Midwest Generation, LLC
529 E. 135th Street
Romeoville, IL 60446

QUARTERLY GROUNDWATER MONITORING REPORT
WILL COUNTY GENERATING STATION

July 22, 2015

Ms. Andrea Rhodes
Illinois Environmental Protection Agency
Division of Public Water Supplies
MC#19
1021 North Grand Avenue East
Springfield, IL 62794-9276

VIA FEDERAL EXPRESS

Re: Quarterly Groundwater Monitoring Results – Second Quarter 2015
Will County Generating Station – Ash Impoundments
Compliance Commitment Agreement VN W-2012-00058; ID# 6283

Dear Ms. Rhodes:

The second quarterly groundwater sampling for 2015 has been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Will County Generating Station in accordance with the signed Compliance Commitment Agreement (CCA) with Illinois Environmental Protection Agency (IEPA) dated October 24, 2012. This quarterly monitoring report summarizes the results of the monitoring event.

Well Inspection and Sampling Procedures

The groundwater monitoring network around the ash ponds at the Will County facility consists of ten wells (MW-1 through MW-10) as shown on Figure 1. As part of sampling procedures, the integrity of all monitoring wells was inspected and water levels obtained using an electronic water level meter (see summary of water level discussion below). The wells were found in good condition with locked protector casings and the concrete surface seals were intact. Well MW-10 is completed as a flush-mount at ground surface and was also in good condition.

Groundwater samples were collected using the low-flow sampling technique. One duplicate sample was collected for quality assurance purposes. In addition, a deionized water trip blank was placed with the sample bottle shipment by the laboratory and accompanied the groundwater samples bottles from and back to the laboratory. The groundwater monitoring samples and the duplicate sample were analyzed for the inorganic compounds listed in Illinois Administrative Code (IAC) 620.410(a), 620.410(d) and 620.410(e), excluding radium

COMP. EX. 279Q

226/228. The trip blank was analyzed for the volatile organic compounds (VOCs) listed in IAC 620.410(d).

Groundwater Flow Evaluation

Water level data from the most recent round of sampling along with historical water levels obtained from each well are summarized in Table 1. The water levels from the most recent sampling were used to generate a groundwater flow map which is provided on Figure 2. The water elevation data indicates a general westerly flow of groundwater. The flow conditions observed during this sampling are consistent with historical conditions reported for the site.

Summary of Analytical Data

A copy of the analytical data package is provided in Attachment 1. The field parameter and analytical data from the most recent sampling, along with the previous eight quarters of data, are summarized in Table 2. The duplicate sample was collected from well MW-8. The data are generally consistent with previous data generated for the Will County site. It is noted that the sulfate concentration in well MW-4 has shown a decrease in this round of sampling. Chloride showed a slight increase in concentration in wells MW-6 and MW-9 and there was also a slight increase in Total Dissolved Solids in well MW-9.

All wells for which the sampling data reports a value above one or more groundwater standards are located within the area of the approved Groundwater Management Zone (GMZ).

If there are any questions, please contact either Sharene Shealey of Midwest Generation at 815-372-4625 or Richard Gnat of KPRG at 262-781-0475.

Sincerely,

Scott Perry
Station Manager

Attachments

cc: William Buscher, IEPA
Sharene Shealey, Midwest Generation
Elizabeth Alvarez, Midwest Generation
Richard Gnat, KPRG and Associates, Inc.

FIGURES

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

SITE MAP

WILL COUNTY STATION
ROMEOVILLE, ILLINOIS

Scale: 1" = 250'	Date: January 23, 2015
KPRG Project No. 12313.3	FIGURE 1

MWS13-15-49576

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ENVIRONMENTAL CONSULTATION & REMEDIATION

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414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

GROUNDWATER CONTOUR MAP 04/2015

WILL COUNTY STATION
ROMEOVILLE, ILLINOIS

Scale: 1" = 250'	Date: June 26, 2015
KPRG Project No. 12313.3 MWG 3/16/2015	FIGURE 2

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TABLES

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing (TOC) Elevation (ft above MSL)	Ground Elevation (ft above MSL)	Groundwater Elevation (ft above MSL)	Sampling Groundwater Elevation (ft above MSL)	Bottom of Well Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Sampling Depth to Groundwater (ft below TOC)	Depth to Bottom of Well (ft below TOC)
MW-01	6/15/2011	592.95	589.81	583.67	583.65	570.95	9.28	9.30	22.00
	9/15/2011	592.95	589.81	583.25	583.25	570.95	9.70	9.70	22.00
	12/8/2011	592.95	589.81	583.44	583.43	570.95	9.51	9.52	22.00
	3/16/2012	592.95	589.81	583.41	583.40	570.95	9.54	9.55	22.00
	6/20/2012	592.95	589.81	583.20	583.18	570.95	9.75	9.77	22.00
	9/24/2012	592.95	589.81	583.25	583.25	570.95	9.70	9.70	22.00
	12/18/2012	592.95	589.81	583.27	583.27	570.95	9.68	9.68	22.00
	3/6/2013	592.95	589.81	583.47	583.47	570.95	9.48	9.48	22.00
	6/3/2013	592.95	589.81	583.37	583.37	570.95	9.58	9.58	22.00
	8/14/2013	592.95	589.81	582.18	582.18	570.95	10.77	10.77	22.00
	10/29/2013	592.95	589.81	581.87	581.89	570.95	11.08	11.06	22.00
	2/20/2014	592.95	589.81	582.59	582.59	570.95	10.36	10.36	22.00
	5/20/2014	592.95	589.81	583.31	583.33	570.95	9.64	9.62	22.00
	8/13/2014	592.95	589.81	583.33	583.34	570.95	9.62	9.61	22.00
	10/21/2014	592.95	589.81	583.21	583.20	570.95	9.74	9.75	22.00
	2/4/2015	592.95	589.81	583.12	583.12	570.95	9.83	9.83	22.00
	4/30/2015	592.95	589.81	583.19	583.21	570.95	9.76	9.74	22.00
MW-02	6/15/2011	593.99	590.62	583.87	583.85	568.62	10.12	10.14	25.37
	9/15/2011	593.99	590.62	583.29	583.29	568.62	10.70	10.70	25.37
	12/8/2011	593.99	590.62	583.56	583.55	568.62	10.43	10.44	25.37
	3/16/2012	593.99	590.62	583.54	583.52	568.62	10.45	10.47	25.37
	6/20/2012	593.99	590.62	583.31	583.31	568.62	10.68	10.68	25.37
	9/24/2012	593.99	590.62	583.34	583.32	568.62	10.65	10.67	25.37
	12/18/2012	593.99	590.62	583.39	583.39	568.62	10.60	10.60	25.37
	3/6/2013	593.99	590.62	583.60	583.60	568.62	10.39	10.39	25.37
	6/3/2013	593.99	590.62	583.35	583.35	568.62	10.64	10.64	25.37
	8/14/2013	593.99	590.62	581.97	581.97	568.62	12.02	12.02	25.37
	10/28/2013	593.99	590.62	581.76	581.76	568.62	12.23	12.23	25.37
	2/20/2014	593.99	590.62	582.64	582.65	568.62	11.35	11.34	25.37
	5/20/2014	593.99	590.62	583.22	583.22	568.62	10.77	10.77	25.37
	8/13/2014	593.99	590.62	583.25	583.25	568.62	10.74	10.74	25.37
	10/20/2014	593.99	590.62	583.11	583.10	568.62	10.88	10.89	25.37
	2/4/2015	593.99	590.62	582.89	582.88	568.62	11.10	11.11	25.37
	5/1/2015	593.99	590.62	583.02	583.02	568.62	10.97	10.97	25.37
MW-03	6/15/2011	593.51	590.50	583.76	583.67	573.74	9.75	9.84	19.77
	9/15/2011	593.51	590.50	582.85	582.83	573.74	10.66	10.68	19.77
	12/8/2011	593.51	590.50	583.36	583.35	573.74	10.15	10.16	19.77
	3/16/2012	593.51	590.50	583.45	583.38	573.74	10.06	10.13	19.77
	6/20/2012	593.51	590.50	582.95	582.93	573.74	10.56	10.58	19.77
	9/24/2012	593.51	590.50	582.93	582.95	573.74	10.58	10.56	19.77
	12/18/2012	593.51	590.50	583.10	583.10	573.74	10.41	10.41	19.77
	3/6/2013	593.51	590.50	583.42	583.42	573.74	10.09	10.09	19.77
	6/3/2013	593.51	590.50	583.53	583.43	573.74	9.98	10.08	19.77
	8/14/2013	593.51	590.50	581.79	581.78	573.74	11.72	11.73	19.77
	10/28/2013	593.51	590.50	581.86	581.86	573.74	11.65	11.65	19.77
	2/13/2014	593.51	590.50	582.66	582.56	573.74	10.85	10.95	19.77
	5/21/2014	593.51	590.50	583.37	583.33	573.74	10.14	10.18	19.77
	8/12/2014	593.51	590.50	583.35	583.35	573.74	10.16	10.16	19.77
	10/20/2014	593.51	590.50	583.30	583.29	573.74	10.21	10.22	19.77
	2/4/2015	593.51	590.50	583.17	583.00	573.74	10.34	10.51	19.77
	5/1/2015	593.51	590.50	583.27	583.27	573.74	10.24	10.24	19.77
MW-04	6/15/2011	594.25	591.22	583.49	583.48	571.77	10.76	10.77	22.48
	9/15/2011	594.25	591.22	581.47	581.42	571.77	12.78	12.83	22.48
	12/8/2011	594.25	591.22	582.07	582.07	571.77	12.18	12.18	22.48
	3/16/2012	594.25	591.22	582.08	582.05	571.77	12.17	12.20	22.48
	6/20/2012	594.25	591.22	581.60	581.56	571.77	12.65	12.69	22.48
	9/24/2012	594.25	591.22	581.45	581.39	571.77	12.80	12.86	22.48
	12/18/2012	594.25	591.22	581.71	581.71	571.77	12.54	12.54	22.48
	3/6/2013	594.25	591.22	582.07	582.07	571.77	12.18	12.18	22.48
	6/3/2013	594.25*	591.22	582*	582*	571.77	12.05	12.06	22.48
	8/14/2013	593.95	591.06	581.89	581.89	571.47	12.06	12.06	22.48
	10/28/2013	593.95	591.06	582.07	582.05	571.47	11.88	11.90	22.48
	2/13/2014	593.95	591.06	582.15	582.27	571.47	11.80	11.68	22.48
	5/21/2014	593.95	591.06	583.14	583.11	571.47	10.81	10.84	22.48
	8/13/2014	593.95	591.06	583.32	583.27	571.47	10.63	10.68	22.48
	10/20/2014	593.95	591.06	583.04	583.05	571.47	10.91	10.90	22.48
	2/4/2015	593.95	591.06	582.93	582.93	571.47	11.02	11.02	22.48
	5/1/2015	593.95	591.06	583.06	583.05	571.47	10.89	10.90	22.48

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Well ID	Date	Top of Casing (TOC) Elevation (ft above MSL)	Ground Elevation (ft above MSL)	Groundwater Elevation (ft above MSL)	Sampling Groundwater Elevation (ft above MSL)	Bottom of Well Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Sampling Depth to Groundwater (ft below TOC)	Depth to Bottom of Well (ft below TOC)
MW-05	6/15/2011	592.87	589.60	583.47	583.45	570.80	9.40	9.42	22.07
	9/15/2011	592.87	589.60	582.47	582.45	570.80	10.40	10.42	22.07
	12/8/2011	592.87	589.60	583.17	583.15	570.80	9.70	9.72	22.07
	3/16/2012	592.87	589.60	583.14	583.16	570.80	9.73	9.71	22.07
	6/20/2012	592.87	589.60	582.60	582.60	570.80	10.27	10.27	22.07
	9/24/2012	592.87	589.60	582.37	582.36	570.80	10.50	10.51	22.07
	12/18/2012	592.87	589.60	582.79	582.79	570.80	10.08	10.08	22.07
	3/6/2013	592.87	589.60	583.16	583.16	570.80	9.71	9.71	22.07
	6/3/2013	592.87	589.60	583.22	583.19	570.80	9.65	9.68	22.07
	8/14/2013	592.87	589.60	581.70	581.74	570.80	11.17	11.13	22.07
	10/28/2013	592.87	589.60	582.16	582.15	570.80	10.71	10.72	22.07
	2/13/2014	592.87	589.60	582.31	582.31	570.80	10.56	10.56	22.07
	5/21/2014	592.87	589.60	583.09	583.10	570.80	9.78	9.77	22.07
	8/12/2014	592.87	589.60	583.26	583.27	570.80	9.61	9.60	22.07
	10/20/2014	592.87	589.60	583.01	583.02	570.80	9.86	9.85	22.07
	2/3/2015	592.87	589.60	582.96	582.96	570.80	9.91	9.91	22.07
	5/1/2015	592.87	589.60	583.03	583.03	570.80	9.84	9.84	22.07
MW-06	6/15/2011	592.97	589.77	582.52	582.52	571.82	10.45	10.45	21.15
	9/15/2011	592.97	589.77	581.95	581.91	571.82	11.02	11.06	21.15
	12/8/2011	592.97	589.77	582.16	582.16	571.82	10.81	10.81	21.15
	3/16/2012	592.97	589.77	582.10	582.09	571.82	10.87	10.88	21.15
	6/20/2012	592.97	589.77	581.76	581.76	571.82	11.21	11.21	21.15
	9/24/2012	592.97	589.77	581.71	581.63	571.82	11.26	11.34	21.15
	12/18/2012	592.97	589.77	581.75	581.75	571.82	11.22	11.22	21.15
	3/6/2013	592.97	589.77	582.10	582.10	571.82	10.87	10.87	21.15
	6/3/2013	592.97	589.77	582.24	582.12	571.82	10.73	10.85	21.15
	8/14/2013	592.97	589.77	581.29	581.29	571.82	11.68	11.68	21.15
	10/28/2013	592.97	589.77	581.21	581.19	571.82	11.76	11.78	21.15
	2/13/2014	592.97	589.77	581.20	581.19	571.82	11.77	11.78	21.15
	5/20/2014	592.97	589.77	582.02	582.00	571.82	10.95	10.97	21.15
	8/12/2014	592.97	589.77	582.45	582.43	571.82	10.52	10.54	21.15
	10/20/2014	592.97	589.77	581.77	581.80	571.82	11.20	11.17	21.15
	2/3/2015	592.97	589.77	581.66	581.65	571.82	11.31	11.32	21.15
	4/30/2015	592.97	589.77	581.93	581.89	571.82	11.04	11.08	21.15
MW-07	6/15/2011	592.88	589.55	582.96	582.94	572.07	9.92	9.94	20.81
	9/15/2011	592.88	589.55	582.41	582.41	572.07	10.47	10.47	20.81
	12/8/2011	592.88	589.55	582.82	582.81	572.07	10.06	10.07	20.81
	3/16/2012	592.88	589.55	582.76	582.76	572.07	10.12	10.12	20.81
	6/20/2012	592.88	589.55	582.24	582.24	572.07	10.64	10.64	20.81
	9/24/2012	592.88	589.55	582.59	582.59	572.07	10.29	10.29	20.81
	12/18/2012	592.88	589.55	582.67	582.67	572.07	10.21	10.21	20.81
	3/6/2013	592.88	589.55	582.76	582.76	572.07	10.12	10.12	20.81
	6/3/2013	592.88	589.55	582.46	582.28	572.07	10.42	10.60	20.81
	8/15/2013	592.88	589.55	581.04	580.80	572.07	11.84	12.08	20.81
	10/29/2013	592.88	589.55	580.99	580.94	572.07	11.89	11.94	20.81
	2/20/2014	592.88	589.55	581.80	581.54	572.07	11.08	11.34	20.81
	5/20/2014	592.88	589.55	582.29	582.21	572.07	10.59	10.67	20.81
	8/12/2014	592.88	589.55	581.97	581.85	572.07	10.91	11.03	20.81
	10/21/2014	592.88	589.55	582.20	582.01	572.07	10.68	10.87	20.81
	2/3/2015	592.88	589.55	581.79	581.70	572.07	11.09	11.18	20.81
	4/30/2015	592.88	589.55	582.10	582.04	572.07	10.78	10.84	20.81
MW-08	6/15/2011	592.71	589.64	582.24	582.22	572.50	10.47	10.49	20.21
	9/15/2011	592.71	589.64	581.28	581.26	572.50	11.43	11.45	20.21
	12/8/2011	592.71	589.64	582.38	582.38	572.50	10.33	10.33	20.21
	3/16/2012	592.71	589.64	582.41	582.38	572.50	10.30	10.33	20.21
	6/20/2012	592.71	589.64	581.54	581.53	572.50	11.17	11.18	20.21
	9/24/2012	592.71	589.64	581.36	581.36	572.50	11.35	11.35	20.21
	12/18/2012	592.71	589.64	582.22	582.22	572.50	10.49	10.49	20.21
	3/6/2013	592.71	589.64	582.04	582.04	572.50	10.67	10.67	20.21
	6/3/2013	592.71	589.64	582.06	580.79	572.50	10.65	11.92	20.21
	8/15/2013	592.71	589.64	580.95	579.81	572.50	11.76	12.90	20.21
	10/28/2013	592.71	589.64	581.05	580.67	572.50	11.66	12.04	20.21
	2/20/2014	592.71	589.64	581.62	580.99	572.50	11.09	11.72	20.21
	5/20/2014	592.71	589.64	581.69	581.63	572.50	11.02	11.08	20.21
	8/12/2014	592.71	589.64	581.53	581.18	572.50	11.18	11.53	20.21
	10/21/2014	592.71	589.64	581.51	580.92	572.50	11.20	11.79	20.21
	2/3/2015	592.71	589.64	581.25	580.83	572.50	11.46	11.88	20.21
	4/30/2015	592.71	589.64	581.48	581.20	572.50	11.23	11.51	20.21

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Well ID	Date	Top of Casing (TOC) Elevation (ft above MSL)	Ground Elevation (ft above MSL)	Groundwater Elevation (ft above MSL)	Sampling Groundwater Elevation (ft above MSL)	Bottom of Well Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Sampling Depth to Groundwater (ft below TOC)	Depth to Bottom of Well (ft below TOC)
MW-09	6/15/2011	592.84	589.76	582.81	582.51	570.66	10.03	10.33	22.18
	9/15/2011	592.84	589.76	581.28	581.17	570.66	11.56	11.67	22.18
	12/8/2011	592.84	589.76	583.36	583.36	570.66	9.48	9.48	22.18
	3/16/2012	592.84	589.76	583.52	583.51	570.66	9.32	9.33	22.18
	6/20/2012	592.84	589.76	581.51	581.51	570.66	11.33	11.33	22.18
	9/24/2012	592.84	589.76	580.88	580.89	570.66	11.96	11.95	22.18
	12/18/2012	592.84	589.76	583.10	583.10	570.66	9.74	9.74	22.18
	3/6/2013	592.84	589.76	583.13	583.13	570.66	9.71	9.71	22.18
	6/3/2013	592.84	589.76	582.46	581.40	570.66	10.38	11.44	22.18
	8/15/2013	592.84	589.76	580.56	580.11	570.66	12.28	12.73	22.18
	10/29/2013	592.84	589.76	581.87	581.71	570.66	10.97	11.13	22.18
	2/13/2014	592.84	589.76	581.23	581.06	570.66	11.61	11.78	22.18
	5/20/2014	592.84	589.76	582.76	581.93	570.66	10.08	10.91	22.18
	8/12/2014	592.84	589.76	582.02	581.59	570.66	10.82	11.25	22.18
	10/21/2014	592.84	589.76	581.40	581.11	570.66	11.44	11.73	22.18
	2/3/2015	592.84	589.76	581.97	581.36	570.66	10.87	11.48	22.18
	4/30/2015	592.84	589.76	581.57	581.53	570.66	11.27	11.31	22.18
MW-10	6/15/2011	590.98	591.31	580.90	580.46	571.45	10.08	10.52	19.53
	9/15/2011	590.98	591.31	580.04	579.48	571.45	10.94	11.50	19.53
	12/8/2011	590.98	591.31	580.59	580.15	571.45	10.39	10.83	19.53
	3/16/2012	590.98	591.31	580.73	580.08	571.45	10.25	10.90	19.53
	6/20/2012	590.98	591.31	579.70	579.43	571.45	11.28	11.55	19.53
	9/24/2012	590.98	591.31	579.69	578.86	571.45	11.29	12.12	19.53
	12/18/2012	590.98	591.31	579.92	579.92	571.45	11.06	11.06	19.53
	3/6/2013	590.98	591.31	580.74	580.74	571.45	10.24	10.24	19.53
	6/3/2013	590.98	591.31	580.43	580.19	571.45	10.55	10.79	19.53
	8/15/2013	590.98	591.31	579.13	579.03	571.45	11.85	11.95	19.53
	10/28/2013	590.98	591.31	579.37	579.33	571.45	11.61	11.65	19.53
	2/20/2014	590.98	591.31	580.32	579.96	571.45	10.66	11.02	19.53
	5/20/2014	590.98	591.31	580.79	580.60	571.45	10.19	10.38	19.53
	8/13/2014	590.98	591.31	580.57	580.47	571.45	10.41	10.51	19.53
	10/20/14	590.98	591.31	580.50	580.26	571.45	10.48	10.72	19.53
	02/03/15	590.98	591.31	580.12	579.94	571.45	10.86	11.04	19.53
	04/30/15	590.98	591.31	580.37	580.26	571.45	10.61	10.72	19.53

* - Estimated value due to damaged well casing which was subsequently re-surveyed.

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-01	Date	5/23/2013		8/14/2013		10/29/2013		2/20/2014		5/20/2014		8/13/2014		10/21/2014		2/4/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	ND	0.0010	ND	0.0010	0.0011	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Barium	2.0	0.0025	0.035	0.0025	0.090	0.0025	0.10	0.0025	0.085	0.0025	0.054	0.0025	0.064	0.0025	0.077	0.0025	0.066	0.0025	0.069
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	2.4	0.50	2.3	0.10	2.6	0.25	2.4	0.50	2.5	0.10	1.2	0.050	0.96	1.0	ND	0.25	0.81
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	190	10	120	10	160	10	120	10	87	2.0	35	2.0	29	2.0	30	2.0	28
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	0.0016	0.0010	0.0022	0.0010	0.0017	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.94	0.10	0.50	0.10	0.41	0.10	0.39	0.10	0.48	0.10	0.50	0.10	0.52	0.10	0.59	0.10	0.59
Iron	5.0	0.10	0.46	0.10	0.72	0.10	1.2	0.10	0.34	0.10	0.46	0.10	0.19	0.10	0.16	0.10	ND	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.13	0.0025	0.22	0.0025	0.28	0.0025	0.30	0.0025	0.26	0.0025	0.24	0.0025	0.17	0.0025	0.079	0.0025	0.011
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0069	0.0020	0.0047	0.0020	0.0055	0.0020	0.0058	0.0020	0.0050	0.0020	0.0025	0.0020	ND	0.0020	ND	0.0020	ND
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.27	0.10	0.25
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.27	0.10	0.25
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0028	0.0025	0.0051	0.0025	0.0053 ^
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	460	130	540	100	430	100	390	100	230	25	91	25	150	25	99	50	100
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1100	10	1300	10	1300	10	1300	10	890	10	600	10	600	10	570	10	510
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.0005	ND	0.0005	ND	0.0005	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.00059	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.56	NA	7.18	NA	7.04	NA	8.96	NA	7.19	NA	6.91	NA	7.12	NA	7.41	NA	7.36
Temperature	NA	NA	14.40	NA	16.82	NA	16.20	NA	11.29	NA	17.77	NA	20.79	NA	17.29	NA	12.62	NA	12.63
Conductivity	NA	NA	1.25	NA	1.51	NA	1.53	NA	1.27	NA	1.50	NA	0.95	NA	0.90	NA	0.64	NA	0.697
Dissolved Oxygen	NA	NA	0.50	NA	0.26	NA	0.57	NA	1.11	NA	0.42	NA	0.50	NA	0.45	NA	1.07	NA	2.32
ORP	NA	NA	-157.5	NA	-81.4	NA	-132.6	NA	-180.6	NA	-9.7	NA	-60.4	NA	-64.4	NA	-8.3	NA	31.7

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-02	Date	5/23/2013		8/14/2013		10/28/2013		2/20/2014		5/20/2014		8/13/2014		10/20/2014		2/4/2015		5/1/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0051	0.0010	0.0059	0.0010	0.0091	0.0010	0.0071	0.0010	0.0053	0.0010	0.0096	0.0010	0.013	0.0010	0.0095	0.0010	0.0076
Barium	2.0	0.0025	0.071	0.0025	0.075	0.0025	0.079	0.0025	0.080	0.0025	0.077	0.0025	0.089	0.0025	0.10	0.0025	0.092	0.0025	0.096
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	1.9	0.50	2.2	0.10	2.4	0.25	2.4	0.50	2.8	0.25	3.0	0.50	3.6	1.0	3.8	0.25	3.8
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	200	10	170	10	180	10	170	10	130	10	100	10	97	10	130	10	110
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.47	0.10	0.45	0.10	0.47	0.10	0.44	0.10	0.39	0.10	0.41	0.10	0.39	0.10	0.41	0.10	0.38
Iron	5.0	0.10	ND	0.10	0.14	0.10	0.33	0.10	ND	0.10	ND	0.10	0.29	0.10	0.64	0.10	0.17	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.041	0.0025	0.041	0.0025	0.043	0.0025	0.044	0.0025	0.024	0.0025	0.074	0.0025	0.083	0.0025	0.064	0.0025	0.055
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	0.0021	0.0020	0.0024	0.0020	0.0024	0.0020	0.0023	0.0020	0.0026	0.0020	0.0029	0.0020	0.0029	0.0020	0.0032
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.16	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.16	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
Silver	0.05	0.00050	ND	0.00050	ND^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	50	250	100	300	100	280	100	210	100	300	100	340	100	510	100	400	100	460
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	890	10	900	10	950	10	1000	10	1000	10	1100	10	1200	10	1200	10	1200
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.0005	ND	0.0005	ND	0.0005	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.00083	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	8.00	NA	7.93	NA	8.06	NA	8.97	NA	7.74	NA	7.59	NA	6.94	NA	8.14	NA	8.00
Temperature	NA	NA	15.53	NA	16.36	NA	15.02	NA	11.56	NA	17.35	NA	18.69	NA	17.11	NA	14.26	NA	18.64
Conductivity	NA	NA	1.06	NA	1.10	NA	1.06	NA	1.02	NA	1.31	NA	1.38	NA	1.63	NA	1.37	NA	1.581
Dissolved Oxygen	NA	NA	0.52	NA	0.19	NA	0.54	NA	1.31	NA	0.72	NA	0.38	NA	0.31	NA	0.90	NA	1.60
ORP	NA	NA	-117.5	NA	-160.5	NA	-172.5	NA	-161.4	NA	-28.3	NA	-107.9	NA	-135.2	NA	-126.8	NA	-116.1

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm²	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-03	Date	5/22/2013		8/14/2013		10/28/2013		2/13/2014		5/21/2014		8/12/2014		10/20/2014		2/4/2015		5/1/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0019	0.0010	0.0023	0.0010	0.0018	0.0010	ND	0.0010	ND	0.0010	0.0021	0.0010	ND	0.0010	ND	0.0010	ND
Barium	2.0	0.0025	0.095	0.0025	0.083	0.0025	0.083	0.0025	0.095	0.0025	0.071	0.0025	0.064	0.0025	0.077	0.0025	0.094	0.0025	0.093
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	3.7	0.50	3.6	0.10	3.5	0.50	3.2	0.50	3.3	0.25	3.5	0.50	3.6	1.0	2.9	0.25	2.9
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	110	10	100	10	110	2.0	69	2.0	62	10	91	2.0	57	2.0	43	2.0	33
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	0.0011	0.0010	0.0014	0.0010	0.0016	0.0010	ND	0.0010	ND	0.0010	0.0011	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.41	0.10	0.42	0.10	0.49	0.10	0.41	0.10	0.43	0.10	0.56	0.10	0.51	0.10	0.38	0.10	0.38
Iron	5.0	0.10	0.21	0.10	0.26	0.10	ND	0.10	ND	0.10	ND	0.10	0.13	0.10	ND	0.10	0.18	0.10	0.12
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.22	0.0025	0.19	0.0025	0.16	0.0025	0.45	0.0025	0.25	0.0025	0.16	0.0025	0.29	0.0025	0.47	0.0025	0.43
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0088	0.0020	0.010	0.0020	0.011	0.0020	0.0058	0.0020	0.0061	0.0020	0.010	0.0020	0.0073	0.0020	0.0055	0.0020	0.0047
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0049	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0025	0.0025	ND
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	610	100	530	100	540	100	560	100	560	100	570	100	570	100	320	100	250
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1200	10	1200	10	1100	10	1200	10	1200	10	1100	10	1100	10	1100	10	990
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.21	NA	7.20	NA	7.24	NA	7.03	NA	7.21	NA	7.39	NA	6.06	NA	7.11	NA	7.07
Temperature	NA	NA	16.15	NA	16.84	NA	14.53	NA	9.92	NA	15.74	NA	16.79	NA	14.39	NA	10.34	NA	11.15
Conductivity	NA	NA	1.39	NA	1.37	NA	1.22	NA	1.03	NA	1.43	NA	1.40	NA	1.48	NA	1.11	NA	1.139
Dissolved Oxygen	NA	NA	0.58	NA	0.43	NA	0.51	NA	0.81	NA	0.73	NA	1.45	NA	0.43	NA	1.81	NA	2.99
ORP	NA	NA	-65.3	NA	-66.4	NA	-138.6	NA	434.5	NA	18.4	NA	-90.3	NA	47.7	NA	7.2	NA	-18.3

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-04	Date	5/22/2013		8/14/2013		10/28/2013		2/13/2014		5/21/2014		8/13/2014		10/20/2014		2/4/2015		5/1/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0013	0.0010	0.0032	0.0010	0.0054	0.0010	0.0010	0.0010	ND	0.0010	0.0010	0.0010	0.0011	0.0010	0.0013	0.0010	ND
Barium	2.0	0.0025	0.034	0.0025	0.033	0.0025	0.037	0.0025	0.034	0.0025	0.030	0.0025	0.034	0.0025	0.037	0.0025	0.031	0.0025	0.031
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	3.8	0.50	5.1	0.10	5.6	0.50	4.6	0.50	4.2	0.25	4.8	0.50	4.5	1.0	3.9	0.25	4.0
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	110	10	120	10	89	10	110	10	85	2.0	67	10	82	10	120	10	110
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	0.0014	0.0010	0.0012	0.0010	ND	0.0010	0.0013	0.0010	0.0011	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	0.0023	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.60	0.10	0.66	0.10	0.47	0.10	0.43	0.10	0.43	0.10	0.47	0.10	0.54	0.10	0.52	0.10	0.47
Iron	5.0	0.10	ND	0.10	0.66	0.10	0.92	0.10	0.64	0.10	ND	0.10	0.26	0.10	0.27	0.10	0.28	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.44	0.0025	0.58	0.0025	0.65	0.0025	0.72	0.0025	0.49	0.0025	0.88	0.0025	0.64	0.0025	0.52	0.0025	0.45
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	0.00066	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0044	0.0020	0.0043	0.0020	0.0055	0.0020	0.0053	0.0020	0.0045	0.0020	0.0058	0.0020	0.0065	0.0020	0.0043	0.0020	0.0057
Nitrogen/Nitrate	10.0	0.10	0.42	0.10	ND	0.10	ND	0.10	ND	0.10	0.39	0.10	ND	0.10	0.15	0.10	0.17	0.10	0.53
Nitrogen/Nitrate, Nitrite	NA	0.10	0.42	0.10	ND	0.10	ND	0.10	ND	0.10	0.39	0.10	ND	0.10	0.15	0.10	0.17	0.10	0.53
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	0.0087	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0090	0.0025	0.0055	0.0025	0.010	0.0025	0.0087	0.0025	0.020
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	500	1500	500	2200	250	1300	250	1400	250	1100	250	1200	250	1600	250	1100	250	860
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	13	2900	25	3500	13	2400	13	2800	10	2500	10	2200	10	2600	10	2600	10	2300
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.07	NA	7.15	NA	6.74	NA	7.03	NA	6.96	NA	6.75	NA	5.87	NA	7.13	NA	7.15
Temperature	NA	NA	13.54	NA	17.54	NA	16.62	NA	10.22	NA	19.98	NA	18.18	NA	16.64	NA	8.13	NA	13.74
Conductivity	NA	NA	2.44	NA	3.58	NA	2.84	NA	1.42	NA	3.06	NA	2.41	NA	3.07	NA	2.21	NA	2.364
Dissolved Oxygen	NA	NA	1.07	NA	0.34	NA	0.36	NA	0.81	NA	1.66	NA	0.43	NA	0.44	NA	2.01	NA	1.83
ORP	NA	NA	-3.9	NA	-38.2	NA	-127.7	NA	-1.6	NA	-0.8	NA	3.6	NA	3.1	NA	16.7	NA	9.3

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-05	Date	6/5/2013		8/14/2013		10/28/2013		2/13/2014		5/21/2014		8/12/2014		10/20/2014		2/3/2015		5/1/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0020	0.0010	0.0025	0.0010	0.0021	0.0010	0.0017	0.0010	0.0015	0.0010	0.0031	0.0010	0.0014	0.0010	0.0028	0.0010	0.0019
Barium	2.0	0.0025	0.11	0.0025	0.042	0.0025	0.078	0.0025	0.056	0.0025	0.075	0.0025	0.066	0.0025	0.061	0.0025	0.048	0.0025	0.072
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	3.6	0.50	3.5	0.10	4.1	0.50	2.7	0.50	2.9	0.25	2.7	0.50	4.7	1.0	2.4	0.25	3.7
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	110	10	120	10	130	10	130	10	160	10	170	10	81	10	200	10	180
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.30	0.10	0.50	0.10	0.36	0.10	0.43	0.10	0.28	0.10	0.52	0.10	0.35	0.10	0.50	0.10	0.31
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.15	0.0025	0.060	0.0025	0.11	0.0025	0.053	0.0025	0.11	0.0025	0.062	0.0025	0.20	0.0025	0.046	0.0025	0.092
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0025	0.0020	0.0039	0.0020	0.0028	0.0020	0.0024	0.0020	0.0020	0.0020	0.0031	0.0020	0.0049	0.0020	ND	0.0020	0.0023
Nitrogen/Nitrate	10.0	0.10	0.69	0.10	ND	0.10	0.27	0.10	0.24	0.10	0.72	0.10	ND	0.10	0.12	0.10	1.3	0.10	1.1
Nitrogen/Nitrate, Nitrite	NA	0.10	0.75	0.10	ND	0.10	0.59	0.10	0.80	0.10	0.97	0.10	ND	0.10	0.12	0.10	1.6	0.10	1.2
Nitrogen/Nitrite	NA	0.020	0.059	0.020	ND	0.10	0.32	0.10	0.56	0.040	0.25	0.020	0.098	0.020	ND	0.040	0.34	0.020	0.099
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	0.026	0.0025	ND	0.0025	0.17	0.0025	0.024	0.0025	0.013	0.0025	0.0051	0.0025	0.010	0.0025	0.0058	0.0025	0.020
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	250	650	100	500	130	560	100	690	250	1700	250	610	250	840	100	430	100	480
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1600	10	1100	10	1300	10	1400	10	1600	10	1400	10	2100	10	1100	10	1600
Vanadium	0.049	0.0050	0.010	0.0050	0.0054	0.0050	0.013	0.0050	0.012	0.0050	0.018	0.0050	0.013	0.0050	0.010	0.0050	0.019	0.0050	0.012
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.00	NA	7.88	NA	6.75	NA	8.45	NA	7.07	NA	7.36	NA	6.87	NA	9.70	NA	7.29
Temperature	NA	NA	14.77	NA	16.72	NA	17.04	NA	9.59	NA	16.68	NA	16.80	NA	18.46	NA	8.29	NA	12.11
Conductivity	NA	NA	1.66	NA	1.28	NA	1.55	NA	0.81	NA	1.92	NA	1.60	NA	2.59	NA	1.13	NA	1.691
Dissolved Oxygen	NA	NA	0.56	NA	0.15	NA	0.92	NA	0.78	NA	0.46	NA	0.35	NA	0.81	NA	2.40	NA	1.53
ORP	NA	NA	-11.3	NA	20.8	NA	-73.8	NA	89.4	NA	87.6	NA	-24.6	NA	58.1	NA	-53.5	NA	31.4

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm^c	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-06	Date	5/22/2013		8/14/2013		10/28/2013		2/13/2014		5/20/2014		8/12/2014		10/20/2014		2/3/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0014	0.0010	0.0022	0.0010	0.0031	0.0010	ND	0.0010	ND	0.0010	0.0018	0.0010	0.0017	0.0010	0.0028	0.0010	0.0010
Barium	2.0	0.0025	0.057	0.0025	0.053	0.0025	0.063	0.0025	0.052	0.0025	0.045	0.0025	0.039	0.0025	0.066	0.0025	0.071	0.0025	0.072
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	2.8	0.50	2.9	0.10	3.7	0.50	3.0	0.50	2.9	0.25	2.8	0.50	3.4	1.0	3.2	0.25	3.0
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	110	10	91	10	76	2.0	55	10	120	10	120	10	81	2.0	49	10	160
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.65	0.10	0.57	0.10	0.57	0.10	0.45	0.10	0.42	0.10	0.96	0.10	0.56	0.10	0.37	0.10	0.38
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	0.11	0.10	ND	0.10	ND	0.10	ND	0.10	0.17	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.082	0.0025	0.023	0.0025	0.083	0.0025	0.099	0.0025	0.056	0.0025	0.028	0.0025	0.11	0.0025	0.12	0.0025	0.068
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	ND	0.0020	0.0020	0.0020	0.0020	0.0020	ND	0.0020	ND	0.0020	0.0020	0.0020	ND	0.0020	ND
Nitrogen/Nitrate	10.0	0.10	0.10	0.10	ND	0.10	ND	0.10	ND	0.10	0.72	0.10	ND	0.10	ND	0.10	ND	0.10	0.23
Nitrogen/Nitrate, Nitrite	NA	0.10	0.20	0.10	ND	0.10	ND	0.10	ND	0.10	0.91	0.10	0.16	0.10	ND	0.10	ND	0.10	0.30
Nitrogen/Nitrite	NA	0.020	0.099	0.020	ND	0.020	ND	0.020	ND	0.020	0.19	0.10	0.29	0.020	ND	0.020	ND	0.020	0.067
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	0.0071	0.0025	0.0040	0.0025	ND	0.0025	0.0041	0.0025	0.0057	0.0025	0.0036	0.0025	0.0036	0.0025	ND	0.0025	ND
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	360	100	400	100	310	100	270	100	320	100	200	100	420	50	310	50	350
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	880	10	860	10	790	10	780	10	840	10	660	10	800	10	770	10	780
Vanadium	0.049	0.0050	ND	0.0050	0.0087	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.014	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	8.41	NA	9.13	NA	8.50	NA	8.27	NA	8.52	NA	8.16	NA	7.26	NA	8.38	NA	8.08
Temperature	NA	NA	15.89	NA	18.56	NA	15.76	NA	9.46	NA	16.13	NA	16.21	NA	18.31	NA	8.28	NA	10.95
Conductivity	NA	NA	1.19	NA	1.04	NA	0.96	NA	0.57	NA	1.08	NA	1.00	NA	1.20	NA	0.77	NA	0.935
Dissolved Oxygen	NA	NA	0.37	NA	0.37	NA	0.23	NA	1.19	NA	0.32	NA	0.62	NA	0.66	NA	1.69	NA	1.90
ORP	NA	NA	-14.3	NA	-16.6	NA	-173.8	NA	35.4	NA	-94.2	NA	-3.7	NA	-94.0	NA	-142.5	NA	-61.3

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-07	Date	5/22/2013		8/15/2013		10/29/2013		2/20/2014		5/20/2014		8/12/2014		10/21/2014		2/3/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0031	0.0010	0.0032	0.0010	0.0035	0.0010	0.0030	0.0010	0.0022	0.0010	0.0035	0.0010	0.0031	0.0010	0.0027	0.0010	0.0029
Barium	2.0	0.0025	0.048	0.0025	0.067	0.0025	0.040	0.0025	0.064	0.0025	0.074	0.0025	0.062	0.0025	0.072	0.0025	0.042	0.0025	0.048
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	2.6	0.50	3.5	0.10	3.0	0.50	4.0	0.50	4.8	0.50	3.9	0.50	5.1	1.0	3.0	0.25	3.3
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	190	10	180	10	180	10	210	10	190	10	200	10	190	10	170	10	160
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	0.014	0.010	0.013	0.010	0.012	0.010	0.019	0.010	0.029	0.010	0.021	0.010	ND	0.010	0.016	0.010	ND
Fluoride	4.0	0.10	0.97	0.10	0.96	0.10	0.96	0.10	0.81	0.10	0.73	0.10	0.97	0.10	0.84	0.10	0.91	0.10	0.85
Iron	5.0	0.10	0.21	0.10	0.36	0.10	0.21	0.10	0.36	0.10	0.53	0.10	0.44	0.10	0.55	0.10	0.16	0.10	0.22
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.043	0.0025	0.064	0.0025	0.049	0.0025	0.16	0.0025	0.12	0.0025	0.10	0.0025	0.12	0.0025	0.031	0.0025	0.044
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0036	0.0020	0.0038	0.0020	0.0042	0.0020	0.0032	0.0020	0.0027	0.0020	0.0037	0.0020	0.0034	0.0020	0.0036	0.0020	0.0033
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0066	0.0025	ND	0.0025	ND	0.0025	0.0046	0.0025	ND	0.0025	0.0039
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	390	100	460	100	530	130	380	100	540	100	570	130	680	100	400	100	440
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1100	10	1100	10	1200	10	1300	10	1300	10	1300	10	1500	10	1100	10	1200
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	8.14	NA	8.43	NA	8.07	NA	8.18	NA	8.22	NA	8.26	NA	7.88	NA	8.68	NA	8.53
Temperature	NA	NA	14.25	NA	15.62	NA	13.06	NA	11.16	NA	16.71	NA	14.78	NA	14.85	NA	8.76	NA	12.23
Conductivity	NA	NA	1.13	NA	1.21	NA	1.20	NA	1.20	NA	1.50	NA	1.24	NA	1.60	NA	1.10	NA	1.32
Dissolved Oxygen	NA	NA	0.36	NA	0.10	NA	0.41	NA	0.94	NA	0.57	NA	0.28	NA	0.39	NA	1.50	NA	2.30
ORP	NA	NA	-155.1	NA	-204.2	NA	-168.1	NA	-118.7	NA	-76.6	NA	-126.7	NA	-151.3	NA	-154.5	NA	-134.3

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-08	Date	5/23/2013		8/15/2013		10/28/2013		2/20/2014		5/20/2014		8/12/2014		10/21/2014		2/3/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0072	0.0010	0.016	0.0010	0.0069	0.0010	0.0077	0.0010	0.0036	0.0010	0.014	0.0010	0.0082	0.0010	0.0036	0.0010	0.0047
Barium	2.0	0.0025	0.079	0.0025	0.084	0.0025	0.14	0.0025	0.086	0.0025	0.076	0.0025	0.078	0.0025	0.087	0.0025	0.081	0.0025	0.083
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	1.9	0.50	2.4	0.10	3.2	0.25	2.0	0.50	2.5	0.25	2.4	0.50	2.8	1.0	2.3	0.25	2.3
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	190	10	170	10	150	10	180	10	160	10	170	10	180	10	170	10	150
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	0.0021	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.55	0.10	0.64	0.10	0.45	0.10	0.46	0.10	0.43	0.10	0.74	0.10	0.56	0.10	0.51	0.10	0.54
Iron	5.0	0.10	0.68	0.10	1.3	0.10	ND	0.10	0.72	0.10	0.43	0.10	1.0	0.10	1.0	0.10	0.19	0.10	0.22
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.47	0.0025	0.31	0.0025	0.42	0.0025	0.39	0.0025	0.35	0.0025	0.30	0.0025	0.44	0.0025	0.31	0.0025	0.28
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	0.0032	0.0020	0.0043	0.0020	0.0037	0.0020	0.0030	0.0020	0.0040	0.0020	0.0048	0.0020	0.0036	0.0020	0.0037
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	0.17	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	0.17	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	0.015	0.0025	0.0034	0.0025	0.0032	0.0025	ND	0.0025	0.0032	0.0025	0.0083	0.0025	0.010
Silver	0.05	0.00050	ND	0.00050	ND ^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	270	100	440	130	650	130	330	100	450	100	430	200	730	100	530	100	520
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1100	10	1100	10	1600	10	1300	10	1400	10	1200	10	1500	10	1400	10	1400
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.19	NA	7.46	NA	6.87	NA	8.18	NA	7.04	NA	7.09	NA	7.03	NA	7.24	NA	7.23
Temperature	NA	NA	13.12	NA	18.25	NA	15.59	NA	9.15	NA	17.97	NA	16.04	NA	14.76	NA	9.43	NA	12.42
Conductivity	NA	NA	1.09	NA	1.35	NA	1.73	NA	1.26	NA	1.70	NA	1.49	NA	2.00	NA	1.46	NA	1.587
Dissolved Oxygen	NA	NA	0.20	NA	0.30	NA	0.64	NA	1.20	NA	0.44	NA	0.69	NA	0.68	NA	2.26	NA	5.61
ORP	NA	NA	-111.3	NA	-114.8	NA	-145.3	NA	-86.8	NA	87.7	NA	-53.3	NA	-52.9	NA	10.7	NA	14.8

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-09	Date	5/23/2013		8/15/2013		10/29/2013		2/13/2014		5/20/2014		8/12/2014		10/21/2014		2/3/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0047	0.0010	0.0050	0.0010	0.0066	0.0010	0.0029	0.0010	0.0029	0.0010	0.0043	0.0010	0.0046	0.0010	0.0038	0.0010	0.0044
Barium	2.0	0.0025	0.025	0.0025	0.026	0.0025	0.023	0.0025	0.022	0.0025	0.028	0.0025	0.027	0.0025	0.026	0.0025	0.033	0.0025	0.032
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	1.7	0.50	1.8	0.10	2.2	0.50	1.4	0.50	1.5	0.25	1.7	0.50	1.9	1.0	1.4	0.25	1.5
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	160	10	170	10	110	10	270	10	250	10	210	10	200	10	200	10	310
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.32	0.10	0.47	0.10	0.48	0.10	0.44	0.10	0.41	0.10	0.61	0.10	0.55	0.10	0.44	0.10	0.47
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	ND	0.0025	0.0043	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0025	0.0025	0.0026	0.0025	ND
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	0.0024	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0025	0.0020	0.0024	0.0020	0.0020	0.0020	ND
Nitrogen/Nitrate	10.0	0.10	0.40	0.10	ND	0.10	1.6	0.10	2.3	0.10	1.0	0.10	ND	0.10	ND	0.10	2.2	0.10	2.7
Nitrogen/Nitrate, Nitrite	NA	0.10	1.4	0.10	0.44	0.50	2.2	0.50	2.9	0.10	1.5	0.10	0.20	0.10	ND	0.20	2.4	0.20	2.9
Nitrogen/Nitrite	NA	0.20	1.0	0.10	0.49	0.10	0.65	0.10	0.59	0.10	0.48	0.10	0.43	0.020	0.078	0.040	0.21	0.040	0.25
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	0.0027	0.0025	0.0034	0.0025	0.0053	0.0025	0.0032	0.0025	0.0026	0.0025	0.0031	0.0025	0.0035	0.0025	ND	0.0025	0.0025
Silver	0.05	0.00050	ND	0.00050	ND^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	50	320	50	310	50	310	50	220	100	380	100	310	100	430	50	300	50	270
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	690	10	700	10	680	10	780	10	880	10	870	10	820	10	810	10	930
Vanadium	0.049	0.0050	0.029	0.0050	0.023	0.0050	0.034	0.0050	0.017	0.0050	0.017	0.0050	0.015	0.0050	0.015	0.0050	0.011	0.0050	0.010
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	9.93	NA	9.86	NA	10.01	NA	9.69	NA	9.71	NA	9.26	NA	8.73	NA	9.48	NA	9.49
Temperature	NA	NA	13.62	NA	16.90	NA	16.28	NA	11.58	NA	16.41	NA	16.36	NA	15.98	NA	5.11	NA	13.72
Conductivity	NA	NA	0.83	NA	0.93	NA	0.85	NA	0.85	NA	1.25	NA	1.12	NA	1.19	NA	0.83	NA	1.224
Dissolved Oxygen	NA	NA	0.25	NA	0.48	NA	0.56	NA	0.94	NA	0.43	NA	0.52	NA	0.48	NA	4.87	NA	1.93
ORP	NA	NA	-107.1	NA	-91.6	NA	-182.7	NA	195.4	NA	-22.8	NA	27.4	NA	-10.8	NA	-42.0	NA	-53.3

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Will County Station, Romeoville, IL

Sample: MW-10	Date	5/22/2013		8/15/2013		10/28/2013		2/20/2014		5/20/2014		8/13/2014		10/20/2014		2/3/2015		4/30/2015	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0077	0.0010	0.0040	0.0010	0.012	0.0010	0.0027	0.0010	0.0012	0.0010	0.0033	0.0010	0.0090	0.0010	0.012	0.0010	0.014
Barium	2.0	0.0025	0.10	0.0025	0.082	0.0025	0.10	0.0025	0.094	0.0025	0.071	0.0025	0.071	0.0025	0.10	0.0025	0.12	0.0025	0.10
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.50	2.7	0.50	2.3	0.10	3.8	0.25	2.5	0.50	2.2	0.25	2.1	0.50	3.3	1.0	3.3	0.25	3.6
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	140	10	130	10	140	10	140	10	140	10	140	10	140	10	110	10	130
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Cyanide	0.2	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.66	0.10	0.73	0.10	0.73	0.10	0.64	0.10	0.74	0.10	0.99	0.10	0.75	0.10	0.58	0.10	0.67
Iron	5.0	0.10	1.1	0.10	0.48	0.10	0.79	0.10	0.36	0.10	0.28	0.10	0.45	0.10	1.0	0.10	1.5	0.10	1.4
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.24	0.0025	0.14	0.0025	0.22	0.0025	0.18	0.0025	0.12	0.0025	0.12	0.0025	0.25	0.0025	0.38	0.0025	0.29
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	0.0020	0.0020	0.0020	0.0020	0.0030	0.0020	0.0023	0.0020	ND	0.0020	0.0024	0.0020	0.0033	0.0020	0.0027	0.0020	0.0036
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0036
Silver	0.05	0.00050	ND	0.00050	ND^	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	50	350	100	300	50	330	50	290	100	270	100	260	100	380	50	260	50	260
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1100	10	900	10	920	10	1000	10	940	10	880	10	1100	10	1100	10	1000
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5 - 9.0	NA	7.53	NA	7.38	NA	7.27	NA	9.18	NA	7.54	NA	7.54	NA	6.84	NA	7.32	NA	7.43
Temperature	NA	NA	13.44	NA	16.41	NA	16.70	NA	10.54	NA	15.30	NA	16.39	NA	18.21	NA	10.10	NA	10.95
Conductivity	NA	NA	1.21	NA	1.09	NA	1.25	NA	1.03	NA	1.13	NA	1.11	NA	1.46	NA	1.17	NA	1.93
Dissolved Oxygen	NA	NA	0.30	NA	0.15	NA	0.23	NA	1.50	NA	0.46	NA	0.29	NA	2.15	NA	0.79	NA	1.57
ORP	NA	NA	-97.8	NA	-112.1	NA	-165.8	NA	-187.5	NA	-68.3	NA	-77.9	NA	-159.3	NA	-98.6	NA	-115.0

Notes: Standards obtained from IAC, Title 35, Chapter I, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I: Potable Resource Groundwater.
All values are in mg/L (ppm) unless otherwise noted.

DL - Detection limit
NA - Not Applicable
ND - Not Detected
NM - Not Measured

NR - Not Required
NS - Not Sampled
^ - Denotes instrument related QC exceeds the control limits

Temperature	°C	degrees Celcius
Conductivity	ms/cm	millisiemens/centimeters
Dissolved Oxygen	mg/L	milligrams/liter
Oxygen Reduction Potential (ORP)	mV	millivolts

ATTACHMENT 1
Analytical Data Package(s)

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: 500-95495-1
Client Project/Site: Will Co. Station Ash Ponds

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

Attn: Richard Gnat

Authorized for release by:
5/15/2015 8:27:15 AM

Bonnie Stadelmann, Senior Project Manager
(708)534-5200
bonnie.stadelmann@testamericainc.com

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.

Table of Contents

Case Narrative

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Job ID: 500-95495-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-95495-1

Comments
No additional comments.

Receipt
The samples were received on 5/1/2015 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.6° C, 2.8° C and 3.1° C.

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

Metals
Method(s) 6020A: The internal standard (Tb) was used to report Pb for job 500-95495 in batch 286776.

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

Field Service / Mobile Lab
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.

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
314.0	Perchlorate (IC)	EPA	TAL SAC
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:

EPA = US Environmental Protection Agency

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

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-95495-1	MW-01	Water	04/30/15 17:50	05/01/15 15:10
500-95495-2	MW-02	Water	05/01/15 13:20	05/01/15 15:10
500-95495-3	MW-03	Water	05/01/15 09:30	05/01/15 15:10
500-95495-4	MW-04	Water	05/01/15 10:40	05/01/15 15:10
500-95495-5	MW-05	Water	05/01/15 11:45	05/01/15 15:10
500-95495-6	MW-06	Water	04/30/15 09:58	05/01/15 15:10
500-95495-7	MW-07	Water	04/30/15 16:28	05/01/15 15:10
500-95495-8	MW-08	Water	04/30/15 14:45	05/01/15 15:10
500-95495-9	MW-09	Water	04/30/15 13:00	05/01/15 15:10
500-95495-10	MW-10	Water	04/30/15 11:10	05/01/15 15:10
500-95495-11	Duplicates	Water	04/30/15 00:00	05/01/15 15:10
500-95495-12	Trip Blank	Water	04/30/15 00:00	05/01/15 15:10

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-01

Date Collected: 04/30/15 17:50
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 17:31	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 17:31	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 17:31	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*05/13/15 17:31*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/13/15 17:31*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*05/13/15 17:31*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*05/13/15 17:31*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/04/15 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 12:40	1
Arsenic	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:40	1
Barium	**0.069**		0.0025		mg/L		05/05/15 09:20	05/05/15 12:40	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:07	1
Boron	**0.81**		0.25		mg/L		05/05/15 09:20	05/07/15 15:53	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:40	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:40	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:40	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:40	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 12:40	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:40	1
Manganese	**0.011**		0.0025		mg/L		05/05/15 09:20	05/07/15 11:07	1
Nickel	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:40	1
Selenium	**0.0053**	F1	0.0025		mg/L		05/05/15 09:20	05/05/15 12:40	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:40	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:40	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:40	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 12:40	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:45	1
Sulfate	**100**		50		mg/L			05/05/15 12:52	10
Chloride	**28**		2.0		mg/L			05/05/15 19:15	1
Nitrogen, Nitrate	**0.25**		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**510**		10		mg/L			05/05/15 07:30	1
Fluoride	**0.59**		0.10		mg/L			05/07/15 10:48	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:05	1
Nitrogen, Nitrate Nitrite	**0.25**		0.10		mg/L			05/07/15 12:40	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-02

Date Collected: 05/01/15 13:20
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 19:27	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 19:27	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 19:27	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 125*		*05/14/15 19:27*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/14/15 19:27*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*05/14/15 19:27*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/14/15 19:27*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/04/15 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 12:53	1
Arsenic	**0.0076**		0.0010		mg/L		05/05/15 09:20	05/05/15 12:53	1
Barium	**0.096**		0.0025		mg/L		05/05/15 09:20	05/05/15 12:53	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:44	1
Boron	**3.8**		0.25		mg/L		05/05/15 09:20	05/07/15 10:01	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:53	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:53	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:53	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:53	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 12:53	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:53	1
Manganese	**0.055**		0.0025		mg/L		05/05/15 09:20	05/07/15 11:44	1
Nickel	**0.0032**		0.0020		mg/L		05/05/15 09:20	05/05/15 12:53	1
Selenium	<0.0025		0.0025		mg/L		05/05/15 09:20	05/05/15 12:53	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:53	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:53	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:53	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 12:53	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:45	1
Sulfate	**460**		100		mg/L			05/05/15 12:53	20
Chloride	**110**		10		mg/L			05/05/15 20:15	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1200**		10		mg/L			05/05/15 07:35	1
Fluoride	**0.38**		0.10		mg/L			05/07/15 10:51	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:06	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 12:42	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-03

Date Collected: 05/01/15 09:30
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 19:53	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 19:53	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 19:53	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*		*05/14/15 19:53*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/14/15 19:53*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*05/14/15 19:53*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/14/15 19:53*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/04/15 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 12:56	1
Arsenic	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:56	1
Barium	**0.093**		0.0025		mg/L		05/05/15 09:20	05/05/15 12:56	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:49	1
Boron	**2.9**		0.25		mg/L		05/05/15 09:20	05/07/15 10:06	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:56	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:56	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:56	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:56	1
Iron	**0.12**		0.10		mg/L		05/05/15 09:20	05/05/15 12:56	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:56	1
Manganese	**0.43**		0.0025		mg/L		05/05/15 09:20	05/07/15 11:49	1
Nickel	**0.0047**		0.0020		mg/L		05/05/15 09:20	05/05/15 12:56	1
Selenium	<0.0025		0.0025		mg/L		05/05/15 09:20	05/05/15 12:56	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:56	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:56	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:56	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 12:56	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:47	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:45	1
Sulfate	**250**		100		mg/L			05/05/15 12:54	20
Chloride	**33**		2.0		mg/L			05/05/15 19:19	1
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**990**		10		mg/L			05/05/15 07:37	1
Fluoride	**0.38**		0.10		mg/L			05/07/15 10:53	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:06	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 12:44	1

Client Sample ID: MW-04

Date Collected: 05/01/15 10:40
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 18:30	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 18:30	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 18:30	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 125*		*05/14/15 18:30*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*05/14/15 18:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*05/14/15 18:30*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*05/14/15 18:30*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 12:59	1
Arsenic	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:59	1
Barium	**0.031**		0.0025		mg/L		05/05/15 09:20	05/05/15 12:59	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:53	1
Boron	**4.0**		0.25		mg/L		05/05/15 09:20	05/07/15 10:11	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:59	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/06/15 12:48	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:53	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:59	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/07/15 11:53	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:59	1
Manganese	**0.45**		0.0025		mg/L		05/05/15 09:20	05/07/15 11:53	1
Nickel	**0.0057**		0.0020		mg/L		05/05/15 09:20	05/07/15 11:53	1
Selenium	**0.020**		0.0025		mg/L		05/05/15 09:20	05/05/15 12:59	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:59	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:59	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/07/15 11:53	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 12:59	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:49	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:46	1
Sulfate	**860**		250		mg/L			05/05/15 12:55	50
Chloride	**110**		10		mg/L			05/05/15 20:18	5
Nitrogen, Nitrate	**0.53**		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**2300**		10		mg/L			05/05/15 07:40	1
Fluoride	**0.47**		0.10		mg/L			05/07/15 10:56	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:07	1
Nitrogen, Nitrate Nitrite	**0.53**		0.10		mg/L			05/07/15 13:33	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-05

Date Collected: 05/01/15 11:45
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 18:55	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 18:55	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 18:55	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 125*		*05/14/15 18:55*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/14/15 18:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*05/14/15 18:55*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*05/14/15 18:55*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:07	1
Arsenic	**0.0019**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:07	1
Barium	**0.072**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:07	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 11:58	1
Boron	**3.7**		0.25		mg/L		05/05/15 09:20	05/07/15 10:15	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:07	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:07	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 13:07	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:07	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 13:07	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:07	1
Manganese	**0.092**		0.0025		mg/L		05/05/15 09:20	05/07/15 11:58	1
Nickel	**0.0023**		0.0020		mg/L		05/05/15 09:20	05/05/15 13:07	1
Selenium	**0.020**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:07	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:07	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:07	1
Vanadium	**0.012**		0.0050		mg/L		05/05/15 09:20	05/05/15 13:07	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:07	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:46	1
Sulfate	**480**		100		mg/L			05/05/15 12:56	20
Chloride	**180**		10		mg/L			05/05/15 20:18	5
Nitrogen, Nitrate	**1.1**		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1600**		10		mg/L			05/05/15 07:42	1
Fluoride	**0.31**		0.10		mg/L			05/07/15 10:59	1
Nitrogen, Nitrite	**0.099**		0.020		mg/L			05/01/15 17:07	1
Nitrogen, Nitrate Nitrite	**1.2**		0.10		mg/L			05/07/15 13:35	1

Client Sample ID: MW-06

Date Collected: 04/30/15 09:58
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 17:58	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 17:58	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 17:58	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*05/13/15 17:58*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/13/15 17:58*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*05/13/15 17:58*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*05/13/15 17:58*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:09	1
Arsenic	**0.0010**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:09	1
Barium	**0.072**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:09	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:03	1
Boron	**3.0**		0.25		mg/L		05/05/15 09:20	05/07/15 10:20	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:09	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:09	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 13:09	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:09	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 13:09	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:09	1
Manganese	**0.068**		0.0025		mg/L		05/05/15 09:20	05/07/15 12:03	1
Nickel	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:09	1
Selenium	<0.0025		0.0025		mg/L		05/05/15 09:20	05/05/15 13:09	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:09	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:09	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:09	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:09	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:57	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:46	1
Sulfate	**350**		50		mg/L			05/05/15 12:57	10
Chloride	**160**		10		mg/L			05/05/15 20:19	5
Nitrogen, Nitrate	**0.23**		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**780**		10		mg/L			05/05/15 07:45	1
Fluoride	**0.38**		0.10		mg/L			05/07/15 11:03	1
Nitrogen, Nitrite	**0.067**		0.020		mg/L			05/01/15 17:07	1
Nitrogen, Nitrate Nitrite	**0.30**		0.10		mg/L			05/07/15 13:37	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-07

Date Collected: 04/30/15 16:28
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 18:26	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 18:26	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 18:26	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*05/13/15 18:26*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/13/15 18:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*05/13/15 18:26*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*05/13/15 18:26*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:12	1
Arsenic	**0.0029**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:12	1
Barium	**0.048**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:12	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:07	1
Boron	**3.3**		0.25		mg/L		05/05/15 09:20	05/07/15 10:25	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:12	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:12	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 13:12	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:12	1
Iron	**0.22**		0.10		mg/L		05/05/15 09:20	05/05/15 13:12	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:12	1
Manganese	**0.044**		0.0025		mg/L		05/05/15 09:20	05/07/15 12:07	1
Nickel	**0.0033**		0.0020		mg/L		05/05/15 09:20	05/05/15 13:12	1
Selenium	**0.0039**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:12	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:12	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:12	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:12	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:12	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:59	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:47	1
Sulfate	**440**		100		mg/L			05/05/15 12:58	20
Chloride	**160**		10		mg/L			05/05/15 20:19	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1200**		10		mg/L			05/05/15 07:47	1
Fluoride	**0.85**		0.10		mg/L			05/07/15 11:06	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:08	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 13:39	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-08

Date Collected: 04/30/15 14:45
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 18:53	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 18:53	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 18:53	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*05/13/15 18:53*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*05/13/15 18:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*05/13/15 18:53*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*05/13/15 18:53*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:15	1
Arsenic	**0.0047**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:15	1
Barium	**0.083**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:15	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:12	1
Boron	**2.3**		0.25		mg/L		05/05/15 09:20	05/07/15 10:29	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:15	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:15	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 13:15	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:15	1
Iron	**0.22**		0.10		mg/L		05/05/15 09:20	05/05/15 13:15	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:15	1
Manganese	**0.28**		0.0025		mg/L		05/05/15 09:20	05/07/15 12:12	1
Nickel	**0.0037**		0.0020		mg/L		05/05/15 09:20	05/05/15 13:15	1
Selenium	**0.010**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:15	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:15	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:15	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:15	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 09:01	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:48	1
Sulfate	**520**		100		mg/L			05/08/15 08:14	20
Chloride	**150**		10		mg/L			05/05/15 20:20	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1400**		10		mg/L			05/05/15 07:50	1
Fluoride	**0.54**		0.10		mg/L			05/07/15 11:17	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:08	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 12:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-09

Date Collected: 04/30/15 13:00
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 19:20	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 19:20	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 19:20	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*05/13/15 19:20*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/13/15 19:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*05/13/15 19:20*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*05/13/15 19:20*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:17	1
Arsenic	**0.0044**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:17	1
Barium	**0.032**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:17	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:17	1
Boron	**1.5**		0.25		mg/L		05/05/15 09:20	05/07/15 16:16	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:17	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 13:17	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 13:17	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:17	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 13:17	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:17	1
Manganese	<0.0025		0.0025		mg/L		05/05/15 09:20	05/07/15 12:17	1
Nickel	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:17	1
Selenium	**0.0025**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:17	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:17	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:17	1
Vanadium	**0.010**		0.0050		mg/L		05/05/15 09:20	05/05/15 13:17	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:17	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 09:02	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:48	1
Sulfate	**270**		50		mg/L			05/08/15 08:15	10
Chloride	**310**		10		mg/L			05/05/15 22:27	5
Nitrogen, Nitrate	**2.7**		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**930**		10		mg/L			05/05/15 07:52	1
Fluoride	**0.47**		0.10		mg/L			05/07/15 11:20	1
Nitrogen, Nitrite	**0.25**		0.040		mg/L			05/01/15 17:08	2
Nitrogen, Nitrate Nitrite	**2.9**		0.20		mg/L			05/07/15 14:23	2

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Client Sample ID: MW-10

Date Collected: 04/30/15 11:10
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 19:48	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 19:48	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 19:48	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*05/13/15 19:48*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/13/15 19:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*05/13/15 19:48*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*05/13/15 19:48*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:20	1
Arsenic	**0.014**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:20	1
Barium	**0.10**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:20	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:21	1
Boron	**3.6**		0.25		mg/L		05/05/15 09:20	05/07/15 10:34	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:20	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/06/15 13:16	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:21	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:20	1
Iron	**1.4**		0.10		mg/L		05/05/15 09:20	05/07/15 12:21	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:20	1
Manganese	**0.29**		0.0025		mg/L		05/05/15 09:20	05/07/15 12:21	1
Nickel	**0.0036**		0.0020		mg/L		05/05/15 09:20	05/07/15 12:21	1
Selenium	**0.0036**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:20	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:20	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:20	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/07/15 12:21	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 09:04	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:48	1
Sulfate	**260**		50		mg/L			05/08/15 08:16	10
Chloride	**130**		10		mg/L			05/05/15 22:30	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1000**		10		mg/L			05/05/15 07:55	1
Fluoride	**0.67**		0.10		mg/L			05/07/15 11:22	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:09	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 12:50	1

Client Sample ID: Duplicates

Date Collected: 04/30/15 00:00
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 20:16	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 20:16	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 20:16	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*05/13/15 20:16*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*05/13/15 20:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*05/13/15 20:16*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*05/13/15 20:16*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/05/15 02:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 13:23	1
Arsenic	**0.0069**		0.0010		mg/L		05/05/15 09:20	05/05/15 13:23	1
Barium	**0.078**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:23	1
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:26	1
Boron	**2.2**		0.25		mg/L		05/05/15 09:20	05/07/15 10:48	5
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:23	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/06/15 13:21	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 12:26	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:23	1
Iron	**0.41**		0.10		mg/L		05/05/15 09:20	05/07/15 12:26	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:23	1
Manganese	**0.31**		0.0025		mg/L		05/05/15 09:20	05/07/15 12:26	1
Nickel	**0.0046**		0.0020		mg/L		05/05/15 09:20	05/07/15 12:26	1
Selenium	**0.0074**		0.0025		mg/L		05/05/15 09:20	05/05/15 13:23	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 13:23	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 13:23	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/07/15 12:26	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 13:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 09:06	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:49	1
Sulfate	**530**		100		mg/L			05/08/15 08:17	20
Chloride	**150**		10		mg/L			05/05/15 22:31	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			05/07/15 08:06	1
Total Dissolved Solids	**1400**		10		mg/L			05/05/15 07:57	1
Fluoride	**0.53**		0.10		mg/L			05/07/15 11:01	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			05/01/15 17:09	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			05/07/15 12:52	1

Client Sample ID: Trip Blank

Date Collected: 04/30/15 00:00
Date Received: 05/01/15 15:10

Lab Sample ID: 500-95495-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 16:37	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 16:37	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 16:37	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*05/13/15 16:37*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/13/15 16:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*05/13/15 16:37*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*05/13/15 16:37*	*1*

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

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.
¤	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)

GC/MS VOA

Analysis Batch: 287829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Total/NA	Water	8260B	
500-95495-6	MW-06	Total/NA	Water	8260B	
500-95495-7	MW-07	Total/NA	Water	8260B	
500-95495-8	MW-08	Total/NA	Water	8260B	
500-95495-9	MW-09	Total/NA	Water	8260B	
500-95495-10	MW-10	Total/NA	Water	8260B	
500-95495-11	Duplicates	Total/NA	Water	8260B	
500-95495-12	Trip Blank	Total/NA	Water	8260B	
LCS 500-287829/3	Lab Control Sample	Total/NA	Water	8260B	
MB 500-287829/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 287940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-2	MW-02	Total/NA	Water	8260B	
500-95495-3	MW-03	Total/NA	Water	8260B	
LCS 500-287940/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-287940/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 287945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-4	MW-04	Total/NA	Water	8260B	
500-95495-4 MS	MW-04	Total/NA	Water	8260B	
500-95495-4 MSD	MW-04	Total/NA	Water	8260B	
500-95495-5	MW-05	Total/NA	Water	8260B	
LCS 500-287945/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-287945/6	Method Blank	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 73136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Total/NA	Water	314.0	
500-95495-1 MS	MW-01	Total/NA	Water	314.0	
500-95495-1 MSD	MW-01	Total/NA	Water	314.0	
500-95495-2	MW-02	Total/NA	Water	314.0	
500-95495-3	MW-03	Total/NA	Water	314.0	
500-95495-4	MW-04	Total/NA	Water	314.0	
500-95495-5	MW-05	Total/NA	Water	314.0	
500-95495-6	MW-06	Total/NA	Water	314.0	
500-95495-7	MW-07	Total/NA	Water	314.0	
500-95495-8	MW-08	Total/NA	Water	314.0	
500-95495-9	MW-09	Total/NA	Water	314.0	
500-95495-10	MW-10	Total/NA	Water	314.0	
500-95495-11	Duplicates	Total/NA	Water	314.0	
LCS 320-73136/15	Lab Control Sample	Total/NA	Water	314.0	
MB 320-73136/14	Method Blank	Total/NA	Water	314.0	
MRL 320-73136/13	Lab Control Sample	Total/NA	Water	314.0	

Metals

Prep Batch: 286713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	Soluble Metals	
500-95495-1 DU	MW-01	Dissolved	Water	Soluble Metals	
500-95495-1 MS	MW-01	Dissolved	Water	Soluble Metals	
500-95495-1 MSD	MW-01	Dissolved	Water	Soluble Metals	
500-95495-2	MW-02	Dissolved	Water	Soluble Metals	
500-95495-3	MW-03	Dissolved	Water	Soluble Metals	
500-95495-4	MW-04	Dissolved	Water	Soluble Metals	
500-95495-5	MW-05	Dissolved	Water	Soluble Metals	
500-95495-6	MW-06	Dissolved	Water	Soluble Metals	
500-95495-7	MW-07	Dissolved	Water	Soluble Metals	
500-95495-8	MW-08	Dissolved	Water	Soluble Metals	
500-95495-9	MW-09	Dissolved	Water	Soluble Metals	
500-95495-10	MW-10	Dissolved	Water	Soluble Metals	
500-95495-11	Duplicates	Dissolved	Water	Soluble Metals	
LCS 500-286713/2-A	Lab Control Sample	Soluble	Water	Soluble Metals	
MB 500-286713/1-A	Method Blank	Soluble	Water	Soluble Metals	

Prep Batch: 286734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	7470A	
500-95495-2	MW-02	Dissolved	Water	7470A	
500-95495-3	MW-03	Dissolved	Water	7470A	
500-95495-4	MW-04	Dissolved	Water	7470A	
500-95495-5	MW-05	Dissolved	Water	7470A	
500-95495-6	MW-06	Dissolved	Water	7470A	
500-95495-7	MW-07	Dissolved	Water	7470A	
500-95495-8	MW-08	Dissolved	Water	7470A	
500-95495-9	MW-09	Dissolved	Water	7470A	
500-95495-10	MW-10	Dissolved	Water	7470A	
500-95495-11	Duplicates	Dissolved	Water	7470A	
LCS 500-286734/13-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-286734/12-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 286776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	6020A	286713
500-95495-1 DU	MW-01	Dissolved	Water	6020A	286713
500-95495-1 MS	MW-01	Dissolved	Water	6020A	286713
500-95495-1 MSD	MW-01	Dissolved	Water	6020A	286713
500-95495-2	MW-02	Dissolved	Water	6020A	286713
500-95495-3	MW-03	Dissolved	Water	6020A	286713
500-95495-4	MW-04	Dissolved	Water	6020A	286713
500-95495-5	MW-05	Dissolved	Water	6020A	286713
500-95495-6	MW-06	Dissolved	Water	6020A	286713
500-95495-7	MW-07	Dissolved	Water	6020A	286713
500-95495-8	MW-08	Dissolved	Water	6020A	286713
500-95495-9	MW-09	Dissolved	Water	6020A	286713
500-95495-10	MW-10	Dissolved	Water	6020A	286713
500-95495-11	Duplicates	Dissolved	Water	6020A	286713
LCS 500-286713/2-A	Lab Control Sample	Soluble	Water	6020A	286713
MB 500-286713/1-A	Method Blank	Soluble	Water	6020A	286713

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Analysis Batch: 286936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	7470A	286734
500-95495-2	MW-02	Dissolved	Water	7470A	286734
500-95495-3	MW-03	Dissolved	Water	7470A	286734
500-95495-4	MW-04	Dissolved	Water	7470A	286734
500-95495-5	MW-05	Dissolved	Water	7470A	286734
500-95495-6	MW-06	Dissolved	Water	7470A	286734
500-95495-7	MW-07	Dissolved	Water	7470A	286734
500-95495-8	MW-08	Dissolved	Water	7470A	286734
500-95495-9	MW-09	Dissolved	Water	7470A	286734
500-95495-10	MW-10	Dissolved	Water	7470A	286734
500-95495-11	Duplicates	Dissolved	Water	7470A	286734
LCS 500-286734/13-A	Lab Control Sample	Total/NA	Water	7470A	286734
MB 500-286734/12-A	Method Blank	Total/NA	Water	7470A	286734

Analysis Batch: 286973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-4	MW-04	Dissolved	Water	6020A	286713
500-95495-10	MW-10	Dissolved	Water	6020A	286713
500-95495-11	Duplicates	Dissolved	Water	6020A	286713

Analysis Batch: 287141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	6020A	286713
500-95495-1 DU	MW-01	Dissolved	Water	6020A	286713
500-95495-1 MS	MW-01	Dissolved	Water	6020A	286713
500-95495-1 MSD	MW-01	Dissolved	Water	6020A	286713
500-95495-2	MW-02	Dissolved	Water	6020A	286713
500-95495-2	MW-02	Dissolved	Water	6020A	286713
500-95495-3	MW-03	Dissolved	Water	6020A	286713
500-95495-3	MW-03	Dissolved	Water	6020A	286713
500-95495-4	MW-04	Dissolved	Water	6020A	286713
500-95495-4	MW-04	Dissolved	Water	6020A	286713
500-95495-5	MW-05	Dissolved	Water	6020A	286713
500-95495-5	MW-05	Dissolved	Water	6020A	286713
500-95495-6	MW-06	Dissolved	Water	6020A	286713
500-95495-6	MW-06	Dissolved	Water	6020A	286713
500-95495-7	MW-07	Dissolved	Water	6020A	286713
500-95495-7	MW-07	Dissolved	Water	6020A	286713
500-95495-8	MW-08	Dissolved	Water	6020A	286713
500-95495-8	MW-08	Dissolved	Water	6020A	286713
500-95495-9	MW-09	Dissolved	Water	6020A	286713
500-95495-10	MW-10	Dissolved	Water	6020A	286713
500-95495-10	MW-10	Dissolved	Water	6020A	286713
500-95495-11	Duplicates	Dissolved	Water	6020A	286713
500-95495-11	Duplicates	Dissolved	Water	6020A	286713
LCS 500-286713/2-A	Lab Control Sample	Soluble	Water	6020A	286713
MB 500-286713/1-A	Method Blank	Soluble	Water	6020A	286713

Analysis Batch: 287234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	6020A	286713
500-95495-1 DU	MW-01	Dissolved	Water	6020A	286713
500-95495-1 MS	MW-01	Dissolved	Water	6020A	286713

Metals (Continued)

Analysis Batch: 287234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1 MSD	MW-01	Dissolved	Water	6020A	286713
500-95495-9	MW-09	Dissolved	Water	6020A	286713

General Chemistry

Analysis Batch: 286411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	SM 4500 NO2 B	
500-95495-1 MS	MW-01	Dissolved	Water	SM 4500 NO2 B	
500-95495-1 MSD	MW-01	Dissolved	Water	SM 4500 NO2 B	
500-95495-2	MW-02	Dissolved	Water	SM 4500 NO2 B	
500-95495-3	MW-03	Dissolved	Water	SM 4500 NO2 B	
500-95495-4	MW-04	Dissolved	Water	SM 4500 NO2 B	
500-95495-5	MW-05	Dissolved	Water	SM 4500 NO2 B	
500-95495-6	MW-06	Dissolved	Water	SM 4500 NO2 B	
500-95495-7	MW-07	Dissolved	Water	SM 4500 NO2 B	
500-95495-8	MW-08	Dissolved	Water	SM 4500 NO2 B	
500-95495-9	MW-09	Dissolved	Water	SM 4500 NO2 B	
500-95495-10	MW-10	Dissolved	Water	SM 4500 NO2 B	
500-95495-11	Duplicates	Dissolved	Water	SM 4500 NO2 B	
LCS 500-286411/4	Lab Control Sample	Total/NA	Water	SM 4500 NO2 B	
MB 500-286411/3	Method Blank	Total/NA	Water	SM 4500 NO2 B	

Prep Batch: 286636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	9010B	
500-95495-2	MW-02	Dissolved	Water	9010B	
500-95495-3	MW-03	Dissolved	Water	9010B	
500-95495-4	MW-04	Dissolved	Water	9010B	
500-95495-5	MW-05	Dissolved	Water	9010B	
500-95495-6	MW-06	Dissolved	Water	9010B	
500-95495-7	MW-07	Dissolved	Water	9010B	
500-95495-8	MW-08	Dissolved	Water	9010B	
500-95495-9	MW-09	Dissolved	Water	9010B	
500-95495-10	MW-10	Dissolved	Water	9010B	
500-95495-11	Duplicates	Dissolved	Water	9010B	
LCS 500-286636/2-A	Lab Control Sample	Total/NA	Water	9010B	
MB 500-286636/1-A	Method Blank	Total/NA	Water	9010B	

Analysis Batch: 286656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	9014	286636
500-95495-2	MW-02	Dissolved	Water	9014	286636
500-95495-3	MW-03	Dissolved	Water	9014	286636
500-95495-4	MW-04	Dissolved	Water	9014	286636
500-95495-5	MW-05	Dissolved	Water	9014	286636
500-95495-6	MW-06	Dissolved	Water	9014	286636
500-95495-7	MW-07	Dissolved	Water	9014	286636
500-95495-8	MW-08	Dissolved	Water	9014	286636
500-95495-9	MW-09	Dissolved	Water	9014	286636

General Chemistry (Continued)

Analysis Batch: 286656 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-10	MW-10	Dissolved	Water	9014	286636
500-95495-11	Duplicates	Dissolved	Water	9014	286636
LCS 500-286636/2-A	Lab Control Sample	Total/NA	Water	9014	286636
MB 500-286636/1-A	Method Blank	Total/NA	Water	9014	286636

Analysis Batch: 286689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	SM 2540C	
500-95495-1 DU	MW-01	Dissolved	Water	SM 2540C	
500-95495-2	MW-02	Dissolved	Water	SM 2540C	
500-95495-3	MW-03	Dissolved	Water	SM 2540C	
500-95495-4	MW-04	Dissolved	Water	SM 2540C	
500-95495-5	MW-05	Dissolved	Water	SM 2540C	
500-95495-6	MW-06	Dissolved	Water	SM 2540C	
500-95495-7	MW-07	Dissolved	Water	SM 2540C	
500-95495-8	MW-08	Dissolved	Water	SM 2540C	
500-95495-9	MW-09	Dissolved	Water	SM 2540C	
500-95495-10	MW-10	Dissolved	Water	SM 2540C	
500-95495-11	Duplicates	Dissolved	Water	SM 2540C	
LCS 500-286689/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 500-286689/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 286769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	9038	
500-95495-2	MW-02	Dissolved	Water	9038	
500-95495-3	MW-03	Dissolved	Water	9038	
500-95495-4	MW-04	Dissolved	Water	9038	
500-95495-5	MW-05	Dissolved	Water	9038	
500-95495-6	MW-06	Dissolved	Water	9038	
500-95495-7	MW-07	Dissolved	Water	9038	
LCS 500-286769/4	Lab Control Sample	Total/NA	Water	9038	
MB 500-286769/3	Method Blank	Total/NA	Water	9038	

Analysis Batch: 286828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	9251	
500-95495-2	MW-02	Dissolved	Water	9251	
500-95495-2 MS	MW-02	Dissolved	Water	9251	
500-95495-2 MSD	MW-02	Dissolved	Water	9251	
500-95495-3	MW-03	Dissolved	Water	9251	
500-95495-4	MW-04	Dissolved	Water	9251	
500-95495-5	MW-05	Dissolved	Water	9251	
500-95495-6	MW-06	Dissolved	Water	9251	
500-95495-7	MW-07	Dissolved	Water	9251	
500-95495-8	MW-08	Dissolved	Water	9251	
LCS 500-286828/13	Lab Control Sample	Total/NA	Water	9251	
MB 500-286828/12	Method Blank	Total/NA	Water	9251	

General Chemistry (Continued)

Analysis Batch: 286851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-9	MW-09	Dissolved	Water	9251	
500-95495-9 MS	MW-09	Dissolved	Water	9251	
500-95495-9 MSD	MW-09	Dissolved	Water	9251	
500-95495-10	MW-10	Dissolved	Water	9251	
500-95495-11	Duplicates	Dissolved	Water	9251	
LCS 500-286851/5	Lab Control Sample	Total/NA	Water	9251	
MB 500-286851/4	Method Blank	Total/NA	Water	9251	

Analysis Batch: 286876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	Nitrate by calc	
500-95495-2	MW-02	Dissolved	Water	Nitrate by calc	
500-95495-3	MW-03	Dissolved	Water	Nitrate by calc	
500-95495-4	MW-04	Dissolved	Water	Nitrate by calc	
500-95495-5	MW-05	Dissolved	Water	Nitrate by calc	
500-95495-6	MW-06	Dissolved	Water	Nitrate by calc	
500-95495-7	MW-07	Dissolved	Water	Nitrate by calc	
500-95495-8	MW-08	Dissolved	Water	Nitrate by calc	
500-95495-9	MW-09	Dissolved	Water	Nitrate by calc	
500-95495-10	MW-10	Dissolved	Water	Nitrate by calc	
500-95495-11	Duplicates	Dissolved	Water	Nitrate by calc	

Analysis Batch: 287150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	SM 4500 NO3 F	
500-95495-2	MW-02	Dissolved	Water	SM 4500 NO3 F	
500-95495-3	MW-03	Dissolved	Water	SM 4500 NO3 F	
500-95495-4	MW-04	Dissolved	Water	SM 4500 NO3 F	
500-95495-5	MW-05	Dissolved	Water	SM 4500 NO3 F	
500-95495-6	MW-06	Dissolved	Water	SM 4500 NO3 F	
500-95495-7	MW-07	Dissolved	Water	SM 4500 NO3 F	
500-95495-8	MW-08	Dissolved	Water	SM 4500 NO3 F	
500-95495-9	MW-09	Dissolved	Water	SM 4500 NO3 F	
500-95495-10	MW-10	Dissolved	Water	SM 4500 NO3 F	
500-95495-11	Duplicates	Dissolved	Water	SM 4500 NO3 F	
LCS 500-287150/13	Lab Control Sample	Total/NA	Water	SM 4500 NO3 F	
LCS 500-287150/41	Lab Control Sample	Total/NA	Water	SM 4500 NO3 F	
MB 500-287150/12	Method Blank	Total/NA	Water	SM 4500 NO3 F	
MB 500-287150/40	Method Blank	Total/NA	Water	SM 4500 NO3 F	

Analysis Batch: 287275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-8	MW-08	Dissolved	Water	9038	
500-95495-9	MW-09	Dissolved	Water	9038	
500-95495-10	MW-10	Dissolved	Water	9038	
500-95495-11	Duplicates	Dissolved	Water	9038	
LCS 500-287275/4	Lab Control Sample	Total/NA	Water	9038	
MB 500-287275/3	Method Blank	Total/NA	Water	9038	

General Chemistry (Continued)

Analysis Batch: 287280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-95495-1	MW-01	Dissolved	Water	SM 4500 F C	
500-95495-2	MW-02	Dissolved	Water	SM 4500 F C	
500-95495-3	MW-03	Dissolved	Water	SM 4500 F C	
500-95495-4	MW-04	Dissolved	Water	SM 4500 F C	
500-95495-5	MW-05	Dissolved	Water	SM 4500 F C	
500-95495-6	MW-06	Dissolved	Water	SM 4500 F C	
500-95495-7	MW-07	Dissolved	Water	SM 4500 F C	
500-95495-8	MW-08	Dissolved	Water	SM 4500 F C	
500-95495-9	MW-09	Dissolved	Water	SM 4500 F C	
500-95495-10	MW-10	Dissolved	Water	SM 4500 F C	
500-95495-11	Duplicates	Dissolved	Water	SM 4500 F C	
LCS 500-287280/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MB 500-287280/3	Method Blank	Total/NA	Water	SM 4500 F C	

Surrogate Summary

Client: KPRG and Associates, Inc.
Project/Site: Will Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-95495-1	MW-01	105	97	103	90
500-95495-2	MW-02	99	100	92	95
500-95495-3	MW-03	98	100	91	95
500-95495-4	MW-04	94	94	97	103
500-95495-4 MS	MW-04	92	99	92	106
500-95495-4 MSD	MW-04	92	97	93	106
500-95495-5	MW-05	96	97	99	99
500-95495-6	MW-06	103	99	100	91
500-95495-7	MW-07	104	97	99	91
500-95495-8	MW-08	105	96	98	92
500-95495-9	MW-09	103	97	101	90
500-95495-10	MW-10	106	97	102	92
500-95495-11	Duplicates	106	93	101	96
500-95495-12	Trip Blank	105	97	98	92
LCS 500-287829/3	Lab Control Sample	103	99	101	94
LCS 500-287940/4	Lab Control Sample	91	101	89	99
LCS 500-287945/4	Lab Control Sample	95	98	92	104
MB 500-287829/4	Method Blank	105	98	99	94
MB 500-287940/6	Method Blank	94	112	100	93
MB 500-287945/6	Method Blank	91	95	96	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-287829/4
Matrix: Water
Analysis Batch: 287829

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/13/15 12:38	1
Toluene	<0.00050		0.00050		mg/L			05/13/15 12:38	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/13/15 12:38	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/13/15 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*05/13/15 12:38*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/13/15 12:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*05/13/15 12:38*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/13/15 12:38*	*1*

Lab Sample ID: LCS 500-287829/3
Matrix: Water
Analysis Batch: 287829

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0518		mg/L		104	75 - 120
Toluene	0.0500	0.0547		mg/L		109	75 - 120
Ethylbenzene	0.0500	0.0527		mg/L		105	75 - 120
Xylenes, Total	0.100	0.112		mg/L		112	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
Toluene-d8 (Surr)	*99*		*75 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane	*94*		*75 - 120*

Lab Sample ID: MB 500-287940/6
Matrix: Water
Analysis Batch: 287940

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 10:57	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 10:57	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 10:57	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 10:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 125*		*05/14/15 10:57*	*1*
Toluene-d8 (Surr)	*112*		*75 - 120*		*05/14/15 10:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*05/14/15 10:57*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*05/14/15 10:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-287940/4
Matrix: Water
Analysis Batch: 287940

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0450		mg/L		90	75 - 120
Toluene	0.0500	0.0478		mg/L		96	75 - 120
Ethylbenzene	0.0500	0.0496		mg/L		99	75 - 120
Xylenes, Total	0.100	0.0955		mg/L		95	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 125*
Toluene-d8 (Surr)	*101*		*75 - 120*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*
Dibromofluoromethane	*99*		*75 - 120*

Lab Sample ID: MB 500-287945/6
Matrix: Water
Analysis Batch: 287945

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00050		0.00050		mg/L			05/14/15 12:19	1
Toluene	<0.00050		0.00050		mg/L			05/14/15 12:19	1
Ethylbenzene	<0.00050		0.00050		mg/L			05/14/15 12:19	1
Xylenes, Total	<0.0010		0.0010		mg/L			05/14/15 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 125*		*05/14/15 12:19*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*05/14/15 12:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*05/14/15 12:19*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*05/14/15 12:19*	*1*

Lab Sample ID: LCS 500-287945/4
Matrix: Water
Analysis Batch: 287945

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0557		mg/L		111	75 - 120
Toluene	0.0500	0.0488		mg/L		98	75 - 120
Ethylbenzene	0.0500	0.0552		mg/L		110	75 - 120
Xylenes, Total	0.100	0.102		mg/L		102	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 125*
Toluene-d8 (Surr)	*98*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*
Dibromofluoromethane	*104*		*75 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-95495-4 MS
Matrix: Water
Analysis Batch: 287945

Client Sample ID: MW-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00050		0.0500	0.0548		mg/L		110	75 - 120
Toluene	<0.00050		0.0500	0.0509		mg/L		102	75 - 120
Ethylbenzene	<0.00050		0.0500	0.0575		mg/L		115	75 - 120
Xylenes, Total	<0.0010		0.100	0.108		mg/L		108	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 125*
Toluene-d8 (Surr)	*99*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*
Dibromofluoromethane	*106*		*75 - 120*

Lab Sample ID: 500-95495-4 MSD
Matrix: Water
Analysis Batch: 287945

Client Sample ID: MW-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00050		0.0500	0.0557		mg/L		111	75 - 120	2	20
Toluene	<0.00050		0.0500	0.0502		mg/L		100	75 - 120	1	20
Ethylbenzene	<0.00050		0.0500	0.0555		mg/L		111	75 - 120	4	20
Xylenes, Total	<0.0010		0.100	0.103		mg/L		103	75 - 120	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 125*
Toluene-d8 (Surr)	*97*		*75 - 120*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*
Dibromofluoromethane	*106*		*75 - 120*

Method: 314.0 - Perchlorate (IC)

Lab Sample ID: MB 320-73136/14
Matrix: Water
Analysis Batch: 73136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			05/04/15 19:28	1

Lab Sample ID: LCS 320-73136/15
Matrix: Water
Analysis Batch: 73136

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perchlorate	0.0500	0.0497		mg/L		99	85 - 115

Method: 314.0 - Perchlorate (IC) (Continued)

Lab Sample ID: MRL 320-73136/13
Matrix: Water
Analysis Batch: 73136

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Perchlorate	4.00	<4.0		ug/L		98	75 - 125

Lab Sample ID: 500-95495-1 MS
Matrix: Water
Analysis Batch: 73136

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perchlorate	<0.0040		0.0500	0.0456		mg/L		91	80 - 120

Lab Sample ID: 500-95495-1 MSD
Matrix: Water
Analysis Batch: 73136

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perchlorate	<0.0040		0.0500	0.0460		mg/L		92	80 - 120	1	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 500-95495-1 MS
Matrix: Water
Analysis Batch: 286776

Client Sample ID: MW-01
Prep Type: Dissolved
Prep Batch: 286713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0030		0.500	0.516		mg/L		103	75 - 125
Arsenic	<0.0010		0.100	0.123		mg/L		123	75 - 125
Barium	0.069		0.500	0.555		mg/L		97	75 - 125
Cadmium	<0.00050		0.0500	0.0518		mg/L		104	75 - 125
Chromium	<0.0050		0.200	0.190		mg/L		95	75 - 125
Cobalt	<0.0010		0.500	0.484		mg/L		97	75 - 125
Copper	<0.0020		0.250	0.247		mg/L		99	75 - 125
Iron	<0.10		1.00	0.996		mg/L		96	75 - 125
Lead	<0.00050		0.100	0.0980		mg/L		98	75 - 125
Nickel	<0.0020		0.500	0.482		mg/L		96	75 - 125
Selenium	0.0053	F1	0.100	0.145	F1	mg/L		139	75 - 125
Silver	<0.00050		0.0500	0.0441		mg/L		88	75 - 125
Thallium	<0.0020		0.100	0.110		mg/L		110	75 - 125
Vanadium	<0.0050		0.500	0.487		mg/L		97	75 - 125
Zinc	<0.020		0.500	0.551		mg/L		110	75 - 125

Lab Sample ID: 500-95495-1 MS
Matrix: Water
Analysis Batch: 287141

Client Sample ID: MW-01
Prep Type: Dissolved
Prep Batch: 286713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	<0.0010		0.0500	0.0508		mg/L		102	75 - 125
Manganese	0.011		0.500	0.482		mg/L		94	75 - 125

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

Lab Sample ID: 500-95495-1 MS — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 287234 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	0.81		1.00	1.74		mg/L		93	75 - 125

Lab Sample ID: 500-95495-1 MSD — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 286776 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.532		mg/L		106	75 - 125	3	20
Arsenic	<0.0010		0.100	0.122		mg/L		122	75 - 125	1	20
Barium	0.069		0.500	0.568		mg/L		100	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0495		mg/L		99	75 - 125	4	20
Chromium	<0.0050		0.200	0.191		mg/L		95	75 - 125	0	20
Cobalt	<0.0010		0.500	0.485		mg/L		97	75 - 125	0	20
Copper	<0.0020		0.250	0.248		mg/L		99	75 - 125	0	20
Iron	<0.10		1.00	1.00		mg/L		97	75 - 125	0	20
Lead	<0.00050		0.100	0.0984		mg/L		98	75 - 125	0	20
Nickel	<0.0020		0.500	0.484		mg/L		97	75 - 125	0	20
Selenium	0.0053	F1	0.100	0.142	F1	mg/L		136	75 - 125	2	20
Silver	<0.00050		0.0500	0.0435		mg/L		87	75 - 125	1	20
Thallium	<0.0020		0.100	0.110		mg/L		110	75 - 125	0	20
Vanadium	<0.0050		0.500	0.493		mg/L		99	75 - 125	1	20
Zinc	<0.020		0.500	0.556		mg/L		111	75 - 125	1	20

Lab Sample ID: 500-95495-1 MSD — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 287141 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Beryllium	<0.0010		0.0500	0.0514		mg/L		103	75 - 125	1	20
Manganese	0.011		0.500	0.491		mg/L		96	75 - 125	2	20

Lab Sample ID: 500-95495-1 MSD — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 287234 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	0.81		1.00	1.72		mg/L		90	75 - 125	2	20

Lab Sample ID: 500-95495-1 DU — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 286776 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.069		0.0697		mg/L		0.8	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

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

Lab Sample ID: 500-95495-1 DU — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 286776 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Copper	<0.0020		<0.0020		mg/L		NC	20
Iron	<0.10		<0.10		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Nickel	<0.0020		<0.0020		mg/L		NC	20
Selenium	0.0053	F1	0.00496		mg/L		7	20
Silver	<0.00050		<0.00050		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20
Vanadium	<0.0050		<0.0050		mg/L		NC	20
Zinc	<0.020		<0.020		mg/L		NC	20

Lab Sample ID: 500-95495-1 DU — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 287141 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Manganese	0.011		0.0108		mg/L		3	20

Lab Sample ID: 500-95495-1 DU — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 287234 — **Prep Batch: 286713**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	0.81		0.805		mg/L		0.8	20

Lab Sample ID: MB 500-286713/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 286776 — **Prep Batch: 286713**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		05/05/15 09:20	05/05/15 12:35	1
Arsenic	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:35	1
Barium	<0.0025		0.0025		mg/L		05/05/15 09:20	05/05/15 12:35	1
Cadmium	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:35	1
Chromium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:35	1
Cobalt	<0.0010		0.0010		mg/L		05/05/15 09:20	05/05/15 12:35	1
Copper	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:35	1
Iron	<0.10		0.10		mg/L		05/05/15 09:20	05/05/15 12:35	1
Lead	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:35	1
Nickel	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:35	1
Selenium	<0.0025		0.0025		mg/L		05/05/15 09:20	05/05/15 12:35	1
Silver	<0.00050		0.00050		mg/L		05/05/15 09:20	05/05/15 12:35	1
Thallium	<0.0020		0.0020		mg/L		05/05/15 09:20	05/05/15 12:35	1
Vanadium	<0.0050		0.0050		mg/L		05/05/15 09:20	05/05/15 12:35	1
Zinc	<0.020		0.020		mg/L		05/05/15 09:20	05/05/15 12:35	1

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

Lab Sample ID: MB 500-286713/1-A
Matrix: Water
Analysis Batch: 287141

Client Sample ID: Method Blank
Prep Type: Soluble
Prep Batch: 286713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010		mg/L		05/05/15 09:20	05/07/15 09:52	1
Boron	<0.050		0.050		mg/L		05/05/15 09:20	05/07/15 09:52	1
Manganese	<0.0025		0.0025		mg/L		05/05/15 09:20	05/07/15 09:52	1

Lab Sample ID: LCS 500-286713/2-A
Matrix: Water
Analysis Batch: 286776

Client Sample ID: Lab Control Sample
Prep Type: Soluble
Prep Batch: 286713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.481		mg/L		96	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.500	0.477		mg/L		95	80 - 120
Cadmium	0.0500	0.0497		mg/L		99	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Cobalt	0.500	0.493		mg/L		99	80 - 120
Copper	0.250	0.246		mg/L		98	80 - 120
Iron	1.00	0.993		mg/L		99	80 - 120
Lead	0.100	0.104		mg/L		104	80 - 120
Nickel	0.500	0.502		mg/L		100	80 - 120
Selenium	0.100	0.0986		mg/L		99	80 - 120
Silver	0.0500	0.0501		mg/L		100	80 - 120
Thallium	0.100	0.108		mg/L		108	80 - 120
Vanadium	0.500	0.474		mg/L		95	80 - 120
Zinc	0.500	0.496		mg/L		99	80 - 120

Lab Sample ID: LCS 500-286713/2-A
Matrix: Water
Analysis Batch: 287141

Client Sample ID: Lab Control Sample
Prep Type: Soluble
Prep Batch: 286713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.0500	0.0486		mg/L		97	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Manganese	0.500	0.455		mg/L		91	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-286734/12-A
Matrix: Water
Analysis Batch: 286936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/05/15 11:00	05/06/15 08:10	1

Lab Sample ID: LCS 500-286734/13-A
Matrix: Water
Analysis Batch: 286936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00200	0.00220		mg/L		110	80 - 120

Method: 9014 - Cyanide

Lab Sample ID: MB 500-286636/1-A
Matrix: Water
Analysis Batch: 286656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		05/04/15 19:20	05/04/15 21:40	1

Lab Sample ID: LCS 500-286636/2-A
Matrix: Water
Analysis Batch: 286656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286636

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

Method: 9038 - Sulfate, Turbidimetric

Lab Sample ID: MB 500-286769/3
Matrix: Water
Analysis Batch: 286769

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/05/15 12:37	1

Lab Sample ID: LCS 500-286769/4
Matrix: Water
Analysis Batch: 286769

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	18.7		mg/L		93	80 - 120

Lab Sample ID: MB 500-287275/3
Matrix: Water
Analysis Batch: 287275

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			05/08/15 08:11	1

Lab Sample ID: LCS 500-287275/4
Matrix: Water
Analysis Batch: 287275

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	20.5		mg/L		102	80 - 120

Method: 9251 - Chloride

Lab Sample ID: MB 500-286828/12
Matrix: Water
Analysis Batch: 286828

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/05/15 19:01	1

Method: 9251 - Chloride (Continued)

Lab Sample ID: LCS 500-286828/13
Matrix: Water
Analysis Batch: 286828

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.2		mg/L		104	80 - 120

Lab Sample ID: MB 500-286851/4
Matrix: Water
Analysis Batch: 286851

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			05/05/15 21:38	1

Lab Sample ID: LCS 500-286851/5
Matrix: Water
Analysis Batch: 286851

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.5		mg/L		101	80 - 120

Lab Sample ID: 500-95495-2 MS
Matrix: Water
Analysis Batch: 286828

Client Sample ID: MW-02
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	110		50.0	158		mg/L		92	75 - 125

Lab Sample ID: 500-95495-2 MSD
Matrix: Water
Analysis Batch: 286828

Client Sample ID: MW-02
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	110		50.0	156		mg/L		88	75 - 125	1	20

Lab Sample ID: 500-95495-9 MS
Matrix: Water
Analysis Batch: 286851

Client Sample ID: MW-09
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	310		50.0	329	4	mg/L		45	75 - 125

Lab Sample ID: 500-95495-9 MSD
Matrix: Water
Analysis Batch: 286851

Client Sample ID: MW-09
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	310		50.0	324	4	mg/L		36	75 - 125	1	20

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

Lab Sample ID: MB 500-286689/1
Matrix: Water
Analysis Batch: 286689

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/05/15 07:00	1

Lab Sample ID: LCS 500-286689/2
Matrix: Water
Analysis Batch: 286689

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	240		mg/L		96	80 - 120

Lab Sample ID: 500-95495-1 DU
Matrix: Water
Analysis Batch: 286689

Client Sample ID: MW-01
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	510		504		mg/L		1	5

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-287280/3
Matrix: Water
Analysis Batch: 287280

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/07/15 10:43	1

Lab Sample ID: LCS 500-287280/4
Matrix: Water
Analysis Batch: 287280

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	10.4		mg/L		104	80 - 120

Method: SM 4500 NO2 B - Nitrogen, Nitrite

Lab Sample ID: MB 500-286411/3
Matrix: Water
Analysis Batch: 286411

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			05/01/15 17:05	1

Lab Sample ID: LCS 500-286411/4
Matrix: Water
Analysis Batch: 286411

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	0.109		mg/L		109	80 - 120

Method: SM 4500 NO2 B - Nitrogen, Nitrite (Continued)

Lab Sample ID: 500-95495-1 MS
Matrix: Water
Analysis Batch: 286411

Client Sample ID: MW-01
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrite	<0.020		0.100	0.104		mg/L		99	75 - 125

Lab Sample ID: 500-95495-1 MSD
Matrix: Water
Analysis Batch: 286411

Client Sample ID: MW-01
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrogen, Nitrite	<0.020		0.100	0.107		mg/L		102	75 - 125	3	20

Method: SM 4500 NO3 F - Nitrogen, Nitrate

Lab Sample ID: MB 500-287150/12
Matrix: Water
Analysis Batch: 287150

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			05/07/15 12:12	1

Lab Sample ID: MB 500-287150/40
Matrix: Water
Analysis Batch: 287150

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			05/07/15 13:12	1

Lab Sample ID: LCS 500-287150/13
Matrix: Water
Analysis Batch: 287150

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	1.02	0.979		mg/L		96	80 - 120

Lab Sample ID: LCS 500-287150/41
Matrix: Water
Analysis Batch: 287150

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	1.02	0.956		mg/L		94	80 - 120

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

Report To:		Bill To:	
Contact:	Rich Gnat	Contact:	
Company:	KPRG & Associates Inc.	Company:	
Address:	14665 W. Lisbon Rd. Suite 2B	Address:	
	Brookfield, WI		
Phone:	262-781-0475	Phone:	
Fax:		Fax:	
Email:		PO #:	

500-95495 COC

Lab Lot # 500-95495

Package Sealed: Yes (No) — Samples Sealed: Yes (No)
Received on Ice: (Yes) No — Samples Intact: (Yes) No N/A
Temperature °C of Cooler: 2.8, 3.1, 2.6
Within Hold Time: (Yes) No — Preserv. Indicated: (Yes) No N/A
pH Check OK: (Yes) No — Res CL_2 Check OK: Yes No (N/A)
Sample Labels and COC Agree: (Yes) No — COC not present
5/1/15

Sampler Name:	Client Project #	Refrg #
Ian John Howleson	12313.3	# / Cont.
Project Name:	TestAmerica Project Number:	Volume
Will Co Station Ash Ponds	50005079	Preserv.
Project Location:	Date Required	
Romeoville, IL	Hard Copy: ___/___/___	
Lab PM: Bonnie Stadelmann	Fax: ___/___/___	

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	# OF Containers	Metals dissolved	Cl, TDS, SO4, Fl, dissolved	NO2, dissolved	NO3+NO2, dissolved	Cyanide, dissolved	BTEX	Perchlorate	Additional Analyses / Remarks
1		MW-01	4/30/2015	17:50	W	9	X	X	X	X	X	X	X	
2		MW-02	5/1/2015	13:20	W	9	X	X	X	X	X	X	X	
3		MW-03	5/1/2015	9:30	W	9	X	X	X	X	X	x	X	
4		MW-04	5/1/2015	10:40	W	9	X	X	X	X	X	X	X	
5		MW-05	5/1/2015	11:45	W	9	X	X	X	X	X	X	X	
6		MW-06	4/30/2015	9:58	W	9	X	X	X	X	X	X	X	
7		MW-07	4/30/2015	16:28	W	9	X	X	X	X	X	X	X	
8		MW-08	4/30/2015	14:45	W	9	X	X	X	X	X	x	X	
9		MW-09	4/30/2015	13:00	W	9	X	X	X	X	X	X	X	
10		MW-10	4/30/2015	11:10	W	9	X	X	X	X	X	X	X	
11		Duplicates	4/30/2015		W	9	X	X	X	X	X	X	X	
12		Trip Blank	N/A	N/A	W	2								

RELINQUISHED BY:	COMPANY:	DATE:	TIME:	RECEIVED BY:	COMPANY:	DATE:	TIME:
IJH	KPRG	5-1-15	15:10		TA	5/1/15	1510
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. H_2SO_4, Cool to 4°
3. HNO_3, 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:

PAGE 1 of 1

STL-8208 (0600) MWG13-15_50024 5/15/2015

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler	Lab PM: Stadelmann, Bonnie M	Carrier Tracking No(s)	COC No: 500-61096 1
Client Contact: Shipping/Receiving	Phone	E-Mail: bonnie.stadelmann@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc				Job #: 500-95495-1
Address: 880 Riverside Parkway,	Due Date Requested: 5/13/2015			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #			
Email	WO #			
Project Name: Will Co. Station Ash Ponds	Project #: 50005079			
Site: Ian John Howleson	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	314.0/ Perchlorate	Total Number of containers	Special Instructions/Note:
			Preservation Code:					
MW-01 (500-95495-1)	4/30/15	17.50 Central		Water		X	1	
MW-02 (500-95495-2)	5/1/15	13.20 Central		Water		X	1	
MW-03 (500-95495-3)	5/1/15	09:30 Central		Water		X	1	
MW-04 (500-95495-4)	5/1/15	10.40 Central		Water		X	1	
MW-05 (500-95495-5)	5/1/15	11.45 Central		Water		X	1	
MW-06 (500-95495-6)	4/30/15	09:58 Central		Water		X	1	
MW-07 (500-95495-7)	4/30/15	16.28 Central		Water		X	1	
MW-08 (500-95495-8)	4/30/15	14.45 Central		Water		X	1	
MW-09 (500-95495-9)	4/30/15	13.00 Central		Water		X	1	
MW-10 (500-95495-10)	4/30/15	11:10 Central		Water		X	1	
Duplicates (500-95495-11)	4/30/15	Central		Water		X	1	

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	06/01/15 1600	TAL		5-2-15 855	TAL
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No: 44927	Cooler Temperature(s) °C and Other Remarks: 1.2°C

MW-01-15_500025
5/15/2015

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-95495-1

Login Number: 95495
List Number: 1
Creator: Scott, Sherri L

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8,3.1,2.6
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.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-95495-1

Login Number: 95495
List Number: 2
Creator: Hytrek, Cheryl

List Source: TestAmerica Sacramento
List Creation: 05/02/15 11:11 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	N/A	
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	
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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	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	no headspace in 314
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
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 Co. Station Ash Ponds

TestAmerica Job ID: 500-95495-1

Laboratory: TestAmerica Chicago

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	100201	04-30-16

Laboratory: TestAmerica Sacramento

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2928-01	01-31-16
Alaska (UST)	State Program	10	UST-055	12-18-15
Arizona	State Program	9	AZ0708	08-11-15
Arkansas DEQ	State Program	6	88-0691	06-17-15
California	State Program	9	2897	01-31-16
Colorado	State Program	8	N/A	08-31-15
Connecticut	State Program	1	PH-0691	06-30-15
Florida	NELAP	4	E87570	06-30-15
Hawaii	State Program	9	N/A	01-29-16
Illinois	NELAP	5	200060	03-17-16
Kansas	NELAP	7	E-10375	10-31-15
Louisiana	NELAP	6	30612	06-30-15
Michigan	State Program	5	9947	01-31-16
Nevada	State Program	9	CA44	07-31-15
New Jersey	NELAP	2	CA005	06-30-15
New York	NELAP	2	11666	04-01-16
Oregon	NELAP	10	CA200005	01-29-16
Oregon	NELAP Secondary AB	10	E87570	06-30-15
Pennsylvania	NELAP	3	9947	03-31-16
Texas	NELAP	6	T104704399-08-TX	05-31-16
US Fish & Wildlife	Federal		LE148388-0	02-28-16
USDA	Federal		P330-11-00436	12-30-17
USEPA UCMR	Federal	1	CA00044	11-06-16
Utah	NELAP	8	QUAN1	02-28-16
Washington	State Program	10	C581	05-04-16
West Virginia (DW)	State Program	3	9930C	12-31-15
Wyoming	State Program	8	8TMS-Q	01-29-16