

# 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: 500-124237-1  
Client Project/Site: Waukegan Station Permit

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

Attn: Richard Gnat



Authorized for release by:  
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*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\_62653

Comp. Ex. 234K

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## Case Narrative

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

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**Job ID: 500-124237-1**

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Laboratory: TestAmerica Chicago

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**Narrative**

**Job Narrative**  
**500-124237-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 2/23/2017 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were -0.4° C, 2.9° C, 3.3° C, 3.4° C, 4.5° C and 4.9° C.

**Metals**

No analytical or quality issues were noted, other than those described 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: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-12**

**Lab Sample ID: 500-124237-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.020		0.0010		mg/L	1		6020A	Total
Barium	0.11		0.0025		mg/L	1		6020A	Total
Boron	1.5		0.25		mg/L	5		6020A	Total
Cadmium	0.0020		0.00050		mg/L	1		6020A	Total
Chromium	0.028		0.0050		mg/L	1		6020A	Total
Cobalt	0.0038		0.0010		mg/L	1		6020A	Total
Copper	0.0051		0.0020		mg/L	1		6020A	Total
Iron	39		0.10		mg/L	1		6020A	Total
Manganese	0.21		0.0025		mg/L	1		6020A	Total
Nickel	0.022		0.0020		mg/L	1		6020A	Total
Selenium	0.0051		0.0025		mg/L	1		6020A	Total
Zinc	0.17		0.020		mg/L	1		6020A	Total
Sulfate	65		25		mg/L	5		9038	Total/NA
Chloride	210		10		mg/L	5		9251	Total/NA
Nitrogen, Nitrate	0.48		0.10		mg/L	1		Nitrate by calc	Total/NA
Total Dissolved Solids	740		10		mg/L	1		SM 2540C	Total/NA
Fluoride	0.12		0.10		mg/L	1		SM 4500 F C	Total/NA
Nitrogen, Nitrate Nitrite	0.48		0.10		mg/L	1		SM 4500 NO3 F	Total/NA

**Client Sample ID: ELUC MW-15**

**Lab Sample ID: 500-124237-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.040		0.0010		mg/L	1		6020A	Total
Barium	0.087		0.0025		mg/L	1		6020A	Total
Boron	4.2		0.50		mg/L	10		6020A	Total
Cobalt	0.0011		0.0010		mg/L	1		6020A	Total
Iron	17		0.10		mg/L	1		6020A	Total
Manganese	0.36		0.0025		mg/L	1		6020A	Total
Sulfate	210		100		mg/L	20		9038	Total/NA
Chloride	66		2.0		mg/L	1		9251	Total/NA
Total Dissolved Solids	860		10		mg/L	1		SM 2540C	Total/NA
Fluoride	0.33		0.10		mg/L	1		SM 4500 F C	Total/NA

**Client Sample ID: ELUC MW-10**

**Lab Sample ID: 500-124237-3**

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-10 (Continued)**

**Lab Sample ID: 500-124237-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.67		0.0010		mg/L	1			6020A	Total
Barium	0.091		0.0025		mg/L	1			6020A	Total
Boron	1.3		0.25		mg/L	5			6020A	Total
Chromium	0.0057		0.0050		mg/L	1			6020A	Total
Cobalt	0.0010		0.0010		mg/L	1			6020A	Total
Iron	11		0.10		mg/L	1			6020A	Total
Manganese	0.25		0.0025		mg/L	1			6020A	Total
Nickel	0.0020		0.0020		mg/L	1			6020A	Total
Sulfate	140		50		mg/L	10			9038	Total/NA
Chloride	180		10		mg/L	5			9251	Total/NA
Total Dissolved Solids	1100		10		mg/L	1			SM 2540C	Total/NA
Fluoride	0.14		0.10		mg/L	1			SM 4500 F C	Total/NA

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**Client Sample ID: ELUC MW-14**

**Lab Sample ID: 500-124237-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Antimony	0.021		0.0030		mg/L	1			6020A	Total
Arsenic	25		0.10		mg/L	100			6020A	Total
Barium	0.42		0.0025		mg/L	1			6020A	Total
Boron	0.65		0.50		mg/L	10			6020A	Total
Cadmium	0.0016		0.00050		mg/L	1			6020A	Total
Chromium	10		0.50		mg/L	100			6020A	Total
Cobalt	0.013		0.0010		mg/L	1			6020A	Total
Copper	0.058		0.0020		mg/L	1			6020A	Total
Iron	450		10		mg/L	100			6020A	Total
Lead	0.0014		0.00050		mg/L	1			6020A	Total
Manganese	0.74		0.0025		mg/L	1			6020A	Total
Nickel	0.0092		0.0020		mg/L	1			6020A	Total
Selenium	0.017		0.0025		mg/L	1			6020A	Total
Vanadium	0.040		0.0050		mg/L	1			6020A	Total
Zinc	0.18		0.020		mg/L	1			6020A	Total
Sulfate	100		25		mg/L	5			9038	Total/NA
Chloride	82		10		mg/L	5			9251	Total/NA

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-14 (Continued)**

**Lab Sample ID: 500-124237-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	660		10		mg/L	1		SM 2540C	Total/NA
Fluoride	0.24		0.10		mg/L	1		SM 4500 F C	Total/NA
Nitrogen, Nitrite	0.10		0.020		mg/L	1		SM 4500 NO2 B	Total/NA
Nitrogen, Nitrate Nitrite	0.19		0.10		mg/L	1		SM 4500 NO3 F	Total/NA

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**Client Sample ID: ELUC MW-11**

**Lab Sample ID: 500-124237-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.57		0.0010		mg/L	1		6020A	Total Recoverable
Barium	0.049		0.0025		mg/L	1		6020A	Total Recoverable
Boron	2.3		0.25		mg/L	5		6020A	Total Recoverable
Iron	4.3		0.10		mg/L	1		6020A	Total Recoverable
Manganese	0.29		0.0025		mg/L	1		6020A	Total Recoverable
Sulfate	180		50		mg/L	10		9038	Total/NA
Chloride	220		10		mg/L	5		9251	Total/NA
Total Dissolved Solids	1200		10		mg/L	1		SM 2540C	Total/NA
Fluoride	0.12		0.10		mg/L	1		SM 4500 F C	Total/NA

This Detection Summary does not include radiochemical test results.

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## Method Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
9014	Cyanide	SW846	TAL CHI
9038	Sulfate, Turbidimetric	SW846	TAL CHI
9251	Chloride	SW846	TAL CHI
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	TAL CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL CHI
SM 4500 F C	Fluoride	SM	TAL CHI
SM 4500 NO2 B	Nitrogen, Nitrite	SM	TAL CHI
SM 4500 NO3 F	Nitrogen, Nitrate	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

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MWG13-15\_62659  
3/10/2017

# Sample Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-124237-1	ELUC MW-12	Water	02/22/17 16:39	02/23/17 10:30
500-124237-2	ELUC MW-15	Water	02/22/17 12:14	02/23/17 10:30
500-124237-3	ELUC MW-10	Water	02/23/17 13:04	02/24/17 09:30
500-124237-4	ELUC MW-14	Water	02/23/17 14:25	02/24/17 09:30
500-124237-5	ELUC MW-11	Water	02/24/17 11:31	02/24/17 17:07

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MWG13-15\_62660  
3/10/2017



## Client Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

Client Sample ID: ELUC MW-12

Lab Sample ID: 500-124237-1

Date Collected: 02/22/17 16:39

Matrix: Water

Date Received: 02/23/17 10:30

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**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		02/25/17 10:30	02/27/17 15:05	1
Arsenic	0.020		0.0010		mg/L		02/25/17 10:30	02/27/17 15:05	1
Barium	0.11		0.0025		mg/L		02/25/17 10:30	02/27/17 15:05	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:05	1
Boron	1.5		0.25		mg/L		02/25/17 10:30	02/28/17 14:01	5
Cadmium	0.0020		0.00050		mg/L		02/25/17 10:30	02/27/17 15:05	1
Chromium	0.028		0.0050		mg/L		02/25/17 10:30	02/27/17 15:05	1
Cobalt	0.0038		0.0010		mg/L		02/25/17 10:30	02/27/17 15:05	1
Copper	0.0051		0.0020		mg/L		02/25/17 10:30	02/27/17 15:05	1
Iron	39		0.10		mg/L		02/25/17 10:30	02/27/17 15:05	1
Lead	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:05	1
Manganese	0.21		0.0025		mg/L		02/25/17 10:30	02/27/17 15:05	1
Nickel	0.022		0.0020		mg/L		02/25/17 10:30	02/27/17 15:05	1
Selenium	0.0051		0.0025		mg/L		02/25/17 10:30	02/27/17 15:05	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:05	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:05	1
Vanadium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:05	1
Zinc	0.17		0.020		mg/L		02/25/17 10:30	02/27/17 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:17	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 17:00	1
Sulfate	65		25		mg/L			03/07/17 07:29	5
Chloride	210		10		mg/L			02/26/17 20:05	5
Nitrogen, Nitrate	0.48		0.10		mg/L			02/28/17 19:37	1
Total Dissolved Solids	740		10		mg/L			02/26/17 20:47	1
Fluoride	0.12		0.10		mg/L			03/09/17 13:30	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/23/17 16:54	1
Nitrogen, Nitrate Nitrite	0.48		0.10		mg/L			02/28/17 01:21	1

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## Client Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-15**

**Lab Sample ID: 500-124237-2**

Date Collected: 02/22/17 12:14

Matrix: Water

Date Received: 02/23/17 10:30

**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		02/25/17 10:30	02/27/17 15:09	1
Arsenic	0.040		0.0010		mg/L		02/25/17 10:30	02/27/17 15:09	1
Barium	0.087		0.0025		mg/L		02/25/17 10:30	02/27/17 15:09	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:09	1
Boron	4.2		0.50		mg/L		02/25/17 10:30	02/28/17 14:05	10
Cadmium	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:09	1
Chromium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:09	1
Cobalt	0.0011		0.0010		mg/L		02/25/17 10:30	02/27/17 15:09	1
Copper	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:09	1
Iron	17		0.10		mg/L		02/25/17 10:30	02/27/17 15:09	1
Lead	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:09	1
Manganese	0.36		0.0025		mg/L		02/25/17 10:30	02/27/17 15:09	1
Nickel	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:09	1
Selenium	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 15:09	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:09	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:09	1
Vanadium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:09	1
Zinc	<0.020		0.020		mg/L		02/25/17 10:30	02/27/17 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 17:00	1
Sulfate	210		100		mg/L			03/07/17 07:32	20
Chloride	66		2.0		mg/L			02/26/17 19:21	1
Nitrogen, Nitrate	<0.10		0.10		mg/L			02/28/17 19:37	1
Total Dissolved Solids	860		10		mg/L			02/26/17 20:50	1
Fluoride	0.33		0.10		mg/L			03/09/17 13:37	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/23/17 16:57	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			02/28/17 01:23	1

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## Client Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

Client Sample ID: ELUC MW-10

Lab Sample ID: 500-124237-3

Date Collected: 02/23/17 13:04

Matrix: Water

Date Received: 02/24/17 09:30

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**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		02/25/17 10:30	02/27/17 15:13	1
Arsenic	0.67		0.0010		mg/L		02/25/17 10:30	02/27/17 15:13	1
Barium	0.091		0.0025		mg/L		02/25/17 10:30	02/27/17 15:13	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:13	1
Boron	1.3		0.25		mg/L		02/25/17 10:30	02/28/17 14:09	5
Cadmium	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:13	1
Chromium	0.0057		0.0050		mg/L		02/25/17 10:30	02/27/17 15:13	1
Cobalt	0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:13	1
Copper	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:13	1
Iron	11		0.10		mg/L		02/25/17 10:30	02/27/17 15:13	1
Lead	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:13	1
Manganese	0.25		0.0025		mg/L		02/25/17 10:30	02/27/17 15:13	1
Nickel	0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:13	1
Selenium	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 15:13	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:13	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:13	1
Vanadium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:13	1
Zinc	<0.020		0.020		mg/L		02/25/17 10:30	02/27/17 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 17:01	1
Sulfate	140		50		mg/L			03/07/17 07:33	10
Chloride	180		10		mg/L			02/26/17 19:48	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			02/28/17 19:37	1
Total Dissolved Solids	1100		10		mg/L			02/26/17 20:52	1
Fluoride	0.14		0.10		mg/L			03/09/17 13:40	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/24/17 17:53	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			02/28/17 01:25	1

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## Client Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-14**

**Lab Sample ID: 500-124237-4**

Date Collected: 02/23/17 14:25

Matrix: Water

Date Received: 02/24/17 09:30

Method: 6020A - Metals (ICP/MS) - Total Recoverable									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.021		0.0030		mg/L		02/25/17 10:30	02/27/17 15:17	1
Arsenic	25		0.10		mg/L		02/25/17 10:30	02/28/17 14:13	100
Barium	0.42		0.0025		mg/L		02/25/17 10:30	02/27/17 15:17	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:17	1
Boron	0.65		0.50		mg/L		02/25/17 10:30	02/28/17 14:17	10
Cadmium	0.0016		0.00050		mg/L		02/25/17 10:30	02/27/17 15:17	1
Chromium	10		0.50		mg/L		02/25/17 10:30	02/28/17 14:13	100
Cobalt	0.013		0.0010		mg/L		02/25/17 10:30	02/27/17 15:17	1
Copper	0.058		0.0020		mg/L		02/25/17 10:30	02/27/17 15:17	1
Iron	450		10		mg/L		02/25/17 10:30	02/28/17 14:13	100
Lead	0.0014		0.00050		mg/L		02/25/17 10:30	02/27/17 15:17	1
Manganese	0.74		0.0025		mg/L		02/25/17 10:30	02/27/17 15:17	1
Nickel	0.0092		0.0020		mg/L		02/25/17 10:30	02/27/17 15:17	1
Selenium	0.017		0.0025		mg/L		02/25/17 10:30	02/27/17 15:17	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:17	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:17	1
Vanadium	0.040		0.0050		mg/L		02/25/17 10:30	02/27/17 15:17	1
Zinc	0.18		0.020		mg/L		02/25/17 10:30	02/27/17 15:17	1

Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:30	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 17:01	1
Sulfate	100		25		mg/L			03/07/17 07:34	5
Chloride	82		10		mg/L			02/26/17 19:48	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			02/28/17 19:37	1
Total Dissolved Solids	660		10		mg/L			02/26/17 20:55	1
Fluoride	0.24		0.10		mg/L			03/09/17 13:43	1
Nitrogen, Nitrite	0.10		0.020		mg/L			02/24/17 17:53	1
Nitrogen, Nitrate Nitrite	0.19		0.10		mg/L			02/28/17 01:27	1

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## Client Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

**Client Sample ID: ELUC MW-11**

**Lab Sample ID: 500-124237-5**

Date Collected: 02/24/17 11:31

Matrix: Water

Date Received: 02/24/17 17:07

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**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		02/25/17 10:30	02/27/17 15:20	1
Arsenic	0.57		0.0010		mg/L		02/25/17 10:30	02/27/17 15:20	1
Barium	0.049		0.0025		mg/L		02/25/17 10:30	02/27/17 15:20	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:20	1
Boron	2.3		0.25		mg/L		02/25/17 10:30	02/28/17 14:20	5
Cadmium	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:20	1
Chromium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:20	1
Cobalt	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 15:20	1
Copper	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:20	1
Iron	4.3		0.10		mg/L		02/25/17 10:30	02/27/17 15:20	1
Lead	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:20	1
Manganese	0.29		0.0025		mg/L		02/25/17 10:30	02/27/17 15:20	1
Nickel	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:20	1
Selenium	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 15:20	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 15:20	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 15:20	1
Vanadium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 15:20	1
Zinc	<0.020		0.020		mg/L		02/25/17 10:30	02/27/17 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:31	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 17:01	1
Sulfate	180		50		mg/L			03/07/17 07:35	10
Chloride	220		10		mg/L			02/26/17 19:49	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			02/28/17 19:37	1
Total Dissolved Solids	1200		10		mg/L			02/26/17 20:57	1
Fluoride	0.12		0.10		mg/L			03/09/17 13:46	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/24/17 17:53	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			02/28/17 01:29	1

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## Definitions/Glossary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Qualifiers

#### General Chemistry

Qualifier	Qualifier Description
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, 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: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Metals

#### Prep Batch: 373512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total Recoverable	Water	3005A	
500-124237-2	ELUC MW-15	Total Recoverable	Water	3005A	
500-124237-3	ELUC MW-10	Total Recoverable	Water	3005A	
500-124237-4	ELUC MW-14	Total Recoverable	Water	3005A	
500-124237-5	ELUC MW-11	Total Recoverable	Water	3005A	
MB 500-373512/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-373512/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

#### Prep Batch: 373660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	7470A	
500-124237-2	ELUC MW-15	Total/NA	Water	7470A	
500-124237-3	ELUC MW-10	Total/NA	Water	7470A	
500-124237-4	ELUC MW-14	Total/NA	Water	7470A	
500-124237-5	ELUC MW-11	Total/NA	Water	7470A	
MB 500-373660/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-373660/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-124237-1 MS	ELUC MW-12	Total/NA	Water	7470A	
500-124237-1 MSD	ELUC MW-12	Total/NA	Water	7470A	
500-124237-1 DU	ELUC MW-12	Total/NA	Water	7470A	

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#### Analysis Batch: 373798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total Recoverable	Water	6020A	373512
500-124237-2	ELUC MW-15	Total Recoverable	Water	6020A	373512
500-124237-3	ELUC MW-10	Total Recoverable	Water	6020A	373512
500-124237-4	ELUC MW-14	Total Recoverable	Water	6020A	373512
500-124237-5	ELUC MW-11	Total Recoverable	Water	6020A	373512
MB 500-373512/1-A	Method Blank	Total Recoverable	Water	6020A	373512
LCS 500-373512/2-A	Lab Control Sample	Total Recoverable	Water	6020A	373512

#### Analysis Batch: 373878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total Recoverable	Water	6020A	373512
500-124237-2	ELUC MW-15	Total Recoverable	Water	6020A	373512
500-124237-3	ELUC MW-10	Total Recoverable	Water	6020A	373512
500-124237-4	ELUC MW-14	Total Recoverable	Water	6020A	373512
500-124237-4	ELUC MW-14	Total Recoverable	Water	6020A	373512
500-124237-5	ELUC MW-11	Total Recoverable	Water	6020A	373512
MB 500-373512/1-A	Method Blank	Total Recoverable	Water	6020A	373512
LCS 500-373512/2-A	Lab Control Sample	Total Recoverable	Water	6020A	373512

#### Analysis Batch: 374039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	7470A	373660
500-124237-2	ELUC MW-15	Total/NA	Water	7470A	373660
500-124237-3	ELUC MW-10	Total/NA	Water	7470A	373660
500-124237-4	ELUC MW-14	Total/NA	Water	7470A	373660
500-124237-5	ELUC MW-11	Total/NA	Water	7470A	373660
MB 500-373660/12-A	Method Blank	Total/NA	Water	7470A	373660
LCS 500-373660/13-A	Lab Control Sample	Total/NA	Water	7470A	373660

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## QC Association Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Metals (Continued)

#### Analysis Batch: 374039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1 MS	ELUC MW-12	Total/NA	Water	7470A	373660
500-124237-1 MSD	ELUC MW-12	Total/NA	Water	7470A	373660
500-124237-1 DU	ELUC MW-12	Total/NA	Water	7470A	373660

### General Chemistry

#### Analysis Batch: 373423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	SM 4500 NO2 B	
500-124237-2	ELUC MW-15	Total/NA	Water	SM 4500 NO2 B	
MB 500-373423/3	Method Blank	Total/NA	Water	SM 4500 NO2 B	
LCS 500-373423/4	Lab Control Sample	Total/NA	Water	SM 4500 NO2 B	

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#### Analysis Batch: 373486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-3	ELUC MW-10	Total/NA	Water	SM 4500 NO2 B	
500-124237-4	ELUC MW-14	Total/NA	Water	SM 4500 NO2 B	
500-124237-5	ELUC MW-11	Total/NA	Water	SM 4500 NO2 B	
MB 500-373486/3	Method Blank	Total/NA	Water	SM 4500 NO2 B	
LCS 500-373486/4	Lab Control Sample	Total/NA	Water	SM 4500 NO2 B	

#### Prep Batch: 373516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	9010C	
500-124237-2	ELUC MW-15	Total/NA	Water	9010C	
500-124237-3	ELUC MW-10	Total/NA	Water	9010C	
500-124237-4	ELUC MW-14	Total/NA	Water	9010C	
500-124237-5	ELUC MW-11	Total/NA	Water	9010C	
MB 500-373516/1-A	Method Blank	Total/NA	Water	9010C	
LCS 500-373516/2-A	Lab Control Sample	Total/NA	Water	9010C	

#### Analysis Batch: 373564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	SM 2540C	
500-124237-2	ELUC MW-15	Total/NA	Water	SM 2540C	
500-124237-3	ELUC MW-10	Total/NA	Water	SM 2540C	
500-124237-4	ELUC MW-14	Total/NA	Water	SM 2540C	
500-124237-5	ELUC MW-11	Total/NA	Water	SM 2540C	
MB 500-373564/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-373564/2	Lab Control Sample	Total/NA	Water	SM 2540C	

#### Analysis Batch: 373565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	9251	
500-124237-2	ELUC MW-15	Total/NA	Water	9251	
500-124237-3	ELUC MW-10	Total/NA	Water	9251	
500-124237-4	ELUC MW-14	Total/NA	Water	9251	
500-124237-5	ELUC MW-11	Total/NA	Water	9251	
MB 500-373565/12	Method Blank	Total/NA	Water	9251	
LCS 500-373565/13	Lab Control Sample	Total/NA	Water	9251	

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## QC Association Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### General Chemistry (Continued)

#### Analysis Batch: 373565 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-5 MS	ELUC MW-11	Total/NA	Water	9251	
500-124237-5 MSD	ELUC MW-11	Total/NA	Water	9251	

#### Analysis Batch: 373741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	9014	373516
500-124237-2	ELUC MW-15	Total/NA	Water	9014	373516
500-124237-3	ELUC MW-10	Total/NA	Water	9014	373516
500-124237-4	ELUC MW-14	Total/NA	Water	9014	373516
500-124237-5	ELUC MW-11	Total/NA	Water	9014	373516
MB 500-373516/1-A	Method Blank	Total/NA	Water	9014	373516
LCS 500-373516/2-A	Lab Control Sample	Total/NA	Water	9014	373516

#### Analysis Batch: 373887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	SM 4500 NO3 F	
500-124237-2	ELUC MW-15	Total/NA	Water	SM 4500 NO3 F	
500-124237-3	ELUC MW-10	Total/NA	Water	SM 4500 NO3 F	
500-124237-4	ELUC MW-14	Total/NA	Water	SM 4500 NO3 F	
500-124237-5	ELUC MW-11	Total/NA	Water	SM 4500 NO3 F	
MB 500-373887/12	Method Blank	Total/NA	Water	SM 4500 NO3 F	
LCS 500-373887/13	Lab Control Sample	Total/NA	Water	SM 4500 NO3 F	

#### Analysis Batch: 373905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	Nitrate by calc	
500-124237-2	ELUC MW-15	Total/NA	Water	Nitrate by calc	
500-124237-3	ELUC MW-10	Total/NA	Water	Nitrate by calc	
500-124237-4	ELUC MW-14	Total/NA	Water	Nitrate by calc	
500-124237-5	ELUC MW-11	Total/NA	Water	Nitrate by calc	

#### Analysis Batch: 374688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	9038	
500-124237-2	ELUC MW-15	Total/NA	Water	9038	
500-124237-3	ELUC MW-10	Total/NA	Water	9038	
500-124237-4	ELUC MW-14	Total/NA	Water	9038	
500-124237-5	ELUC MW-11	Total/NA	Water	9038	
MB 500-374688/3	Method Blank	Total/NA	Water	9038	
LCS 500-374688/4	Lab Control Sample	Total/NA	Water	9038	
500-124237-1 MS	ELUC MW-12	Total/NA	Water	9038	
500-124237-1 MSD	ELUC MW-12	Total/NA	Water	9038	

#### Analysis Batch: 375166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-124237-1	ELUC MW-12	Total/NA	Water	SM 4500 F C	
500-124237-2	ELUC MW-15	Total/NA	Water	SM 4500 F C	
500-124237-3	ELUC MW-10	Total/NA	Water	SM 4500 F C	
500-124237-4	ELUC MW-14	Total/NA	Water	SM 4500 F C	
500-124237-5	ELUC MW-11	Total/NA	Water	SM 4500 F C	
MB 500-375166/3	Method Blank	Total/NA	Water	SM 4500 F C	

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## QC Association Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### General Chemistry (Continued)

#### Analysis Batch: 375166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-375166/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-124237-1 MS	ELUC MW-12	Total/NA	Water	SM 4500 F C	
500-124237-1 MSD	ELUC MW-12	Total/NA	Water	SM 4500 F C	

## QC Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

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

Lab Sample ID: MB 500-373512/1-A  
Matrix: Water  
Analysis Batch: 373798

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 373512

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.0030		0.0030		mg/L		02/25/17 10:30	02/27/17 14:05	1
Arsenic	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 14:05	1
Barium	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 14:05	1
Beryllium	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 14:05	1
Cadmium	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 14:05	1
Chromium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 14:05	1
Cobalt	<0.0010		0.0010		mg/L		02/25/17 10:30	02/27/17 14:05	1
Copper	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 14:05	1
Iron	<0.10		0.10		mg/L		02/25/17 10:30	02/27/17 14:05	1
Lead	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 14:05	1
Manganese	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 14:05	1
Nickel	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 14:05	1
Selenium	<0.0025		0.0025		mg/L		02/25/17 10:30	02/27/17 14:05	1
Silver	<0.00050		0.00050		mg/L		02/25/17 10:30	02/27/17 14:05	1
Thallium	<0.0020		0.0020		mg/L		02/25/17 10:30	02/27/17 14:05	1
Vanadium	<0.0050		0.0050		mg/L		02/25/17 10:30	02/27/17 14:05	1
Zinc	<0.020		0.020		mg/L		02/25/17 10:30	02/27/17 14:05	1

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Lab Sample ID: MB 500-373512/1-A  
Matrix: Water  
Analysis Batch: 373878

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 373512

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.050		0.050		mg/L		02/25/17 10:30	02/28/17 11:38	1

Lab Sample ID: LCS 500-373512/2-A  
Matrix: Water  
Analysis Batch: 373798

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 373512

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.500	0.539		mg/L		108	80 - 120
Beryllium	0.0500	0.0485		mg/L		97	80 - 120
Cadmium	0.0500	0.0529		mg/L		106	80 - 120
Chromium	0.200	0.209		mg/L		105	80 - 120
Cobalt	0.500	0.526		mg/L		105	80 - 120
Copper	0.250	0.273		mg/L		109	80 - 120
Iron	1.00	1.08		mg/L		108	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Manganese	0.500	0.514		mg/L		103	80 - 120
Nickel	0.500	0.520		mg/L		104	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0544		mg/L		109	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120
Vanadium	0.500	0.515		mg/L		103	80 - 120
Zinc	0.500	0.544		mg/L		109	80 - 120

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## QC Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

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

Lab Sample ID: LCS 500-373512/2-A				Client Sample ID: Lab Control Sample				
Matrix: Water				Prep Type: Total Recoverable				
Analysis Batch: 373878				Prep Batch: 373512				
		Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Boron	1.00	1.04		mg/L		104	80 - 120	

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

Lab Sample ID: MB 500-373660/12-A				Client Sample ID: Method Blank					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 374039				Prep Batch: 373660					
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/27/17 11:40	03/01/17 10:14	1

10

Lab Sample ID: LCS 500-373660/13-A				Client Sample ID: Lab Control Sample				
Matrix: Water				Prep Type: Total/NA				
Analysis Batch: 374039				Prep Batch: 373660				
		Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Mercury	0.00200	0.00194		mg/L		97	80 - 120	

Lab Sample ID: 500-124237-1 MS				Client Sample ID: ELUC MW-12					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 374039				Prep Batch: 373660					
	Sample	Sample	Spike	MS	MS				
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00020		0.00100	0.00112		mg/L		112	75 - 125

Lab Sample ID: 500-124237-1 MSD				Client Sample ID: ELUC MW-12							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 374039				Prep Batch: 373660							
	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00020		0.00100	0.00110		mg/L		110	75 - 125	2	20

Lab Sample ID: 500-124237-1 DU				Client Sample ID: ELUC MW-12						
Matrix: Water				Prep Type: Total/NA						
Analysis Batch: 374039				Prep Batch: 373660						
	Sample	Sample		DU	DU					
Analyte	Result	Qualifier		Result	Qualifier	Unit	D		RPD	Limit
Mercury	<0.00020			<0.00020		mg/L			NC	20

### Method: 9014 - Cyanide

Lab Sample ID: MB 500-373516/1-A				Client Sample ID: Method Blank					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 373741				Prep Batch: 373516					
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		02/25/17 11:10	02/25/17 16:55	1

TestAmerica Chicago

## QC Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Method: 9014 - Cyanide (Continued)

Lab Sample ID: LCS 500-373516/2-A				Client Sample ID: Lab Control Sample				
Matrix: Water				Prep Type: Total/NA				
Analysis Batch: 373741				Prep Batch: 373516				
				%Rec.				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
Cyanide, Total	0.100	0.103		mg/L		103	80 - 120	

### Method: 9038 - Sulfate, Turbidimetric

Lab Sample ID: MB 500-374688/3				Client Sample ID: Method Blank					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 374688									
				Prepared					
				Analyzed					
				Dil Fac					
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			03/07/17 07:26	1

10

Lab Sample ID: LCS 500-374688/4				Client Sample ID: Lab Control Sample				
Matrix: Water				Prep Type: Total/NA				
Analysis Batch: 374688								
				%Rec.				
				Limits				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
Sulfate	20.0	20.2		mg/L		101	80 - 120	

Lab Sample ID: 500-124237-1 MS				Client Sample ID: ELUC MW-12					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 374688									
				%Rec.					
				Limits					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Sulfate	65		200	257		mg/L		96	75 - 125

Lab Sample ID: 500-124237-1 MSD				Client Sample ID: ELUC MW-12							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 374688											
				%Rec.							
				Limits							
				RPD							
				Limit							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfate	65		200	260		mg/L		98	75 - 125	1	20

### Method: 9251 - Chloride

Lab Sample ID: MB 500-373565/12				Client Sample ID: Method Blank					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 373565									
				Prepared					
				Analyzed					
				Dil Fac					
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			02/26/17 19:05	1

Lab Sample ID: LCS 500-373565/13				Client Sample ID: Lab Control Sample				
Matrix: Water				Prep Type: Total/NA				
Analysis Batch: 373565								
				%Rec.				
				Limits				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
Chloride	50.0	50.7		mg/L		101	80 - 120	

TestAmerica Chicago

MWG13-15\_62673  
3/10/2017

## QC Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Method: 9251 - Chloride (Continued)

Lab Sample ID: 500-124237-5 MS  
Matrix: Water  
Analysis Batch: 373565

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	220		50.0	256	4	mg/L		67	75 - 125

Lab Sample ID: 500-124237-5 MSD  
Matrix: Water  
Analysis Batch: 373565

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	220		50.0	254	4	mg/L		63	75 - 125	1	20

10

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

Lab Sample ID: MB 500-373564/1  
Matrix: Water  
Analysis Batch: 373564

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			02/26/17 20:17	1

Lab Sample ID: LCS 500-373564/2  
Matrix: Water  
Analysis Batch: 373564

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	298		mg/L		119	80 - 120

### Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-375166/3  
Matrix: Water  
Analysis Batch: 375166

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			03/09/17 13:24	1

Lab Sample ID: LCS 500-375166/4  
Matrix: Water  
Analysis Batch: 375166

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

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

Lab Sample ID: 500-124237-1 MS  
Matrix: Water  
Analysis Batch: 375166

Client Sample ID: ELUC MW-12  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.12		5.00	4.69		mg/L		91	75 - 125

TestAmerica Chicago

## QC Sample Results

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 500-124237-1 MSD  
Matrix: Water  
Analysis Batch: 375166

Client Sample ID: ELUC MW-12  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.12		5.00	4.84		mg/L		94	75 - 125	3	20

### Method: SM 4500 NO2 B - Nitrogen, Nitrite

Lab Sample ID: MB 500-373423/3  
Matrix: Water  
Analysis Batch: 373423

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/23/17 16:46	1

10

Lab Sample ID: LCS 500-373423/4  
Matrix: Water  
Analysis Batch: 373423

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrite	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: MB 500-373486/3  
Matrix: Water  
Analysis Batch: 373486

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrite	<0.020		0.020		mg/L			02/24/17 17:50	1

Lab Sample ID: LCS 500-373486/4  
Matrix: Water  
Analysis Batch: 373486

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrite	0.100	0.0988		mg/L		99	80 - 120

### Method: SM 4500 NO3 F - Nitrogen, Nitrate

Lab Sample ID: MB 500-373887/12  
Matrix: Water  
Analysis Batch: 373887

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			02/28/17 00:24	1

Lab Sample ID: LCS 500-373887/13  
Matrix: Water  
Analysis Batch: 373887

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate Nitrite	1.00	0.905		mg/L		90	80 - 120

TestAmerica Chicago

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Chicago  
2417 Bond St.  
University Park, IL 60484  
708-534-5200  
Fax: 708-534-5211

**Report To:**

Contact: Rich Gnat  
Company: KPRG & Associates Inc.  
Address: 14885 W. Lisbon Rd, Suite 2B  
Brookfield, WI, 53005  
Phone: 262-781-0475  
Fax:  
Email:

**Bill To:**

Contact:  
Company: Nrg  
Address:  
Phone:  
Fax:  
PO #: 4501754865

Lab Lot # **500-124237**  
Package Sealed: Yes No  
Samples Sealed: Yes No  
Received on Ice: Yes No  
Samples Intact: Yes No N/A  
Temperature °C of Cooler: **33**

Sampler Name: Ian John Howleson		Client Project # 12313.2		Refrg #														Within Hold Time Yes No	Preserv. Indicated Yes No N/A
Project Name: Waukegan Station Permit		TestAmerica Project Number: 50004763		Volume														pH Check OK Yes No	Check OK Res CL Cl Yes No N/A
Project Location: Waukegan, IL		Date Required Hard Copy: / /		Preserv.														Sample Labels and COC Agree Yes No COC not present	
Lab PM: Eric Lang		Fax: / /																Additional Analyses / Remarks	
Laboratory ID	MSD	Client Sample ID	Sampling Date Time	Matrix	# of Containers	Total NO2													
1		MW-12 ELUC	2-22-17 16:39	W	1	X													
2		MW-15 ELUC	2-22-17 12:14	W	1	X													
				W															
				W															
NB N				W															
				W															
				W															
				W															
				W															
				W															



500-124237 COC

RELINQUISHED BY: <b>ISH</b>	COMPANY: <b>KPRG</b>	DATE: <b>2-22-17</b>	TIME: <b>18:15</b>	RECEIVED BY: <b>FedEx</b>	COMPANY:	DATE:	TIME:
RELINQUISHED BY:	COMPANY:	DATE:	TIME:	RECEIVED BY: <b>Michelle</b>	COMPANY: <b>TACTA</b>	DATE: <b>02/23/17</b>	TIME: <b>18:30</b>

- |   |   |  |
|---|---|--|
| <b>Matrix Key</b>   | <b>Container Key</b>  | <b>Preservative Key</b>  |
| WW = Wastewater<br>W = Water<br>S = Soil<br>SL = Sludge<br>MS = Miscellaneous<br>OL = Oil<br>A = Air  | SE = Sediment<br>SO = Solid<br>DL = Drum Liquid<br>DS = Drum Solid<br>L = Leachate<br>W = Wipe<br>O =   | 1. Plastic<br>2. VOA Vial<br>3. Sterile Plastic<br>4. Amber Glass<br>5. Widemouth Glass<br>6. Other<br>7. None |
| SE = Sediment<br>SO = Solid<br>DL = Drum Liquid<br>DS = Drum Solid<br>L = Leachate<br>W = Wipe<br>O = | 1. HCl, Cool to 4°<br>2. H <sub>2</sub> SO <sub>4</sub> , Cool to 4°<br>3. HNO <sub>3</sub> , Cool to 4°<br>4. NaOH, Cool to 4°<br>5. NaOH/Zn, Cool to 4°<br>6. Cool to 4°<br>7. None |  |

COMMENTS:

Date Received: **02/23/17**  
Courier:  
Hand Delivered:   
Bill of Lading: **EX STD**

PAGE **2** of **2**

STL-8208 (0600)



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
 TestAmerica Chicago  
 2417 Bond St.  
 University Park, IL 60484  
 708-534-5200  
 Fax: 708-534-5211

Report To:		Bill To:	
Contact: Rich Griv	Company: KPRG & Associates Inc.	Contact: Nrg	Lab Lot # 500-124237
Address: 14665 W. Lisbon Rd. Suite 2B	Address: Brookfield, WI, 53005	Package Sealed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Samples Sealed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Phone: 262-781-0475	Phone:	Received on Ice <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Samples Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Fax:	Fax:	Temperature °C of Cooler 29	
Email:	PO #: 4501754865		

Sampler Name: Ian John Howleson		Client Project #: 12313.2		Refrigerant # / Cont.		Within Hold Time <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Preserv. Indicated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Project Name: Waukegan Station Permit		TestAmerica Project Number: 50004763		Volume Preserv. 7		pH Check OK <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Check OK Res Cl <sub>2</sub> Cr <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Project Location: Waukegan, IL		Date Required: Hard Copy: / /		Matrix		Sample Labels and COC Agree <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		COC not present	
Lab PM: Eric Lang		Fax: / /		# of Containers		Additional Analyses / Remarks			
Total NO2									
Laboratory ID	MS-HSD	Client Sample ID	Sampling Date	Time	Matrix	# of Containers	Total NO2		
3		MW-10 ELUC	2-23-17	13:04	W	1	X		
4		MW-14 ELUC	2-23-17	14:25	W	1	X		
					W				
					W				
NB N					W				
					W				
					W				
					W				
					W				
					W				

AS  
02/24/17



500-124237 COC

RELINQUISHED BY: ISH	COMPANY: KPRG	DATE: 2-23-17	TIME: 17:30	RECEIVED BY: FEDEX	COMPANY:	DATE:	TIME:
RELINQUISHED BY:	COMPANY:	DATE:	TIME:	RECEIVED BY: [Signature]	COMPANY: TRUMP	DATE: 02/24/17	TIME: 0930

- |  |  |  |
|--|--|--|
| <b>Matrix Key</b><br>WW = Wastewater<br>W = Water<br>S = Soil<br>SL = Sludge<br>MS = Miscellaneous<br>OL = Oil<br>A = Air<br>SE = Sediment<br>SO = Solid<br>DL = Drum Liquid<br>DS = Drum Solid<br>L = Leachate<br>W = Wipe<br>O = _____ | <b>Container Key</b><br>1. Plastic<br>2. VOA Vial<br>3. Sterile Plastic<br>4. Amber Glass<br>5. Widemouth Glass<br>6. Other<br>_____ | <b>Preservative Key</b><br>1. HCl, Cool to 4°<br>2. H <sub>2</sub> SO <sub>4</sub> , Cool to 4°<br>3. HNO <sub>3</sub> , Cool to 4°<br>4. NaOH, Cool to 4°<br>5. NaOH/Zn, Cool to 4°<br>6. Cool to 4°<br>7. None |
|--|--|--|

COMMENTS:	Date Received: 02/24/17
	Courier:
	Hand Delivered: <input type="checkbox"/>
	Bill of Lading: EX STD
	PAGE 2 of 2

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
 TestAmerica Chicago  
 2417 Bond St.  
 University Park, IL 60484  
 708-534-5200  
 Fax: 708-534-5211

<b>Report To:</b>	<b>Bill To:</b>	<b>Lab Lot #</b> 500-124237	
Contact: Rich Gnat	Contact:	Package Sealed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Samples Sealed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Company: KPRG & Associates Inc.	Company: Nrg	Received on Ice <sup>12/24/17</sup> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No AS	Samples Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A
Address: 14665 W. Lisbon Rd. Suite 2B Brookfield, WI, 53005	Address:	Temperature °C of Cooler <sup>AS 02/24/17</sup> -0.4, 3.4, 3.3, 2.9, 4.9, 4.5	
Phone: 262-781-0475	Phone:	Within Hold Time <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fax:	Fax:	Preserv. Indicated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A	
Email:	PO # 4501754865	PH Check OK <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		L <sub>2</sub> Check OKRes CL <sub>2</sub> Che <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A	
		Sample Labels and COC Agree <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		COC not present	

Sampler Name:		Client Project #		Refrg #									Within Hold Time		Preserv. Indicated		
Ian John Howieson		12313.2		# / Cont.									<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A		
Project Name:		TestAmerica Project Number:		Volume									PH Check OK		L <sub>2</sub> Check OKRes CL <sub>2</sub> Che		
Waukegan Station Permit		50004763		Preserv.									<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A		
Project Location:		Date Required		Matrix	# of Containers	Metals Total	Cl, TDS, SO <sub>4</sub> , F Total	NO <sub>2</sub> Total	NO <sub>3</sub> - NO <sub>2</sub> Total	Cyanide Total	Radium 226/228	Additional Analyses / Remarks					
Waukegan, IL		Hard Copy: / /															
Lab PM:		Fax:															
Eric Lang		/ /															
Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Time													
3		ELUC MW-10	2-23-17	13:04	W	7	X	X	X	X	X	X	X				
5		ELUC MW-11	2-24-17	11:31	W	7	X	X	X	X	X	X	X				
1		ELUC MW-12	2-22-17	16:39	W	7	X	X	X	X	X	X	X				
4		ELUC MW-14	2-23-17	14:25	W	7	X	X	X	X	X	X	X				
NB N	2	ELUC MW-15	2-22-17	12:14	W	7	X	X	X	X	X	X	X				



500-124237 COC

RELINQUISHED BY: <i>ISH</i>	COMPANY: <i>KPRG</i>	DATE: <i>2-24-17</i>	TIME: <i>17:07</i>	RECEIVED BY: <i>Sarah Sandy</i>	COMPANY: <i>TRCMI</i>	DATE: <i>02/24/17</i>	TIME: <i>17:07</i>
RELINQUISHED BY:	COMPANY:	DATE:	TIME:	RECEIVED BY:	COMPANY:	DATE:	TIME:

- |  |   |  |
|--|---|--|
| <b>Matrix Key</b>  | <b>Container Key</b>  | <b>Preservative Key</b>  |
| WW = Wastewater<br>W = Water<br>S = Soil<br>SL = Sludge<br>MS = Miscellaneous<br>OL = Oil<br>A = Air   | SE = Sediment<br>SO = Solid<br>DL = Drum Liquid<br>DS = Drum Solid<br>L = Leachate<br>W = Wipe<br>O = | 1. Plastic<br>2. VOA Vial<br>3. Sterile Plastic<br>4. Amber Glass<br>5. Widemouth Glass<br>6. Other<br>7. None |
| 1. HCl, Cool to 4°<br>2. H <sub>2</sub> SO <sub>4</sub> , Cool to 4°<br>3. HNO <sub>3</sub> , Cool to 4°<br>4. NaOH, Cool to 4°<br>5. NaOH/Zn, Cool to 4°<br>6. Cool to 4° |   |  |

COMMENTS:	Date Received <i>02/24/17</i>
	Courier:
	Hand Delivered <input checked="" type="checkbox"/>
	Bill of Lading:

PAGE 3 of 3

ORIGIN ID: FEPA (630) 325-1300  
IAN JOHN HOWIESON  
414 PLAZA DR STE 108  
WESTMONT, IL 60559  
UNITED STATES US

SHIP DATE: 22FEB17  
ACTWGT: 27.60 LB  
CAD: 006894064766FE1722  
DIMB: 16x12x18 IN  
BILL THIRD PARTY

Part # 156897435 RTZ RVV EXP 0917

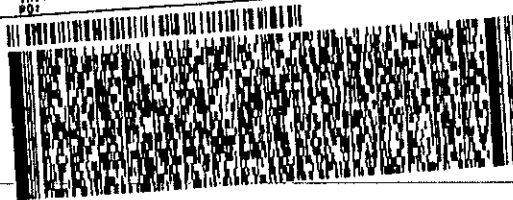
TO **ERIC LANG**  
**TEST AMERICA CHICAGO**  
**2414 BOND ST**

**UNIVERSITY PARK IL 60484**

(700) 631-6200  
TWO: 1  
PZ:

REF:

DEPT:



**FedEx**  
Express



**THU - 23 FEB 3:00P**  
**STANDARD OVERNIGHT**

TRK# 7856 9670 4304  
(0201)

**79 JOTA**

**60484**  
IL-US ORD



500-124237 Waybill

ORIGIN ID: FEPA (890) 925-1300  
IAN JOHN HOWIEBON  
414 PLAZA DR STE 108  
HESTHONT, IL 60559  
UNITED STATES US

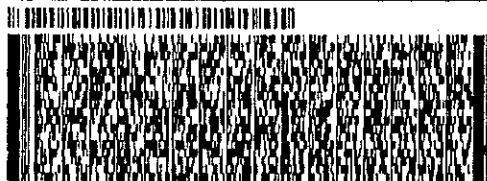
SHIP DATE: 23FEB17  
ACTWT: 21.20 LB  
CAD: 006984084/85FE1722  
DIM8: 18x11x13 IN  
BILL THIRD PARTY

Part # 1562871, 1562872, 1562873, 1562874, 1562875, 1562876, 1562877, 1562878, 1562879, 1562880, 1562881, 1562882, 1562883, 1562884, 1562885, 1562886, 1562887, 1562888, 1562889, 1562890, 1562891, 1562892, 1562893, 1562894, 1562895, 1562896, 1562897, 1562898, 1562899, 1562900, 1562901, 1562902, 1562903, 1562904, 1562905, 1562906, 1562907, 1562908, 1562909, 1562910, 1562911, 1562912, 1562913, 1562914, 1562915, 1562916, 1562917, 1562918, 1562919, 1562920, 1562921, 1562922, 1562923, 1562924, 1562925, 1562926, 1562927, 1562928, 1562929, 1562930, 1562931, 1562932, 1562933, 1562934, 1562935, 1562936, 1562937, 1562938, 1562939, 1562940, 1562941, 1562942, 1562943, 1562944, 1562945, 1562946, 1562947, 1562948, 1562949, 1562950, 1562951, 1562952, 1562953, 1562954, 1562955, 1562956, 1562957, 1562958, 1562959, 1562960, 1562961, 1562962, 1562963, 1562964, 1562965, 1562966, 1562967, 1562968, 1562969, 1562970, 1562971, 1562972, 1562973, 1562974, 1562975, 1562976, 1562977, 1562978, 1562979, 1562980, 1562981, 1562982, 1562983, 1562984, 1562985, 1562986, 1562987, 1562988, 1562989, 1562990, 1562991, 1562992, 1562993, 1562994, 1562995, 1562996, 1562997, 1562998, 1562999, 1563000

TO ERIC LANG  
TEST OF AMERICA CHICAGO  
2414 BOND ST

UNIVERSITY PARK IL 60484

(708) 631-6200 REF: DEPT:

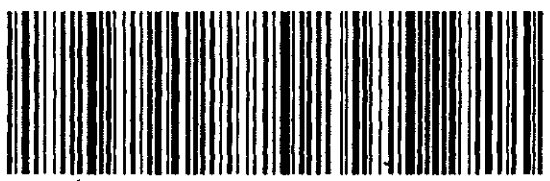


FRI - 24 FEB 3:00P  
STANDARD OVERNIGHT

TRK# 7857 0891 2305  
0201

79 JOTA

60484  
IL-US ORD



ST 22  
15:00  
2305  
02.24  
A



500-124237 Waybill



## Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-124237-1

Login Number: 124237  
 List Number: 1  
 Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\neq</math> 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, 4.9, -0.4, 4.5, 3.4
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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

0  
2  
1

**12**

## Certification Summary

Client: KPRG and Associates, Inc.  
Project/Site: Waukegan Station Permit

TestAmerica Job ID: 500-124237-1

### 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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\* Certification renewal pending - certification considered valid.