-112198-5	MW-11	Total/NA	Water	7470A	338187
500-112198-6	MW-12	Total/NA	Water	7470A	338187
500-112198-7	DUP	Total/NA	Water	7470A	338187
LCS 500-338187/13-A	Lab Control Sample	Total/NA	Water	7470A	338187
MB 500-338187/12-A	Method Blank	Total/NA	Water	7470A	338187

Analysis Batch: 339137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	6020A	337525
500-112198-2	MW-06	Total Recoverable	Water	6020A	337525
500-112198-3	MW-09	Total Recoverable	Water	6020A	337525
500-112198-4	MW-10	Total Recoverable	Water	6020A	337525
500-112198-5	MW-11	Total Recoverable	Water	6020A	337525
500-112198-6	MW-12	Total Recoverable	Water	6020A	337525
500-112198-7	DUP	Total Recoverable	Water	6020A	337525
LCS 500-337525/2-A	Lab Control Sample	Total Recoverable	Water	6020A	337525
MB 500-337525/1-A	Method Blank	Total Recoverable	Water	6020A	337525

Analysis Batch: 339572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	6020A	337525
500-112198-2	MW-06	Total Recoverable	Water	6020A	337525
500-112198-3	MW-09	Total Recoverable	Water	6020A	337525
500-112198-4	MW-10	Total Recoverable	Water	6020A	337525
500-112198-5	MW-11	Total Recoverable	Water	6020A	337525
500-112198-6	MW-12	Total Recoverable	Water	6020A	337525
500-112198-7	DUP	Total Recoverable	Water	6020A	337525
LCS 500-337525/2-A	Lab Control Sample	Total Recoverable	Water	6020A	337525
MB 500-337525/1-A	Method Blank	Total Recoverable	Water	6020A	337525

Analysis Batch: 339726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total Recoverable	Water	6020A	337525
500-112198-2	MW-06	Total Recoverable	Water	6020A	337525
500-112198-3	MW-09	Total Recoverable	Water	6020A	337525
500-112198-4	MW-10	Total Recoverable	Water	6020A	337525
500-112198-5	MW-11	Total Recoverable	Water	6020A	337525
500-112198-6	MW-12	Total Recoverable	Water	6020A	337525
500-112198-7	DUP	Total Recoverable	Water	6020A	337525
LCS 500-337525/2-A	Lab Control Sample	Total Recoverable	Water	6020A	337525
MB 500-337525/1-A	Method Blank	Total Recoverable	Water	6020A	337525

General Chemistry

Analysis Batch: 337569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	SM 2540C	

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QC Association Summary

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

TestAmerica Job ID: 500-112198-1

General Chemistry (Continued)

Analysis Batch: 337569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1 DU	MW-05	Total/NA	Water	SM 2540C	
500-112198-2	MW-06	Total/NA	Water	SM 2540C	
500-112198-3	MW-09	Total/NA	Water	SM 2540C	
500-112198-4	MW-10	Total/NA	Water	SM 2540C	
500-112198-5	MW-11	Total/NA	Water	SM 2540C	
500-112198-6	MW-12	Total/NA	Water	SM 2540C	
500-112198-7	DUP	Total/NA	Water	SM 2540C	
LCS 500-337569/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 500-337569/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 338216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	SM 4500 CI- E	
500-112198-2	MW-06	Total/NA	Water	SM 4500 CI- E	
500-112198-2 MS	MW-06	Total/NA	Water	SM 4500 CI- E	
500-112198-2 MSD	MW-06	Total/NA	Water	SM 4500 CI- E	
500-112198-3	MW-09	Total/NA	Water	SM 4500 CI- E	
500-112198-4	MW-10	Total/NA	Water	SM 4500 CI- E	
500-112198-5	MW-11	Total/NA	Water	SM 4500 CI- E	
500-112198-6	MW-12	Total/NA	Water	SM 4500 CI- E	
500-112198-7	DUP	Total/NA	Water	SM 4500 CI- E	
LCS 500-338216/5	Lab Control Sample	Total/NA	Water	SM 4500 CI- E	
MB 500-338216/4	Method Blank	Total/NA	Water	SM 4500 CI- E	

Analysis Batch: 338529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-112198-2	MW-06	Total/NA	Water	SM 4500 SO4 E	
500-112198-3	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-112198-4	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-112198-5	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-112198-5 MS	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-112198-5 MSD	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-112198-6	MW-12	Total/NA	Water	SM 4500 SO4 E	
500-112198-7	DUP	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: 338807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-1	MW-05	Total/NA	Water	SM 4500 F C	
500-112198-1 MS	MW-05	Total/NA	Water	SM 4500 F C	
500-112198-1 MSD	MW-05	Total/NA	Water	SM 4500 F C	
LCS 500-338807/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MB 500-338807/3	Method Blank	Total/NA	Water	SM 4500 F C	

Analysis Batch: 339574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-2	MW-06	Total/NA	Water	SM 4500 F C	
500-112198-2 MS	MW-06	Total/NA	Water	SM 4500 F C	
500-112198-2 MSD	MW-06	Total/NA	Water	SM 4500 F C	

TestAmerica Chicago

QC Association Summary

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

TestAmerica Job ID: 500-112198-1

General Chemistry (Continued)

Analysis Batch: 339574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112198-3	MW-09	Total/NA	Water	SM 4500 F C	
500-112198-4	MW-10	Total/NA	Water	SM 4500 F C	
500-112198-5	MW-11	Total/NA	Water	SM 4500 F C	
500-112198-6	MW-12	Total/NA	Water	SM 4500 F C	
500-112198-7	DUP	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	

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QC Sample Results

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

TestAmerica Job ID: 500-112198-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-337709/1-A
Matrix: Water
Analysis Batch: 337890

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 337709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		05/31/16 08:23	05/31/16 22:25	1

Lab Sample ID: LCS 500-337709/2-A
Matrix: Water
Analysis Batch: 337890

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 337709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lithium	0.500	0.535		mg/L		107	80 - 120

Lab Sample ID: LCSD 500-337709/3-A
Matrix: Water
Analysis Batch: 337890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 337709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Lithium	0.500	0.518		mg/L		104	80 - 120	3	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-337525/1-A
Matrix: Water
Analysis Batch: 339137

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 337525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/27/16 15:08	06/08/16 18:48	1
Arsenic	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 18:48	1
Barium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 18:48	1
Chromium	<0.0050		0.0050		mg/L		05/27/16 15:08	06/08/16 18:48	1
Cobalt	<0.0010		0.0010		mg/L		05/27/16 15:08	06/08/16 18:48	1
Selenium	<0.0025		0.0025		mg/L		05/27/16 15:08	06/08/16 18:48	1

Lab Sample ID: MB 500-337525/1-A
Matrix: Water
Analysis Batch: 339572

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 337525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010	^	0.0010		mg/L		05/27/16 15:08	06/10/16 22:28	1
Cadmium	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:28	1
Calcium	<0.20		0.20		mg/L		05/27/16 15:08	06/10/16 22:28	1
Lead	<0.00050		0.00050		mg/L		05/27/16 15:08	06/10/16 22:28	1
Molybdenum	<0.0050		0.0050		mg/L		05/27/16 15:08	06/10/16 22:28	1
Thallium	<0.0020		0.0020		mg/L		05/27/16 15:08	06/10/16 22:28	1

Lab Sample ID: MB 500-337525/1-A
Matrix: Water
Analysis Batch: 339726

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 337525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		05/27/16 15:08	06/13/16 18:53	1

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QC Sample Results

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

TestAmerica Job ID: 500-112198-1

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

Lab Sample ID: LCS 500-337525/2-A
Matrix: Water
Analysis Batch: 339137

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 337525
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.500	0.476		mg/L		95	80 - 120
Arsenic	0.100	0.0967		mg/L		97	80 - 120
Barium	0.500	0.460		mg/L		92	80 - 120
Chromium	0.200	0.183		mg/L		92	80 - 120
Cobalt	0.500	0.486		mg/L		97	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 500-337525/2-A
Matrix: Water
Analysis Batch: 339572

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 337525
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Beryllium	0.0500	0.0466	^	mg/L		93	80 - 120
Cadmium	0.0500	0.0484		mg/L		97	80 - 120
Calcium	10.0	11.0		mg/L		110	80 - 120
Lead	0.100	0.0996		mg/L		100	80 - 120
Molybdenum	1.00	0.959		mg/L		96	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 500-337525/2-A
Matrix: Water
Analysis Batch: 339726

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 337525
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Boron	1.00	1.00		mg/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-338187/12-A
Matrix: Water
Analysis Batch: 338501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 338187

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/02/16 17:00	06/05/16 21:04	1

Lab Sample ID: LCS 500-338187/13-A
Matrix: Water
Analysis Batch: 338501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 338187
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00218		mg/L		109	80 - 120

TestAmerica Chicago

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QC Sample Results

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

TestAmerica Job ID: 500-112198-1

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

Lab Sample ID: MB 500-337569/1
Matrix: Water
Analysis Batch: 337569

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			05/27/16 20:04	1

Lab Sample ID: LCS 500-337569/2
Matrix: Water
Analysis Batch: 337569

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	296		mg/L		118	80 - 120

Lab Sample ID: 500-112198-1 DU
Matrix: Water
Analysis Batch: 337569

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	1500		1460		mg/L		1	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-338216/4
Matrix: Water
Analysis Batch: 338216

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 18:16	1

Lab Sample ID: LCS 500-338216/5
Matrix: Water
Analysis Batch: 338216

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	48.6		mg/L		97	80 - 120

Lab Sample ID: 500-112198-2 MS
Matrix: Water
Analysis Batch: 338216

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	92		50.0	135		mg/L		86	75 - 125

Lab Sample ID: 500-112198-2 MSD
Matrix: Water
Analysis Batch: 338216

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	92		50.0	135		mg/L		86	75 - 125	0	20

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-112198-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-338807/3
Matrix: Water
Analysis Batch: 338807

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			06/07/16 13:53	1

Lab Sample ID: LCS 500-338807/4
Matrix: Water
Analysis Batch: 338807

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

Lab Sample ID: 500-112198-1 MS
Matrix: Water
Analysis Batch: 338807

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
Fluoride	0.33		5.00	5.48		mg/L		103	75 - 125

Lab Sample ID: 500-112198-1 MSD
Matrix: Water
Analysis Batch: 338807

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.33		5.00	5.46		mg/L		103	75 - 125	0	20

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

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

Lab Sample ID: 500-112198-2 MS
Matrix: Water
Analysis Batch: 339574

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.44		5.00	5.75		mg/L		106	75 - 125

Lab Sample ID: 500-112198-2 MSD
Matrix: Water
Analysis Batch: 339574

Client Sample ID: MW-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.44		5.00	5.78		mg/L		107	75 - 125	1	20

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-112198-1

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: 500-112198-5 MS
Matrix: Water
Analysis Batch: 338529

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	170		200	365		mg/L		99	75 - 125

Lab Sample ID: 500-112198-5 MSD
Matrix: Water
Analysis Batch: 338529

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	170		200	365		mg/L		99	75 - 125	0	20

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Chicago

2417 Bond St.

University Park, IL 6041

708-534-5200

Fax: 708-534-5211

500-112198 COC



Report To:

Contact: Richard Gnat
 Company: KPRG and Associates, Inc
 Address: 14686 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 70760
 Phone: 713 465-4113
 Email: invoices@nrg.com
 PO #: 4501669118

Lab Lot # 500-112198

Package Sealed (Yes) No (No) Samples Sealed (Yes) No (No)

Received on Ice (Yes) No (No) Samples Intact (Yes) No (N/A)

Temperature °C of Cooler

24.29

Within Hold Time (Yes) No (No) Preserv. Indicated (Yes) No (N/A)

pH Check OK (Yes) No (No) Res Cl₂ Check OK (Yes) No (N/A)

Sample Labels and COC Agree (Yes) No (No) COC not present

Additional Analyses / Remarks

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Time	# / Cont.	Volume	Preserv.						Additional Analyses / Remarks
							Matrix	Comp/Grab	903.0, 904.0 Radium 226/228	6010C, 6020A, 7470A - Total Metals	2540C -TDS	4500_F_C - Fluoride	
1		MW-05	5-26-16	09:30	W 5	X	X	X	X	X	X	X	
2		MW-06	5-26-16	10:56	W 5	X	X	X	X	X	X	X	
3		MW-09	5-24-16	15:12	W 5	X	X	X	X	X	X	X	
4		MW-10	5-25-16	12:20	W 5	X	X	X	X	X	X	X	
5		MW-11	5-25-16	10:56	W 5	X	X	X	X	X	X	X	
6		MW-12	5-25-16	09:20	W 5	X	X	X	X	X	X	X	
7		DUP	5-25-16	—	W 5	X	X	X	X	X	X	X	

RELINQUISHED BY: [Signature] COMPANY: KPRG DATE: 5-26-16 TIME: 15:15 RECEIVED BY: [Signature] COMPANY: TA CHE DATE: 5/26/16 TIME: 15:15

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 = Wipe
 A = Air O = _____

Container Key
 1. Plastic
 2. VOA Vial
 3. Sterile Plastic
 4. Amber Glass
 5. Widemouth 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/Zn, Cool to 4°
 6. Cool to 4°
 7. None

COMMENTS:

Date Received / /
 Courier: _____
 Hand Delivered
 Bill of Lading: _____

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Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-112198-1

Login Number: 112198

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

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	2.4,2.9
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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

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

TestAmerica Job ID: 500-112198-1

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

