

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

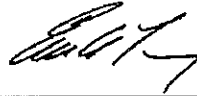
ANALYTICAL REPORT

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

TestAmerica Job ID: 500-123394-1
Client Project/Site: Will County CCR

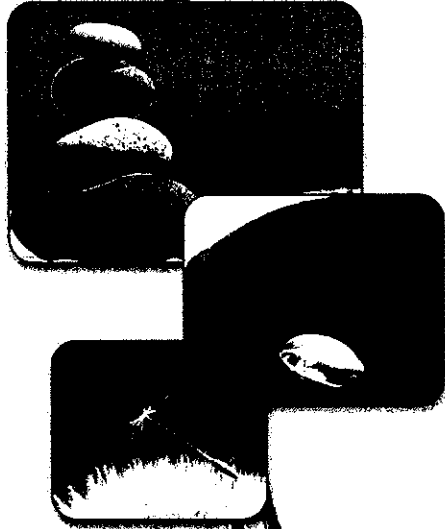
For:
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 2B
Brookfield, Wisconsin 53005

Attn: Richard Gnat



Authorized for release by:
2/14/2017 2:59:32 PM

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

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Case Narrative

TestAmerica Job ID: 500-123394-1

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

Job ID: 500-123394-1

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Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-123394-1

Comments

No additional comments.

Receipt

The samples were received on 2/2/2017 5:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were -0.9° C and 0.8° C.

Metals

Method(s) 6020A: The laboratory control sample (LCS) for prep batch 370761 recovered above the control limits for Iron. The associated samples were non-detects and therefore reported.

Method(s) 7470A: The continuing calibration verification (CCV) associated with batch 500-370955 recovered above the upper control limit for Hg. The samples associated with this CCV 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: 500-123394-1

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

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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

TestAmerica Chicago

Sample Summary

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

TestAmerica Job ID: 500-123394-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-123394-1	MW-05	Water	02/01/17 12:15	02/02/17 17:30
500-123394-2	MW-06	Water	02/01/17 13:56	02/02/17 17:30
500-123394-3	MW-09	Water	01/31/17 14:08	02/02/17 17:30
500-123394-4	MW-10	Water	02/02/17 13:05	02/02/17 17:30
500-123394-5	MW-11	Water	02/01/17 16:32	02/02/17 17:30
500-123394-6	MW-12	Water	02/01/17 15:45	02/02/17 17:30
500-123394-7	Duplicate	Water	02/01/17 00:00	02/02/17 17:30

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Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-05

Lab Sample ID: 500-123394-1

Date Collected: 02/01/17 12:15

Matrix: Water

Date Received: 02/02/17 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.010		mg/L		02/03/17 08:49	02/03/17 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/03/17 08:49	02/03/17 17:38	1
Arsenic	0.0015		0.0010		mg/L		02/03/17 08:49	02/03/17 17:38	1
Barium	0.058		0.0025		mg/L		02/03/17 08:49	02/03/17 17:38	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 17:38	1
Boron	4.6		0.50		mg/L		02/03/17 08:49	02/06/17 12:14	10
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:38	1
Calcium	250		2.0		mg/L		02/03/17 08:49	02/06/17 12:14	10
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:38	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:38	1
Lead	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:38	1
Molybdenum	0.048		0.0050		mg/L		02/03/17 08:49	02/03/17 17:38	1
Selenium	0.029		0.0025		mg/L		02/03/17 08:49	02/03/17 17:38	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020	^	0.00020		mg/L		02/03/17 12:00	02/06/17 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1600		10		mg/L			02/07/17 04:45	1
Chloride	48		2.0		mg/L			02/09/17 23:22	1
Fluoride	0.35		0.10		mg/L			02/07/17 15:30	1
Sulfate	530		100		mg/L			02/07/17 10:05	20

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TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-06

Lab Sample ID: 500-123394-2

Date Collected: 02/01/17 13:56

Matrix: Water

Date Received: 02/02/17 17:30

Method: 6010C - Metals (ICP) - Total Recoverable									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.012		0.010		mg/L		02/03/17 08:49	02/03/17 16:24	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		02/03/17 08:49	02/03/17 17:42	1
Arsenic	0.0043		0.0010		mg/L		02/03/17 08:49	02/03/17 17:42	1
Barium	0.068		0.0025		mg/L		02/03/17 08:49	02/03/17 17:42	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 17:42	1
Boron	3.4		0.50		mg/L		02/03/17 08:49	02/06/17 12:17	10
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:42	1
Calcium	70		2.0		mg/L		02/03/17 08:49	02/06/17 12:17	10
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:42	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:42	1
Lead	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:42	1
Molybdenum	0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:42	1
Selenium	0.0035		0.0025		mg/L		02/03/17 08:49	02/03/17 17:42	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:42	1

Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020	^	0.00020		mg/L		02/03/17 12:00	02/06/17 10:16	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	700		10		mg/L			02/07/17 04:50	1
Chloride	83		10		mg/L			02/10/17 00:19	5
Fluoride	0.41		0.10		mg/L			02/07/17 15:33	1
Sulfate	260		50		mg/L			02/07/17 10:08	10

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TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-09

Lab Sample ID: 500-123394-3

Date Collected: 01/31/17 14:08

Matrix: Water

Date Received: 02/02/17 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		02/03/17 08:49	02/03/17 16:28	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		02/03/17 08:49	02/03/17 17:46	1
Arsenic	0.0063		0.0010		mg/L		02/03/17 08:49	02/03/17 17:46	1
Barium	0.038		0.0025		mg/L		02/03/17 08:49	02/03/17 17:46	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 17:46	1
Boron	2.0		0.25		mg/L		02/03/17 08:49	02/06/17 12:21	5
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:46	1
Calcium	61		1.0		mg/L		02/03/17 08:49	02/06/17 12:21	5
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:46	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:46	1
Lead	0.0014		0.00050		mg/L		02/03/17 08:49	02/03/17 17:46	1
Molybdenum	0.090		0.0050		mg/L		02/03/17 08:49	02/03/17 17:46	1
Selenium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 17:46	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020	^	0.00020		mg/L		02/03/17 12:00	02/06/17 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	710		10		mg/L			02/07/17 04:52	1
Chloride	250		10		mg/L			02/10/17 00:19	5
Fluoride	0.57		0.10		mg/L			02/07/17 15:36	1
Sulfate	180		50		mg/L			02/07/17 10:09	10

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TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-10

Lab Sample ID: 500-123394-4

Date Collected: 02/02/17 13:05

Matrix: Water

Date Received: 02/02/17 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.020		0.010		mg/L		02/03/17 08:49	02/03/17 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/03/17 08:49	02/03/17 17:50	1
Arsenic	0.050		0.0010		mg/L		02/03/17 08:49	02/03/17 17:50	1
Barium	0.14		0.0025		mg/L		02/03/17 08:49	02/03/17 17:50	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 17:50	1
Boron	3.7		0.50		mg/L		02/03/17 08:49	02/06/17 12:25	10
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:50	1
Calcium	180		2.0		mg/L		02/03/17 08:49	02/06/17 12:25	10
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:50	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:50	1
Lead	0.0013		0.00050		mg/L		02/03/17 08:49	02/03/17 17:50	1
Molybdenum	0.031		0.0050		mg/L		02/03/17 08:49	02/03/17 17:50	1
Selenium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 17:50	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020	^	0.00020		mg/L		02/03/17 12:00	02/06/17 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	930		10		mg/L			02/07/17 04:54	1
Chloride	81		10		mg/L			02/10/17 00:20	5
Fluoride	0.54		0.10		mg/L			02/07/17 15:39	1
Sulfate	160		50		mg/L			02/07/17 10:10	10

TestAmerica Chicago

Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-11

Lab Sample ID: 500-123394-5

Date Collected: 02/01/17 16:32

Matrix: Water

Date Received: 02/02/17 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		02/03/17 08:49	02/03/17 16:35	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		02/03/17 08:49	02/03/17 17:53	1
Arsenic	0.011		0.0010		mg/L		02/03/17 08:49	02/03/17 17:53	1
Barium	0.15		0.0025		mg/L		02/03/17 08:49	02/03/17 17:53	1
Beryllium	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:53	1
Boron	3.9		0.50		mg/L		02/03/17 08:49	02/06/17 12:29	10
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:53	1
Calcium	110		2.0		mg/L		02/03/17 08:49	02/06/17 12:29	10
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:53	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:53	1
Lead	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:53	1
Molybdenum	0.076		0.0050		mg/L		02/03/17 08:49	02/03/17 17:53	1
Selenium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 17:53	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/03/17 12:00	02/06/17 10:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	600		10		mg/L			02/07/17 04:57	1
Chloride	72		2.0		mg/L			02/09/17 23:26	1
Fluoride	0.65		0.10		mg/L			02/07/17 15:41	1
Sulfate	110		25		mg/L			02/07/17 10:11	5

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Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: MW-12

Lab Sample ID: 500-123394-6

Date Collected: 02/01/17 15:45

Matrix: Water

Date Received: 02/02/17 17:30

Method: 6010C - Metals (ICP) - Total Recoverable									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.013		0.010		mg/L		02/03/17 08:49	02/03/17 17:00	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		02/03/17 08:49	02/03/17 18:20	1
Arsenic	0.0017		0.0010		mg/L		02/03/17 08:49	02/03/17 18:20	1
Barium	0.11		0.0025		mg/L		02/03/17 08:49	02/03/17 18:20	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 18:20	1
Boron	2.0		0.25		mg/L		02/03/17 08:49	02/06/17 12:55	5
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 18:20	1
Calcium	160		1.0		mg/L		02/03/17 08:49	02/06/17 12:55	5
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 18:20	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 18:20	1
Lead	0.00065		0.00050		mg/L		02/03/17 08:49	02/03/17 18:20	1
Molybdenum	0.023		0.0050		mg/L		02/03/17 08:49	02/03/17 18:20	1
Selenium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 18:20	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 18:20	1

Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/03/17 12:00	02/06/17 10:25	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	900		10		mg/L			02/07/17 04:59	1
Chloride	120		10		mg/L			02/10/17 00:20	5
Fluoride	0.48		0.10		mg/L			02/07/17 15:43	1
Sulfate	150		50		mg/L			02/07/17 10:12	10

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Client Sample Results

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

TestAmerica Job ID: 500-123394-1

Client Sample ID: Duplicate

Lab Sample ID: 500-123394-7

Date Collected: 02/01/17 00:00

Matrix: Water

Date Received: 02/02/17 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.016		0.010		mg/L		02/03/17 08:49	02/03/17 17:03	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		02/03/17 08:49	02/03/17 18:24	1
Arsenic	0.0015		0.0010		mg/L		02/03/17 08:49	02/03/17 18:24	1
Barium	0.056		0.0025		mg/L		02/03/17 08:49	02/03/17 18:24	1
Beryllium	<0.0010	*	0.0010		mg/L		02/03/17 08:49	02/03/17 18:24	1
Boron	4.7		0.50		mg/L		02/03/17 08:49	02/06/17 13:22	10
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 18:24	1
Calcium	260		2.0		mg/L		02/03/17 08:49	02/06/17 13:22	10
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 18:24	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 18:24	1
Lead	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 18:24	1
Molybdenum	0.046		0.0050		mg/L		02/03/17 08:49	02/03/17 18:24	1
Selenium	0.030		0.0025		mg/L		02/03/17 08:49	02/03/17 18:24	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 18:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/03/17 12:00	02/06/17 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1600		10		mg/L			02/07/17 05:01	1
Chloride	49		2.0		mg/L			02/09/17 23:30	1
Fluoride	0.35		0.10		mg/L			02/07/17 15:46	1
Sulfate	510		100		mg/L			02/07/17 10:13	20

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Definitions/Glossary

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

TestAmerica Job ID: 500-123394-1

Qualifiers

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC 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.
n	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: 500-123394-1

Metals

Prep Batch: 370761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total Recoverable	Water	3005A	
500-123394-2	MW-06	Total Recoverable	Water	3005A	
500-123394-3	MW-09	Total Recoverable	Water	3005A	
500-123394-4	MW-10	Total Recoverable	Water	3005A	
500-123394-5	MW-11	Total Recoverable	Water	3005A	
500-123394-6	MW-12	Total Recoverable	Water	3005A	
500-123394-7	Duplicate	Total Recoverable	Water	3005A	
MB 500-370761/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-370761/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-123394-5 MS	MW-11	Total Recoverable	Water	3005A	
500-123394-5 MSD	MW-11	Total Recoverable	Water	3005A	
500-123394-5 DU	MW-11	Total Recoverable	Water	3005A	

Prep Batch: 370801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	7470A	
500-123394-2	MW-06	Total/NA	Water	7470A	
500-123394-3	MW-09	Total/NA	Water	7470A	
500-123394-4	MW-10	Total/NA	Water	7470A	
500-123394-5	MW-11	Total/NA	Water	7470A	
500-123394-6	MW-12	Total/NA	Water	7470A	
500-123394-7	Duplicate	Total/NA	Water	7470A	
MB 500-370801/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-370801/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 370845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total Recoverable	Water	6010C	370761
500-123394-2	MW-06	Total Recoverable	Water	6010C	370761
500-123394-3	MW-09	Total Recoverable	Water	6010C	370761
500-123394-4	MW-10	Total Recoverable	Water	6010C	370761
500-123394-5	MW-11	Total Recoverable	Water	6010C	370761
500-123394-6	MW-12	Total Recoverable	Water	6010C	370761
500-123394-7	Duplicate	Total Recoverable	Water	6010C	370761
MB 500-370761/1-A	Method Blank	Total Recoverable	Water	6010C	370761
LCS 500-370761/2-A	Lab Control Sample	Total Recoverable	Water	6010C	370761
500-123394-5 MS	MW-11	Total Recoverable	Water	6010C	370761
500-123394-5 MSD	MW-11	Total Recoverable	Water	6010C	370761
500-123394-5 DU	MW-11	Total Recoverable	Water	6010C	370761

Analysis Batch: 370946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total Recoverable	Water	6020A	370761
500-123394-2	MW-06	Total Recoverable	Water	6020A	370761
500-123394-3	MW-09	Total Recoverable	Water	6020A	370761
500-123394-4	MW-10	Total Recoverable	Water	6020A	370761
500-123394-5	MW-11	Total Recoverable	Water	6020A	370761
500-123394-6	MW-12	Total Recoverable	Water	6020A	370761
500-123394-7	Duplicate	Total Recoverable	Water	6020A	370761
MB 500-370761/1-A	Method Blank	Total Recoverable	Water	6020A	370761
LCS 500-370761/2-A	Lab Control Sample	Total Recoverable	Water	6020A	370761

TestAmerica Chicago

MWG13-15_61757
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QC Association Summary

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

TestAmerica Job ID: 500-123394-1

Metals (Continued)

Analysis Batch: 370946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-5 MS	MW-11	Total Recoverable	Water	6020A	370761
500-123394-5 MSD	MW-11	Total Recoverable	Water	6020A	370761
500-123394-5 DU	MW-11	Total Recoverable	Water	6020A	370761

Analysis Batch: 370955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	7470A	370801
500-123394-2	MW-06	Total/NA	Water	7470A	370801
500-123394-3	MW-09	Total/NA	Water	7470A	370801
500-123394-4	MW-10	Total/NA	Water	7470A	370801
500-123394-5	MW-11	Total/NA	Water	7470A	370801
500-123394-6	MW-12	Total/NA	Water	7470A	370801
500-123394-7	Duplicate	Total/NA	Water	7470A	370801
MB 500-370801/12-A	Method Blank	Total/NA	Water	7470A	370801
LCS 500-370801/13-A	Lab Control Sample	Total/NA	Water	7470A	370801

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Analysis Batch: 371005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total Recoverable	Water	6020A	370761
500-123394-2	MW-06	Total Recoverable	Water	6020A	370761
500-123394-3	MW-09	Total Recoverable	Water	6020A	370761
500-123394-4	MW-10	Total Recoverable	Water	6020A	370761
500-123394-5	MW-11	Total Recoverable	Water	6020A	370761
500-123394-6	MW-12	Total Recoverable	Water	6020A	370761
500-123394-7	Duplicate	Total Recoverable	Water	6020A	370761
MB 500-370761/1-A	Method Blank	Total Recoverable	Water	6020A	370761
LCS 500-370761/2-A	Lab Control Sample	Total Recoverable	Water	6020A	370761
500-123394-5 MS	MW-11	Total Recoverable	Water	6020A	370761
500-123394-5 MSD	MW-11	Total Recoverable	Water	6020A	370761
500-123394-5 DU	MW-11	Total Recoverable	Water	6020A	370761

General Chemistry

Analysis Batch: 371039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	SM 2540C	
500-123394-2	MW-06	Total/NA	Water	SM 2540C	
500-123394-3	MW-09	Total/NA	Water	SM 2540C	
500-123394-4	MW-10	Total/NA	Water	SM 2540C	
500-123394-5	MW-11	Total/NA	Water	SM 2540C	
500-123394-6	MW-12	Total/NA	Water	SM 2540C	
500-123394-7	Duplicate	Total/NA	Water	SM 2540C	
MB 500-371039/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-371039/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-123394-1 DU	MW-05	Total/NA	Water	SM 2540C	

Analysis Batch: 371088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	SM 4500 SO4 E	
500-123394-2	MW-06	Total/NA	Water	SM 4500 SO4 E	

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QC Association Summary

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

TestAmerica Job ID: 500-123394-1

General Chemistry (Continued)

Analysis Batch: 371088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-3	MW-09	Total/NA	Water	SM 4500 SO4 E	
500-123394-4	MW-10	Total/NA	Water	SM 4500 SO4 E	
500-123394-5	MW-11	Total/NA	Water	SM 4500 SO4 E	
500-123394-6	MW-12	Total/NA	Water	SM 4500 SO4 E	
500-123394-7	Duplicate	Total/NA	Water	SM 4500 SO4 E	
MB 500-371088/3	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 500-371088/4	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 371143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	SM 4500 F C	
500-123394-2	MW-06	Total/NA	Water	SM 4500 F C	
500-123394-3	MW-09	Total/NA	Water	SM 4500 F C	
500-123394-4	MW-10	Total/NA	Water	SM 4500 F C	
500-123394-5	MW-11	Total/NA	Water	SM 4500 F C	
500-123394-6	MW-12	Total/NA	Water	SM 4500 F C	
500-123394-7	Duplicate	Total/NA	Water	SM 4500 F C	
MB 500-371143/45	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-371143/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 371646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-123394-1	MW-05	Total/NA	Water	SM 4500 Cl- E	
500-123394-2	MW-06	Total/NA	Water	SM 4500 Cl- E	
500-123394-3	MW-09	Total/NA	Water	SM 4500 Cl- E	
500-123394-4	MW-10	Total/NA	Water	SM 4500 Cl- E	
500-123394-5	MW-11	Total/NA	Water	SM 4500 Cl- E	
500-123394-6	MW-12	Total/NA	Water	SM 4500 Cl- E	
500-123394-7	Duplicate	Total/NA	Water	SM 4500 Cl- E	
MB 500-371646/12	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-371646/13	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

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QC Sample Results

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

TestAmerica Job ID: 500-123394-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-370761/1-A Matrix: Water Analysis Batch: 370845						Client Sample ID: Method Blank Prep Type: Total Recoverable Prep Batch: 370761			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.010		0.010		mg/L		02/03/17 08:49	02/03/17 16:14	1

Lab Sample ID: LCS 500-370761/2-A Matrix: Water Analysis Batch: 370845						Client Sample ID: Lab Control Sample Prep Type: Total Recoverable Prep Batch: 370761			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits		
Lithium	0.500	0.562		mg/L		112	80 - 120		

Lab Sample ID: 500-123394-5 MS Matrix: Water Analysis Batch: 370845						Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lithium	<0.010		0.500	0.548		mg/L		108	75 - 125

Lab Sample ID: 500-123394-5.MSD Matrix: Water Analysis Batch: 370845						Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lithium	<0.010		0.500	0.568		mg/L		112	75 - 125	3	20

Lab Sample ID: 500-123394-5 DU Matrix: Water Analysis Batch: 370845						Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761				
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit		
Lithium	<0.010		<0.010		mg/L		NC	20		

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-370761/1-A Matrix: Water Analysis Batch: 370946						Client Sample ID: Method Blank Prep Type: Total Recoverable Prep Batch: 370761			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		02/03/17 08:49	02/03/17 17:31	1
Arsenic	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:31	1
Barium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 17:31	1
Beryllium	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:31	1
Cadmium	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:31	1
Chromium	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:31	1
Cobalt	<0.0010		0.0010		mg/L		02/03/17 08:49	02/03/17 17:31	1
Lead	<0.00050		0.00050		mg/L		02/03/17 08:49	02/03/17 17:31	1
Molybdenum	<0.0050		0.0050		mg/L		02/03/17 08:49	02/03/17 17:31	1
Selenium	<0.0025		0.0025		mg/L		02/03/17 08:49	02/03/17 17:31	1
Thallium	<0.0020		0.0020		mg/L		02/03/17 08:49	02/03/17 17:31	1

TestAmerica Chicago

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QC Sample Results

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

TestAmerica Job ID: 500-123394-1

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

Lab Sample ID: MB 500-370761/1-A Matrix: Water Analysis Batch: 371005			Client Sample ID: Method Blank Prep Type: Total Recoverable Prep Batch: 370761						
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		02/03/17 08:49	02/06/17 12:06	1
Calcium	<0.20		0.20		mg/L		02/03/17 08:49	02/06/17 12:06	1

Lab Sample ID: LCS 500-370761/2-A Matrix: Water Analysis Batch: 370946			Client Sample ID: Lab Control Sample Prep Type: Total Recoverable Prep Batch: 370761						
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony	0.500	0.551		mg/L		110	80 - 120		
Arsenic	0.100	0.105		mg/L		105	80 - 120		
Barium	2.00	2.21		mg/L		111	80 - 120		
Beryllium	0.0500	0.0610		mg/L		122	80 - 120		
Cadmium	0.0500	0.0564		mg/L		113	80 - 120		
Chromium	0.200	0.232		mg/L		116	80 - 120		
Cobalt	0.500	0.591		mg/L		118	80 - 120		
Lead	0.100	0.116		mg/L		116	80 - 120		
Molybdenum	1.00	1.10		mg/L		110	80 - 120		
Selenium	0.100	0.105		mg/L		105	80 - 120		
Thallium	0.100	0.117		mg/L		117	80 - 120		

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Lab Sample ID: LCS 500-370761/2-A Matrix: Water Analysis Batch: 371005			Client Sample ID: Lab Control Sample Prep Type: Total Recoverable Prep Batch: 370761						
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Boron	1.00	1.08		mg/L		108	80 - 120		
Calcium	10.0	9.89		mg/L		99	80 - 120		

Lab Sample ID: 500-123394-5 MS Matrix: Water Analysis Batch: 370946			Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.0030		0.500	0.546		mg/L		109	75 - 125
Arsenic	0.011		0.100	0.117		mg/L		106	75 - 125
Barium	0.15		2.00	2.24		mg/L		104	75 - 125
Beryllium	<0.0010		0.0500	0.0527		mg/L		105	75 - 125
Cadmium	<0.00050		0.0500	0.0526		mg/L		105	75 - 125
Chromium	<0.0050		0.200	0.217		mg/L		108	75 - 125
Cobalt	<0.0010		0.500	0.539		mg/L		108	75 - 125
Lead	<0.00050		0.100	0.106		mg/L		106	75 - 125
Molybdenum	0.076		1.00	0.942		mg/L		87	75 - 125
Selenium	<0.0025		0.100	0.105		mg/L		105	75 - 125
Thallium	<0.0020		0.100	0.106		mg/L		106	75 - 125

TestAmerica Chicago

QC Sample Results

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

TestAmerica Job ID: 500-123394-1

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

Lab Sample ID: 500-123394-5 MS Matrix: Water Analysis Batch: 371005							Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761 %Rec.			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
Boron	3.9		1.00	4.99		mg/L		106	75-125	
Calcium	110		10.0	114	4	mg/L		70	75-125	

Lab Sample ID: 500-123394-5 MSD Matrix: Water Analysis Batch: 370946							Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761 %Rec. RPD				
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	<0.0030		0.500	0.562		mg/L		112	75-125	3	20
Arsenic	0.011		0.100	0.119		mg/L		108	75-125	2	20
Barium	0.15		2.00	2.33		mg/L		109	75-125	4	20
Beryllium	<0.0010	*	0.0500	0.0534		mg/L		107	75-125	1	20
Cadmium	<0.00050		0.0500	0.0543		mg/L		109	75-125	3	20
Chromium	<0.0050		0.200	0.218		mg/L		108	75-125	0	20
Cobalt	<0.0010		0.500	0.541		mg/L		108	75-125	0	20
Lead	<0.00050		0.100	0.110		mg/L		110	75-125	4	20
Molybdenum	0.076		1.00	0.933		mg/L		86	75-125	1	20
Selenium	<0.0025		0.100	0.110		mg/L		110	75-125	4	20
Thallium	<0.0020		0.100	0.111		mg/L		111	75-125	4	20

Lab Sample ID: 500-123394-5 MSD Matrix: Water Analysis Batch: 371005							Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761 %Rec. RPD				
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Boron	3.9		1.00	5.09		mg/L		116	75-125	2	20
Calcium	110		10.0	113	4	mg/L		57	75-125	1	20

Lab Sample ID: 500-123394-5 DU Matrix: Water Analysis Batch: 370946							Client Sample ID: MW-11 Prep Type: Total Recoverable Prep Batch: 370761 RPD				
Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	Limit
Antimony	<0.0030			<0.0030		mg/L				NC	20
Arsenic	0.011			0.0101		mg/L				6	20
Barium	0.15			0.144		mg/L				6	20
Beryllium	<0.0010	*		<0.0010	*	mg/L				NC	20
Cadmium	<0.00050			<0.00050		mg/L				NC	20
Chromium	<0.0050			<0.0050		mg/L				NC	20
Cobalt	<0.0010			<0.0010		mg/L				NC	20
Lead	<0.00050			<0.00050		mg/L				NC	20
Molybdenum	0.076			0.0715		mg/L				6	20
Selenium	<0.0025			<0.0025		mg/L				NC	20
Thallium	<0.0020			<0.0020		mg/L				NC	20

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TestAmerica Chicago

MWG13-15_61762
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QC Sample Results

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

TestAmerica Job ID: 500-123394-1

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

Lab Sample ID: 500-123394-5 DU
Matrix: Water
Analysis Batch: 371005

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 370761

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Boron	3.9		3.75		mg/L			5	20
Calcium	110		103		mg/L			4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-370801/12-A
Matrix: Water
Analysis Batch: 370955

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370801

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00020		0.00020		mg/L		02/03/17 12:00	02/06/17 10:30	1

Lab Sample ID: LCS 500-370801/13-A
Matrix: Water
Analysis Batch: 370955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370801
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits

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

Lab Sample ID: MB 500-371039/1
Matrix: Water
Analysis Batch: 371039

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			02/07/17 04:31	1

Lab Sample ID: LCS 500-371039/2
Matrix: Water
Analysis Batch: 371039

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits

Lab Sample ID: 500-123394-1 DU
Matrix: Water
Analysis Batch: 371039

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

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Total Dissolved Solids	1600		1570		mg/L			0.5	5

TestAmerica Chicago

MWG13-15_61763
2/14/2017

QC Sample Results

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

TestAmerica Job ID: 500-123394-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-371646/12						Client Sample ID: Method Blank			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371646									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			02/09/17 23:19	1

Lab Sample ID: LCS 500-371646/13						Client Sample ID: Lab Control Sample			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371646									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	50.0	47.0		mg/L		94	80 - 120		

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Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-371143/45						Client Sample ID: Method Blank			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371143									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			02/07/17 16:45	1

Lab Sample ID: LCS 500-371143/4						Client Sample ID: Lab Control Sample			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371143									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	10.0	10.4		mg/L		104	80 - 120		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 500-371088/3						Client Sample ID: Method Blank			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371088									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			02/07/17 09:56	1

Lab Sample ID: LCS 500-371088/4						Client Sample ID: Lab Control Sample			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 371088									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	20.0	19.5		mg/L		97	80 - 120		

TestAmerica Chicago

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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Chicag
2417 Bond St.
University Park, IL 60
708-534-5200
Fax: 708-534-5211 500-123394 COC



Report To: _____ Bill To: _____

Contact: Richard Gnat	Contact: Accounts Payable	Lab Lot # 500-123394	
Company: KPRG and Associates, Inc	Company: NRG Energy	Package Sealed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Sealed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Address: 14665 W. Lisbon Rd., Suite 2B Brookfield, WI 53005	Address: 112 Telly St New Roads, LA 70760	Received on Ice Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Phone: 262-781-0475	Phone: 713 465-4113	Temperature °C of Cooler 0.9, 0.8	
Email: richardg@kprginc.com	Email: invoices@nrg.com	Within Hold Time Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
PO #: 4501569118		Preserv. Indicated Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Sampler Name: Ian John Howleson		Signature: <i>[Signature]</i>		# / Cont.											
Project Name: Quarterly Will County: CCR		TestAmerica Project Number: 50011609		Preserv.											
Project Location: Romeoville, IL		TAT 15 Days		Matrix	Comp/Grab										
Lab PM: Eric Lang															
Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Time		903 0, 904 0 Radium 226/228	6010C, 6020A, 7470A - Total Metals	2540C - TDS	4500_F_C - Fluoride	SM4500_Cl_E Chloride	SM4500_SO4_E - Sulfate	Additional Analyses / Remarks			
1		MW-05	2-1-17	12:15	W	G	X	X	X	X	X				
2		MW-06	2-1-17	3:56	W	G	X	X	X	X	X				
3		MW-09	1-31-17	14:08	W	G	X	X	X	X	X				
4		MW-10	2-2-17	13:05	W	G	X	X	X	X	X				
5		MW-11	2-1-17	16:32	W	G	X	X	X	X	X				
6		MW-12	2-1-17	15:45	W	G	X	X	X	X	X				
7		DUPLICATE	2-1-17		W	G	X	X	X	X	X				

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RELINQUISHED BY: <i>[Signature]</i>	COMPANY: KPRG	DATE: 2-2-17	TIME: 17:30	RECEIVED BY: <i>[Signature]</i>	COMPANY: TAC	DATE: 02/02/17	TIME: 1730
RELINQUISHED BY:	COMPANY:	DATE:	TIME:	RECEIVED BY:	COMPANY:	DATE:	TIME:

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: **2 of 2**

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-123394-1

Login Number: 123394

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.9,0.8
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: 500-123394-1

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

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TestAmerica Chicago