QUARTERLY GROUNDWATER MONITORING REPORT
WILL COUNTY GENERATING STATION

July 22, 2013

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

KPRG Project No. 12313.3

Re: Quarterly Groundwater Monitoring Results – Second Quarter 2013
Will County Generating Station – Ash Impoundments
Compliance Commitment Agreement VN W-2012-00058; ID# 6283

Dear Ms. Rhodes:

The second quarterly groundwater sampling for 2013 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 is being submitted by KPRG and Associates, Inc. (KPRG), on behalf of Midwest Generation, summarizing the results of the monitoring event.

Well Inspection and Sampling Procedures

The groundwater monitoring network around the ash ponds at this 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). Wells MW-1 through MW-9 were completed with stick-up protector casings. These wells were found in good condition with locked protector casings and the concrete surface seals were intact with the exception of well MW-4. Well MW-4 was damaged by truck traffic. Repairs were apparently attempted, however, the interior PVC well casing was still bent at approximately 5 feet below ground surface. Although a sample was able to be

collected from this well (see discussions below) further repairs will be required. This well will be repaired and resurveyed prior to the next quarterly round of sampling.

Well MW-10 was completed as a flush-mount at ground surface. The concrete anchor and protector box were in good condition, however, they were at an angle and not parallel to ground surface suggesting either some settling, frost heave or vehicular traffic may have shifted the surface completion from plumb. An inspection of the interior casing found it to be unaffected and in good condition/integrity.

Prior to initiating sampling, KPRG installed dedicated QED bladder pump sampling systems into all wells except for MW-4 (see discussion above) where the bend in the casing below ground surface did not allow for placement of the pump. Groundwater samples at well locations MW-1 through MW-3 and MW-5 through MW-10 were collected using the low-flow sampling technique. The groundwater sample at damaged well location MW-4 was collected with a 1-foot PVC bailer (longer bailers could not be lowered past the bend in the casing discussed above).

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 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. It is noted that the water level from well MW-4 was estimated due to the damaged casing (needs to be repaired and resurveyed). 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-MW-6. The data are generally consistent with previous data generated for the site. All wells for which the sampling data reports a value above one or more groundwater standards are located within the area of the proposed Groundwater Management Zone (GMZ). Midwest Generation's proposed GMZ application was submitted to IEPA on January 18, 2013 and is awaiting the Agency's approval.

If there are any questions, please contact either Maria Race of Midwest Generation at 630-771-7862 or Richard Gnat of KPRG at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Richard R Gnat

Richard R. Gnat, P.G.
Principal

Attachments

cc: William Buscher, IEPA
Maria Race, Midwest Generation
Susan Franzetti, Nijman Franzetti, LLP

FIGURES

ENVIRONMENTAL CONSULTATION & REMEDIATION

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KPRG and Associates, inc.

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14665 West Lisbon Road, Suite 28 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

SITE MAP

WILL COUNTY STATION
ROMEOVILLE, ILLINOIS

Scale: 1" = 250'	Date: July 17, 2013
KPRG Project No. 12313.3	FIGURE 1

MWG13-15_6674

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GROUNDWATER CONTOUR MAP 6/2013

WILL COUNTY STATION
ROMEOVILLE, ILLINOIS

Scale: 1" = 250' | Date: July 17, 2013

KPRG Project No. 12313.3 | FIGURE 2

MWG13-15_6675

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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-1	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
MW-2	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
MW-3	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
MW-4	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
MW-5	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
MW-6	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

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-7	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
MW-8	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
MW-9	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
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

* - Estimated value due to damaged well casing which needs to be re-surveyed.

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

Sample: MW-01	Date	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/23/2013	
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	0.0063	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0050	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
Barium	2.0	0.0025	0.046	0.0025	0.038	0.0025	0.033	0.0025	0.033	0.0025	0.039	0.0025	0.035	0.0025	0.034	0.0025	0.034	0.0025	0.035
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	0.050	1.8	0.050	1.7	0.050	1.6	0.25	1.5	0.50	2.1	0.25	1.9	0.50	1.9	0.50	1.9	0.50	2.4
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	140	10	190	10	170	10	120	10	160	10	220	10	190
Chromium	0.1	0.025	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.035	0.0050	ND
Cobalt	1.0	0.0050	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	0.0017	0.0010	ND
Copper	0.65	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0026	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	0.53	0.10	0.77	0.10	0.73	0.10	0.69	0.10	0.77	0.10	0.86	0.10	0.86 ^	0.10	0.77 ^	0.10	0.94
Iron	5.0	0.50	ND	0.10	0.11	0.10	0.11	0.10	ND	0.10	0.23	0.10	0.33	0.10	0.20	0.10	0.42	0.10	0.46
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	0.013	0.22	0.0025	0.16	0.0025	0.17	0.0025	0.16	0.0025	0.16	0.0025	0.15	0.0025	0.18	0.0025	0.17	0.0025	0.13
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	0.010	ND	0.0020	0.0029	0.0020	0.0040	0.0020	0.0042	0.0020	0.0041	0.0020	0.0043	0.0020	0.0052	0.0020	0.054	0.0020	0.0069
Nitrogen/Nitrate	10.0	0.10	0.73	0.10	0.33	0.10	1.4	0.10	2.2	0.10	0.61	0.10	0.25	0.10	1.5	0.10	1.6	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	0.73	0.10	0.37	0.10	1.4	0.20	2.2	0.10	0.61	0.10	0.25	0.10	1.5	0.10	1.6	0.10	ND
Nitrogen/Nitrite	NA	0.020	ND	0.020	0.042	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND	0.0040	ND
pH	6.5 - 9.0	NA	7.28	NA	7.57	NA	7.16	NA	7.84	NA	7.55	NA	7.70	NA	7.79	NA	8.41	NA	7.56
Selenium	0.05	0.013	ND	0.0025	0.0053	0.0025	0.0025	0.0025	0.0033	0.0025	0.0040	0.0025	ND	0.0025	ND	0.0025	0.0042	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	280	50	320	100	270	100	430	100	390	100	390	100	290	100	310	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	1100	10	760	10	770	10	910	10	950	10	790	10	880	10	930	10	1100
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.040	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	14.96	NA	21.42	NA	14.57	NA	12.34	NA	18.50	NA	22.35	NA	14.65	NA	9.90	NA	14.40
Conductivity	NA	NA	1.55	NA	1.01	NA	1.00	NA	1.06	NA	1.24	NA	1.15	NA	1.14	NA	1.16	NA	1.25
Dissolved Oxygen	NA	NA	0.07	NA	0.06	NA	0.06	NA	0.11	NA	0.13	NA	0.09	NA	0.06	NA	0.20	NA	0.50
ORP	NA	NA	49.2	NA	-306	NA	-108	NA	-63	NA	-98	NA	-128	NA	-103	NA	-112.3	NA	-157.5

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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/23/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	ND	0.0030	0.0073	0.0030	0.017	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0050	ND	0.0010	0.0080	0.0010	0.0058	0.0010	0.0048	0.0010	0.0044	0.0010	0.0071	0.0010	0.0046	0.0010	0.0037	0.0010	0.0051
Barium	2.0	0.013	0.068	0.0025	0.048	0.0025	0.048	0.0025	0.058	0.0025	0.062	0.0025	0.050	0.0025	0.051	0.0025	0.057	0.0025	0.071
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	0.050	2.3	0.050	2.3	0.050	1.7	0.25	1.7	0.50	2.0	0.25	2.2	0.50	1.8	0.50	1.7	0.50	1.9
Cadmium	0.005	0.0025	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	180	10	110	10	120	10	140	10	150	10	110	10	130	10	190	10	200
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.42	0.10	0.59	0.10	0.59	0.10	0.46	0.10	0.55	0.10	0.71	0.10	0.60 ^	0.10	0.48 ^	0.10	0.47
Iron	5.0	0.50	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	0.013	0.043	0.0025	0.036	0.0025	0.031	0.0025	0.031	0.0025	0.038	0.0025	0.029	0.0025	0.033	0.0025	0.029	0.0025	0.041
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	0.010	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
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	0.11	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	0.11	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND	0.0040	ND
pH	6.5 - 9.0	NA	8.00	NA	8.11	NA	7.80	NA	8.34	NA	8.23	NA	8.33	NA	8.40	NA	7.79	NA	8.00
Selenium	0.05	0.013	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	0.0025	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	400	50	330	50	220	50	330	100	340	50	280	50	250	50	260	50	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	900	10	720	10	650	10	810	10	850	10	690	10	710	10	740	10	890
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	15.90	NA	18.05	NA	16.14	NA	14.74	NA	16.59	NA	19.10	NA	15.58	NA	12.00	NA	15.53
Conductivity	NA	NA	1.54	NA	0.96	NA	0.83	NA	0.95	NA	1.12	NA	0.91	NA	0.88	NA	0.97	NA	1.06
Dissolved Oxygen	NA	NA	0.07	NA	0.06	NA	0.06	NA	0.02	NA	0.03	NA	0.14	NA	0.06	NA	3.81	NA	0.52
ORP	NA	NA	63	NA	-309	NA	-147	NA	-104	NA	-160	NA	-156	NA	-106	NA	189.8	NA	-117.5

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-03	Date	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/22/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0025	0.0010	0.0018	0.0010	0.0017	0.0010	0.0020	0.0010	0.0026	0.0010	0.0019	0.0010	0.0017	0.0010	0.0019
Barium	2.0	0.013	0.071	0.0025	0.079	0.0025	0.083	0.0025	0.075	0.0025	0.12	0.0025	0.085	0.0025	0.079	0.0025	0.085	0.0025	0.095
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	0.050	2.6	0.050	3.3	0.050	2.8	0.25	2.7	0.50	3.1	0.25	3.9	0.50	3.4	0.50	3.2	0.50	3.7
Cadmium	0.005	0.0025	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	100	10	130	10	100	10	95	10	88	10	96	10	100	10	87	10	110
Chromium	0.1	0.025	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	0.0050	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	0.0011
Copper	0.65	0.010	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	0.36	0.10	0.45	0.10	0.39	0.10	0.38	0.10	0.36	0.10	0.45	0.10	0.44 ^	0.10	0.38 ^	0.10	0.41
Iron	5.0	0.50	ND	0.10	0.26	0.10	0.19	0.10	0.20	0.10	0.34	0.10	0.21	0.10	0.20	0.10	0.20	0.10	0.21
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	0.013	0.34	0.0025	0.26	0.0025	0.29	0.0025	0.27	0.0025	0.37	0.0025	0.24	0.0025	0.25	0.0025	0.29	0.0025	0.22
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	0.010	ND	0.0020	0.0061	0.0020	0.0053	0.0020	0.0052	0.0020	0.0051	0.0020	0.0069	0.0020	0.0079	0.0020	0.0061	0.0020	0.0088
Nitrogen/Nitrate	10.0	0.10	0.81	0.10	ND	0.10	0.54	0.10	ND	0.10	0.18	0.10	ND	0.10	ND	0.10	0.21	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	0.81	0.10	ND	0.10	0.54	0.10	ND	0.10	0.18	0.10	ND^	0.10	ND	0.10	0.21	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND	0.0040	ND
pH	6.5 - 9.0	NA	7.01	NA	7.18	NA	6.55	NA	7.24	NA	6.79	NA	7.12	NA	7.21	NA	7.88	NA	7.21
Selenium	0.05	0.013	ND	0.0025	0.0033	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0040	0.0025	ND	0.0025	ND	0.0025	ND
Silver	0.05	0.0025	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	240	100	250	100	280	100	320	100	500	100	440	100	480	100	390	100	610
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	990	10	1000	10	930	10	1000	10	1400	10	1100	10	1100	10	1100	10	1200
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	14.19	NA	15.69	NA	13.57	NA	11.65	NA	15.47	NA	17.33	NA	13.40	NA	9.50	NA	16.15
Conductivity	NA	NA	1.46	NA	1.24	NA	1.14	NA	1.06	NA	1.48	NA	1.38	NA	1.25	NA	1.18	NA	1.39
Dissolved Oxygen	NA	NA	3.15	NA	0.02	NA	0.06	NA	0.02	NA	0.03	NA	0.02	NA	0.15	NA	3.93	NA	0.58
ORP	NA	NA	115.5	NA	-285	NA	-113	NA	-31	NA	-50	NA	-34	NA	-57	NA	60.1	NA	-65.3

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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/22/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0041	0.0010	0.0016	0.0010	0.0015	0.0010	0.0028	0.0010	0.0044	0.0020	0.0033	0.0010	0.0010	0.0010	0.0013
Barium	2.0	0.013	0.050	0.0025	0.050	0.0025	0.043	0.0025	0.036	0.0025	0.041	0.0025	0.041	0.0050	0.037	0.0025	0.033	0.0025	0.034
Beryllium	0.004	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0020	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.050	3.6	0.050	4.3	0.050	3.0	0.25	4.0	0.50	5.3	0.25	6.2	0.10	5.2	0.50	4.5	0.50	3.8
Cadmium	0.005	0.0025	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.0010	ND	0.00050	ND	0.00050	ND
Chloride	200.0	10	120	10	170	10	150	10	150	10	140	10	170	10	170	10	150	10	110
Chromium	0.1	0.025	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.010	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0050	ND	0.0010	0.0012	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0020	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0040	ND	0.0020	ND	0.0020	0.0023
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	0.48	0.10	0.53	0.10	0.55	0.10	0.50	0.10	0.62	0.10	0.68	0.10	0.63 ^	0.10	0.56 ^	0.10	0.60
Iron	5.0	0.50	0.70	0.10	1.2	0.10	0.64	0.10	0.53	0.10	0.95	0.10	0.83	0.20	1.2	0.10	0.20	0.10	ND
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.0010	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.013	0.70	0.0025	1.0	0.0025	0.62	0.0025	0.60	0.0025	0.70	0.0025	0.99	0.0050	0.62	0.0025	0.47	0.0025	0.44
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	0.010	ND	0.0020	0.0051	0.0020	0.0047	0.0020	0.0048	0.0020	0.0047	0.0020	0.0046	0.0040	0.0050	0.0020	0.0047	0.0020	0.0044
Nitrogen/Nitrate	10.0	0.10	0.19	0.10	ND	0.10	0.37	0.10	0.45	0.10	ND	0.10	ND	0.10	ND	0.10	0.69	0.10	0.42
Nitrogen/Nitrate, Nitrite	NA	0.10	0.19	0.10	ND	0.10	0.37	0.10	0.45	0.10	ND	0.10	ND^	0.10	ND	0.10	0.69	0.10	0.42
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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.02	ND	0.004	ND	0.0040	ND
pH	6.5 - 9.0	NA	7.23	NA	7.21	NA	6.58	NA	7.27	NA	7.10	NA	7.29	NA	7.34	NA	6.61	NA	7.07
Selenium	0.05	0.013	ND	0.0025	ND	0.0025	0.0086	0.0025	0.0067	0.0025	ND	0.0025	0.0026	0.0050	ND	0.0025	0.015	0.0025	0.0087
Silver	0.05	0.0025	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.0010	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	250	1600	1000	4800	500	1600	500	2000	500	2800	500	3200	500	2200	500	2000	500	1500
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	2800	25	6000	13	3100	13	3700	25	4300	17	4400	17	4000	17	3600	13	2900
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.01	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.040	ND	0.020	ND	0.020	ND
Benzene	0.005	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	13.86	NA	16.26	NA	13.65	NA	11.77	NA	16.18	NA	17.98	NA	14.14	NA	9.60	NA	13.54
Conductivity	NA	NA	3.51	NA	5.26	NA	2.99	NA	3.22	NA	4.11	NA	4.73	NA	3.85	NA	3.28	NA	2.44
Dissolved Oxygen	NA	NA	2.72	NA	0.03	NA	0.11	NA	0.16	NA	0.03	NA	0.03	NA	0.06	NA	1.88	NA	1.07
ORP	NA	NA	44.8	NA	-269	NA	-104	NA	-41	NA	-76	NA	-66	NA	-79	NA	87.2	NA	-3.9

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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		6/5/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0025	0.0010	0.0065	0.0010	0.0065	0.0010	0.0073	0.0010	0.0023	0.0010	0.0058	0.0010	0.0069	0.0010	0.0020
Barium	2.0	0.013	0.067	0.0025	0.070	0.0025	0.061	0.0025	0.053	0.0025	0.040	0.0025	0.073	0.0025	0.045	0.0025	0.050	0.0025	0.11
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	0.050	3.2	0.050	4.0	0.050	3.2	0.25	2.9	0.50	2.3	0.25	3.8	0.50	2.5	0.50	2.6	0.50	3.6
Cadmium	0.005	0.0025	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	150	10	130	10	170	10	150	10	160	10	150	10	140	10	110
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.46	0.10	0.49	0.10	0.38	0.10	0.42	0.10	0.59	0.10	0.44	0.10	0.47 ^	0.10	0.42 ^	0.10	0.30
Iron	5.0	0.50	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	0.013	0.055	0.0025	0.13	0.0025	0.038	0.0025	0.032	0.0025	0.014	0.0025	0.073	0.0025	0.023	0.0025	0.036	0.0025	0.15
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	0.010	ND	0.0020	0.0021	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0025	0.0020	0.0020	0.0020	0.0022	0.0020	0.0025
Nitrogen/Nitrate	10.0	0.10	1.1	0.10	0.11	0.10	1.0	0.10	0.11	0.10	0.24	0.10	0.11	0.10	ND	0.10	0.56	0.10	0.69
Nitrogen/Nitrate, Nitrite	NA	0.10	0.97	0.10	0.11	0.10	1.2	0.10	0.25	0.10	0.27	0.10	0.11	0.10	1.2	0.10	1.3	0.10	0.75
Nitrogen/Nitrite	NA	0.020	0.13	0.020	ND	0.020	0.17	0.020	0.14	0.020	0.031	0.020	ND	0.20	1.2	0.10	0.74	0.020	0.059
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND	0.0040	ND
pH	6.5 - 9.0	NA	7.44	NA	7.38	NA	8.20	NA	9.30	NA	9.41	NA	7.54	NA	9.37	NA	7.43	NA	7.00
Selenium	0.05	0.013	0.016	0.0025	0.0080	0.0025	0.010	0.0025	0.0059	0.0025	ND	0.0025	0.017	0.0025	0.0079	0.0025	0.010	0.0025	0.026
Silver	0.05	0.0025	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	540	130	690	100	500	100	370	100	410	100	540	100	280	100	320	250	650
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	1400	10	1500	10	1000	10	1000	10	750	10	1100	10	820	10	940	10	1600
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	0.034	0.0050	0.025	0.0050	0.010
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	14.62	NA	17.22	NA	13.19	NA	10.98	NA	16.59	NA	19.67	NA	13.41	NA	8.10	NA	14.77
Conductivity	NA	NA	1.97	NA	1.78	NA	1.10	NA	1.02	NA	1.01	NA	1.44	NA	1.05	NA	1.02	NA	1.66
Dissolved Oxygen	NA	NA	3.22	NA	0.51	NA	0.39	NA	0.21	NA	0.22	NA	0.66	NA	0.19	NA	4.84	NA	0.56
ORP	NA	NA	173.2	NA	-196	NA	-46	NA	47	NA	-1	NA	66	NA	8	NA	205.5	NA	-11.3

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-06	Date	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/22/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0031	0.0010	0.0022	0.0010	0.0022	0.0010	0.0021	0.0010	0.0026	0.0010	0.0020	0.0010	0.0019	0.0010	0.0014
Barium	2.0	0.013	0.045	0.0025	0.041	0.0025	0.053	0.0025	0.044	0.0025	0.046	0.0025	0.054	0.0025	0.051	0.0025	0.044	0.0025	0.057
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	0.050	2.4	0.050	3.0	0.050	2.5	0.25	2.5	0.50	2.9	0.25	3.0	0.50	3.0	0.50	2.7	0.50	2.8
Cadmium	0.005	0.0025	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	150	10	120	10	120	10	110	10	92	10	110	10	110	10	130	10	110
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.79	0.10	0.97	0.10	0.77	0.10	0.68	0.10	0.81	0.10	ND	0.10	0.71 ^	0.10	0.71 ^	0.10	0.65
Iron	5.0	0.50	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	0.013	0.047	0.0025	0.024	0.0025	0.038	0.0025	0.029	0.0025	0.033	0.0025	0.038	0.0025	0.034	0.0025	0.030	0.0025	0.082
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	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0022	0.0020	ND	0.0020	ND
Nitrogen/Nitrate	10.0	0.10	0.26	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.63	0.10	0.10
Nitrogen/Nitrate, Nitrite	NA	0.10	0.10	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND^	0.10	ND ^	0.10	0.82	0.10	0.20
Nitrogen/Nitrite	NA	0.020	0.16	0.020	ND	0.020	ND	0.020	ND	0.020	0.052	0.020	0.026	0.020	ND	0.040	0.19	0.020	0.099
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND ^	0.0040	ND
pH	6.5 - 9.0	NA	9.27	NA	9.44	NA	8.82	NA	9.39	NA	9.07	NA	9.17	NA	9.18	NA	8.22	NA	8.41
Selenium	0.05	0.013	ND	0.0025	0.011	0.0025	ND	0.0025	ND	0.0025	0.0034	0.0025	0.014	0.0025	0.0057	0.0025	0.0075	0.0025	0.0071
Silver	0.05	0.0025	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	570	100	420	100	440	100	380	100	450	100	550	100	360	100	370	100	360
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	870	10	880	10	900	10	770	10	890	10	820	10	840	10	880
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	0.011	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	13.63	NA	16.28	NA	14.24	NA	10.74	NA	18.03	NA	18.96	NA	14.00	NA	10.00	NA	15.89
Conductivity	NA	NA	1.69	NA	1.11	NA	1.05	NA	0.92	NA	1.04	NA	1.21	NA	0.99	NA	0.97	NA	1.19
Dissolved Oxygen	NA	NA	0.12	NA	0.06	NA	0.13	NA	3.47	NA	3.06	NA	0.01	NA	0.36	NA	3.48	NA	0.37
ORP	NA	NA	54.4	NA	-305	NA	-241	NA	-50	NA	-106	NA	-134	NA	-174	NA	175.2	NA	-14.3

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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/22/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0042	0.0010	0.0042	0.0010	0.0041	0.0010	0.0039	0.0010	0.0049	0.0010	0.0034	0.0010	0.0033	0.0010	0.0031
Barium	2.0	0.013	0.076	0.0025	0.082	0.0025	0.082	0.0025	0.069	0.0025	0.057	0.0025	0.086	0.0025	0.044	0.0025	0.041	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	1.0	5.7	0.25	3.4	0.050	5.0	0.25	5.1	0.50	5.6	0.25	5.5	0.50	5.1	0.50	4.3	0.50	2.6
Cadmium	0.005	0.0025	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	160	10	150	10	130	10	120	10	150	10	140	10	140	10	190
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.016	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	0.017	0.010	ND	0.010	0.014
Fluoride	4.0	0.10	0.71	0.10	0.82	0.10	0.86	0.10	0.76	0.10	0.83	0.10	ND	0.10	0.89 ^	0.10	0.92 ^	0.10	0.97
Iron	5.0	0.50	ND	0.10	0.37	0.10	0.50	0.10	0.57	0.10	0.60	0.10	0.51	0.10	0.62	0.10	0.47	0.10	0.21
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	0.013	0.15	0.0025	0.18	0.0025	0.20	0.0025	0.20	0.0025	0.19	0.0025	0.19	0.0025	0.19	0.0025	0.15	0.0025	0.043
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	0.010	ND	0.0020	0.0024	0.0020	0.0021	0.0020	ND	0.0020	0.0020	0.0020	ND	0.0020	ND	0.0020	ND	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	0.035	0.020	0.050	0.020	0.043	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND ^	0.0040	ND
pH	6.5 - 9.0	NA	8.13	NA	7.91	NA	7.69	NA	8.16	NA	7.92	NA	8.02	NA	7.75	NA	8.08	NA	8.14
Selenium	0.05	0.013	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0068	0.0025	ND
Silver	0.05	0.0025	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	200	1000	100	710	130	710	100	770	100	670	100	600	100	480	100	400	100	390
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	1400	10	1300	10	1400	10	1300	10	1200	10	1200	10	1000	10	1100
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	0.0055	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	14.23	NA	15.96	NA	15.17	NA	14.21	NA	15.67	NA	17.28	NA	14.37	NA	12.00	NA	14.25
Conductivity	NA	NA	2.08	NA	1.61	NA	1.55	NA	1.43	NA	1.44	NA	1.46	NA	1.33	NA	1.20	NA	1.13
Dissolved Oxygen	NA	NA	0.08	NA	0.05	NA	2.54	NA	0.02	NA	0.41	NA	0.20	NA	0.15	NA	0.17	NA	0.36
ORP	NA	NA	-135.2	NA	-301	NA	-210	NA	-189	NA	-161	NA	-171	NA	-150	NA	-219.9	NA	-155.1

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/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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/23/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	0.0082	0.0010	0.014	0.0010	0.012	0.0010	0.0066	0.0010	0.013	0.0010	0.018	0.0010	0.0088	0.0010	0.0088	0.0010	0.0072
Barium	2.0	0.013	0.085	0.0025	0.099	0.0025	0.078	0.0025	0.066	0.0025	0.074	0.0025	0.090	0.0025	0.079	0.0025	0.069	0.0025	0.079
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	0.050	1.7	0.050	2.3	0.050	1.9	0.25	1.5	0.50	2.0	0.25	2.6	0.50	2.1	0.50	1.8	0.50	1.9
Cadmium	0.005	0.0025	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	160	10	130	10	160	10	160	10	150	10	150	10	150	10	190
Chromium	0.1	0.025	ND	0.0050	ND	0.0050	ND	0.010	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0050	ND	0.0010	ND	0.0010	ND	0.0020	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0021
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	0.57	0.10	0.64	0.10	0.61	0.10	0.52	0.10	0.60	0.10	0.65	0.10	0.58 ^	0.10	0.55 ^	0.10	0.55
Iron	5.0	0.50	0.76	0.10	0.46	0.10	0.68	0.20	ND	0.10	0.58	0.10	0.66	0.10	0.50	0.10	0.43	0.10	0.68
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	0.013	0.47	0.0025	0.45	0.0025	0.40	0.0050	ND	0.0025	0.36	0.0025	0.41	0.0025	0.43	0.0025	0.33	0.0025	0.47
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	0.010	ND	0.0020	0.0034	0.0020	0.0020	0.0040	ND	0.0020	0.0022	0.0020	0.0035	0.0020	0.0033	0.0020	0.0031	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	0.23	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	0.23	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND ^	0.0040	ND
pH	6.5 - 9.0	NA	7.47	NA	7.30	NA	6.99	NA	7.61	NA	7.36	NA	7.31	NA	7.43	NA	7.87	NA	7.19
Selenium	0.05	0.013	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	0.0025	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	420	100	600	100	330	50	330	100	370	100	630	100	380	100	360	100	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	1100	10	1300	10	980	10	910	10	1000	10	1200	10	1200	10	1000	10	1100
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	13.28	NA	16.18	NA	14.05	NA	12.16	NA	15.28	NA	17.41	NA	13.82	NA	9.50	NA	13.12
Conductivity	NA	NA	1.76	NA	1.50	NA	1.13	NA	1.02	NA	1.23	NA	1.49	NA	1.27	NA	1.11	NA	1.09
Dissolved Oxygen	NA	NA	0.50	NA	0.76	NA	0.32	NA	1.15	NA	0.66	NA	0.94	NA	0.29	NA	1.35	NA	0.20
ORP	NA	NA	-62.2	NA	-207	NA	-139	NA	-54	NA	-105	NA	-60	NA	-80	NA	-94.1	NA	-111.3

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-09	Date	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/23/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	0.0052	0.0010	0.0065	0.0010	0.0078	0.0010	0.0053	0.0010	0.0056	0.0010	0.0068	0.0010	0.0060	0.0010	0.0051	0.0010	0.0047
Barium	2.0	0.013	0.025	0.0025	0.023	0.0025	0.017	0.0025	0.023	0.0025	0.022	0.0025	0.026	0.0025	0.020	0.0025	0.016	0.0025	0.025
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	0.050	1.7	0.050	2.0	0.050	1.9	0.25	1.4	1.0	1.8	0.25	2.0	0.50	1.7	0.50	1.5	0.50	1.7
Cadmium	0.005	0.0025	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	230	10	190	10	140	10	200	10	160	10	160	10	130	10	140	10	160
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.018	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.28	0.10	0.28	0.10	0.38	0.10	0.39	0.10	0.32	0.10	0.41	0.10	0.42 ^	0.10	0.43 ^	0.10	0.32
Iron	5.0	0.50	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	0.013	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0036	0.0025	ND	0.0025	ND	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	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0022	0.0020	0.0023	0.0020	0.0022	0.0020	ND
Nitrogen/Nitrate	10.0	0.10	1.1	0.10	ND	0.10	1.9	0.10	3.2	0.10	ND	0.10	ND	0.10	4.1	0.10	6.2	0.10	0.40
Nitrogen/Nitrate, Nitrite	NA	0.10	0.94	0.10	0.18	0.10	2.0	0.50	3.3	0.10	ND	0.10	ND^	0.10	4.6	1.0	6.8	0.10	1.4
Nitrogen/Nitrite	NA	0.020	0.16	0.040	0.22	0.020	0.15	0.020	0.12	0.020	0.027	0.020	0.023	0.10	0.55	0.10	0.65	0.20	1.0
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND ^	0.0040	ND
pH	6.5 - 9.0	NA	10.44	NA	10.27	NA	9.55	NA	10.56	NA	10.31	NA	10.23	NA	10.42	NA	10.39	NA	9.93
Selenium	0.05	0.013	ND	0.0025	0.0045	0.0025	0.0031	0.0025	ND	0.0025	0.0026	0.0025	0.0031	0.0025	0.0039	0.0025	0.0029	0.0025	0.0027
Silver	0.05	0.0025	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	410	50	400	50	270	50	340	100	340	100	380	50	310	50	250	50	320
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	940	10	850	10	660	10	820	10	880	10	800	10	780	10	600	10	690
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	0.031	0.0050	0.024	0.0050	0.029
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	14.55	NA	16.79	NA	15.70	NA	13.35	NA	15.35	NA	18.14	NA	14.68	NA	11.10	NA	13.62
Conductivity	NA	NA	1.52	NA	1.12	NA	0.90	NA	1.00	NA	1.06	NA	1.09	NA	0.90	NA	0.76	NA	0.83
Dissolved Oxygen	NA	NA	0.07	NA	0.03	NA	0.05	NA	0.30	NA	0.03	NA	0.06	NA	0.11	NA	0.52	NA	0.25
ORP	NA	NA	79.8	NA	-341	NA	-118	NA	-12	NA	-70	NA	-112	NA	-200	NA	-36	NA	-107.1

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/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	6/15/2011		9/15/2011		12/8/2011		3/16/2012		6/20/2012		9/24/2012		12/18/2012		3/5/2013		5/22/2013	
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.015	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	0.0050	ND	0.0010	0.0088	0.0010	0.0083	0.0010	0.0056	0.0010	0.0058	0.0010	0.0098	0.0010	0.0085	0.0010	0.0072	0.0010	0.0077
Barium	2.0	0.013	0.091	0.0025	0.11	0.0025	0.11	0.0025	0.10	0.0025	0.10	0.0025	0.097	0.0025	0.11	0.0025	0.098	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	0.050	2.2	0.050	2.8	0.050	2.5	0.25	2.1	0.50	2.1	0.25	3.2	0.50	2.7	0.50	2.7	0.50	2.7
Cadmium	0.005	0.0025	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	150	10	120	10	120	10	100	10	120	10	140	10	140	10	130	10	140
Chromium	0.1	0.025	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	0.0050	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	0.010	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	0.010	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	0.67	0.10	0.59	0.10	0.52	0.10	0.58	0.10	0.72	0.10	0.59 ^	0.10	0.57 ^	0.10	0.66
Iron	5.0	0.50	0.63	0.10	0.60	0.10	0.71	0.10	0.61	0.10	0.58	0.10	0.77	0.10	0.91	0.10	0.93	0.10	1.1
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.00050	0.00050	ND	0.00050	ND
Manganese	0.15	0.013	0.25	0.0025	0.27	0.0025	0.29	0.0025	0.25	0.0025	0.26	0.0025	0.23	0.0025	0.29	0.0025	0.29	0.0025	0.24
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	0.010	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0022	0.0020	0.0023	0.0020	0.0027	0.0020	0.0020
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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.004	ND	0.004	ND ^	0.0040	ND
pH	6.5 - 9.0	NA	7.53	NA	7.45	NA	7.10	NA	7.59	NA	7.39	NA	7.60	NA	7.47	NA	7.54	NA	7.53
Selenium	0.05	0.013	ND	0.0025	0.0032	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0059	0.0025	ND
Silver	0.05	0.0025	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	350	100	420	100	290	50	330	100	350	100	380	100	270	100	350	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	990	10	1000	10	1100	10	990	10	1000	10	970	10	1100	10	1000	10	1100
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.10	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0005	ND	0.0005	ND	0.00050	ND
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0025	ND	0.0025	ND	0.0025	ND
Temperature	NA	NA	13.34	NA	16.84	NA	14.72	NA	11.27	NA	16.14	NA	18.45	NA	14.44	NA	10.50	NA	13.44
Conductivity	NA	NA	1.51	NA	1.32	NA	1.29	NA	1.06	NA	1.26	NA	1.30	NA	1.32	NA	1.18	NA	1.21
Dissolved Oxygen	NA	NA	0.08	NA	0.05	NA	0.09	NA	0.02	NA	0.03	NA	0.01	NA	0.36	NA	0.20	NA	0.30
ORP	NA	NA	-88.7	NA	-241	NA	-177	NA	-119	NA	-124	NA	-126	NA	-120	NA	-117.4	NA	-97.8

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

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: 500-57698-1
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

Bonnie Stadelmann

Authorized for release by:
6/19/2013 5:01:29 PM

Bonnie Stadelmann, Project Manager II
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

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Job ID: 500-57698-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-57698-1

Comments
No additional comments.

Receipt
The samples were received on 6/5/2013 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperatures of the 3 coolers at receipt time were 3.9° C, 4.0° C and 4.2° C.

Except:

The Perchlorate samples were received at the Sacramento laboratory outside the required temperature criteria : 14.4 C.

6-10-2013 - Per client proceed with analysis.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No other analytical or quality issues were noted.

Field Service / Mobile Lab
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Method Summary

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

TestAmerica Job ID: 500-57698-1

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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: 500-57698-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-57698-1	MW-1	Water	06/04/13 10:10	06/05/13 16:10
500-57698-2	MW-2	Water	06/04/13 11:03	06/05/13 16:10
500-57698-3	MW-3	Water	06/04/13 11:52	06/05/13 16:10
500-57698-4	MW-4	Water	06/05/13 10:55	06/05/13 16:10
500-57698-5	MW-5	Water	06/04/13 13:35	06/05/13 16:10
500-57698-6	MW-6	Water	06/04/13 14:25	06/05/13 16:10
500-57698-7	MW-7	Water	06/04/13 16:18	06/05/13 16:10
500-57698-8	MW-8	Water	06/05/13 08:12	06/05/13 16:10
500-57698-9	MW-9	Water	06/05/13 08:51	06/05/13 16:10
500-57698-10	MW-10	Water	06/05/13 10:49	06/05/13 16:10
500-57698-11	Duplicate	Water	06/04/13 00:00	06/05/13 16:10
500-57698-12	Trip Blank	Water	06/04/13 00:00	06/05/13 16:10

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-1
Date Collected: 06/04/13 10:10
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-1
Matrix: Water

6

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			06/07/13 12:42	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 12:42	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 12:42	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 125*		*06/07/13 12:42*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/07/13 12:42*	*1*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*		*06/07/13 12:42*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*06/07/13 12:42*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 15:32	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		06/11/13 11:12	06/19/13 15:47	1
Arsenic	<0.0010		0.0010		mg/L		06/11/13 11:12	06/17/13 17:48	1
Barium	**0.035**		0.0025		mg/L		06/11/13 11:12	06/17/13 17:48	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:13	1
Boron	**2.4**		0.50		mg/L		06/11/13 11:12	06/19/13 14:11	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:48	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 17:48	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:09	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:47	1
Iron	**0.46**		0.10		mg/L		06/11/13 11:12	06/17/13 17:48	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:48	1
Manganese	**0.13**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:09	1
Nickel	**0.0069**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:09	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 17:48	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:48	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/17/13 17:48	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 17:48	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 17:48	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:10	1
Sulfate	**460**		100		mg/L			06/11/13 03:44	20
Chloride	**190**		10		mg/L			06/12/13 19:55	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1100**		10		mg/L			06/07/13 03:14	1
Fluoride	**0.94**		0.10		mg/L			06/08/13 13:03	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:45	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:34	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-2
Date Collected: 06/04/13 11:03
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-2
Matrix: Water

6

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			06/07/13 13:06	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 13:06	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 13:06	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 125*		*06/07/13 13:06*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*06/07/13 13:06*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*06/07/13 13:06*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*06/07/13 13:06*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 16:19	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		06/11/13 11:12	06/19/13 15:49	1
Arsenic	**0.0051**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:01	1
Barium	**0.071**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:01	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:18	1
Boron	**1.9**		0.50		mg/L		06/11/13 11:12	06/19/13 14:16	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:01	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:01	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:21	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:16	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:01	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:01	1
Manganese	**0.041**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:21	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:21	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 18:01	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:01	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/17/13 18:01	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:01	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:01	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:28	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:11	1
Sulfate	**250**		50		mg/L			06/11/13 03:45	10
Chloride	**200**		10		mg/L			06/12/13 19:56	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**890**		10		mg/L			06/07/13 03:16	1
Fluoride	**0.47**		0.10		mg/L			06/08/13 13:20	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:45	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:36	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-3
Date Collected: 06/04/13 11:52
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-3
Matrix: Water

6

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			06/07/13 13:30	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 13:30	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 13:30	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 125*		*06/07/13 13:30*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/07/13 13:30*	*1*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*06/07/13 13:30*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*06/07/13 13:30*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 16:34	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		06/11/13 11:12	06/19/13 15:55	1
Arsenic	**0.0019**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:04	1
Barium	**0.095**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:04	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:19	1
Boron	**3.7**		0.50		mg/L		06/11/13 11:12	06/19/13 14:17	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:04	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:04	1
Cobalt	**0.0011**		0.0010		mg/L		06/11/13 11:12	06/18/13 17:23	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:18	1
Iron	**0.21**		0.10		mg/L		06/11/13 11:12	06/17/13 18:04	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:23	1
Manganese	**0.22**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:23	1
Nickel	**0.0088**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:23	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 18:04	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:04	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:23	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:04	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:04	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:30	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:11	1
Sulfate	**610**		100		mg/L			06/11/13 03:46	20
Chloride	**110**		10		mg/L			06/12/13 20:01	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1200**		10		mg/L			06/07/13 03:18	1
Fluoride	**0.41**		0.10		mg/L			06/08/13 13:23	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:45	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:39	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-4
Date Collected: 06/05/13 10:55
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-4
Matrix: Water

6

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			06/07/13 13:54	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 13:54	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 13:54	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 125*		*06/07/13 13:54*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/07/13 13:54*	*1*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*06/07/13 13:54*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*06/07/13 13:54*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 16:50	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		06/11/13 11:12	06/19/13 15:22	1
Arsenic	**0.0013**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:12	1
Barium	**0.034**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:12	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:23	1
Boron	**3.8**		0.50		mg/L		06/11/13 11:12	06/19/13 14:21	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:12	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:12	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:31	1
Copper	**0.0023**		0.0020		mg/L		06/11/13 11:12	06/19/13 15:22	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:12	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:31	1
Manganese	**0.44**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:31	1
Nickel	**0.0044**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:31	1
Selenium	**0.0087**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:12	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:12	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:31	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:12	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:12	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:12	1
Sulfate	**1500**		500		mg/L			06/11/13 03:47	100
Chloride	**110**		10		mg/L			06/12/13 20:02	5
Nitrogen, Nitrate	**0.42**		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**2900**		13		mg/L			06/07/13 03:21	1
Fluoride	**0.60**		0.10		mg/L			06/08/13 13:26	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:46	1
Nitrogen, Nitrate Nitrite	**0.42**		0.10		mg/L			06/12/13 12:41	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-5
Date Collected: 06/04/13 13:35
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-5
Matrix: Water

6

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			06/07/13 14:18	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 14:18	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 14:18	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 125*		*06/07/13 14:18*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*06/07/13 14:18*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*06/07/13 14:18*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*06/07/13 14:18*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 17:05	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		06/11/13 11:12	06/19/13 15:23	1
Arsenic	**0.0020**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:15	1
Barium	**0.11**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:15	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:24	1
Boron	**3.6**		0.50		mg/L		06/11/13 11:12	06/19/13 14:22	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:15	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:15	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:33	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:23	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:15	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:33	1
Manganese	**0.15**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:33	1
Nickel	**0.0025**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:33	1
Selenium	**0.026**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:15	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:15	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:33	1
Vanadium	**0.010**		0.0050		mg/L		06/11/13 11:12	06/17/13 18:15	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:33	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:12	1
Sulfate	**650**		250		mg/L			06/13/13 06:36	50
Chloride	**110**		10		mg/L			06/12/13 20:02	5
Nitrogen, Nitrate	**0.69**		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1600**		10		mg/L			06/07/13 03:23	1
Fluoride	**0.30**		0.10		mg/L			06/08/13 13:28	1
Nitrogen, Nitrite	**0.059**		0.020		mg/L			06/06/13 09:46	1
Nitrogen, Nitrate Nitrite	**0.75**		0.10		mg/L			06/12/13 12:43	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-6
Date Collected: 06/04/13 14:25
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-6
Matrix: Water

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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			06/07/13 14:42	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 14:42	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 14:42	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 125*		*06/07/13 14:42*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*06/07/13 14:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*06/07/13 14:42*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*06/07/13 14:42*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 17:20	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		06/11/13 11:12	06/19/13 15:24	1
Arsenic	**0.0014**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:17	1
Barium	**0.057**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:17	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:25	1
Boron	**2.8**		0.50		mg/L		06/11/13 11:12	06/19/13 14:23	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:17	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:17	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:36	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:24	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:17	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:36	1
Manganese	**0.082**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:36	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:36	1
Selenium	**0.0071**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:17	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:17	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:36	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:17	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:17	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:12	1
Sulfate	**360**		100		mg/L			06/13/13 06:37	20
Chloride	**110**		10		mg/L			06/12/13 20:03	5
Nitrogen, Nitrate	**0.10**		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**880**		10		mg/L			06/07/13 03:26	1
Fluoride	**0.65**		0.10		mg/L			06/08/13 13:40	1
Nitrogen, Nitrite	**0.099**		0.020		mg/L			06/06/13 09:47	1
Nitrogen, Nitrate Nitrite	**0.20**		0.10		mg/L			06/12/13 12:45	1

Client Sample ID: MW-7
Date Collected: 06/04/13 16:18
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-7
Matrix: Water

6

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			06/07/13 15:06	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 15:06	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 15:06	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 125*		*06/07/13 15:06*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/07/13 15:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*06/07/13 15:06*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*06/07/13 15:06*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 17:36	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		06/11/13 11:12	06/19/13 15:26	1
Arsenic	**0.0031**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:20	1
Barium	**0.048**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:20	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:26	1
Boron	**2.6**		0.50		mg/L		06/11/13 11:12	06/19/13 14:24	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:20	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:20	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:38	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:26	1
Iron	**0.21**		0.10		mg/L		06/11/13 11:12	06/17/13 18:20	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:38	1
Manganese	**0.043**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:38	1
Nickel	**0.0036**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:38	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 18:20	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:20	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:38	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:20	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:37	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.014**		0.010		mg/L		06/06/13 12:35	06/06/13 15:13	1
Sulfate	**390**		100		mg/L			06/13/13 06:38	20
Chloride	**190**		10		mg/L			06/12/13 20:03	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1100**		10		mg/L			06/07/13 03:28	1
Fluoride	**0.97**		0.10		mg/L			06/08/13 13:43	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:47	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:46	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-8
Date Collected: 06/05/13 08:12
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-8
Matrix: Water

6

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			06/07/13 15:30	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 15:30	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 15:30	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*75 - 125*		*06/07/13 15:30*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/07/13 15:30*	*1*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*06/07/13 15:30*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*06/07/13 15:30*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 17:51	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		06/11/13 11:12	06/19/13 15:27	1
Arsenic	**0.0072**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:23	1
Barium	**0.079**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:23	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:27	1
Boron	**1.9**		0.50		mg/L		06/11/13 11:12	06/19/13 14:25	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:23	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:23	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:40	1
Copper	**0.0021**		0.0020		mg/L		06/11/13 11:12	06/19/13 15:27	1
Iron	**0.68**		0.10		mg/L		06/11/13 11:12	06/17/13 18:23	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:40	1
Manganese	**0.47**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:40	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:40	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 18:23	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:23	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:40	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:23	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:39	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/07/13 10:00	06/07/13 15:49	1
Sulfate	**270**		100		mg/L			06/13/13 06:39	20
Chloride	**190**		10		mg/L			06/12/13 20:04	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1100**		10		mg/L			06/07/13 03:31	1
Fluoride	**0.55**		0.10		mg/L			06/08/13 13:45	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:48	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:47	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-9
Date Collected: 06/05/13 08:51
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-9
Matrix: Water

6

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			06/07/13 15:54	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 15:54	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 15:54	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 125*		*06/07/13 15:54*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/07/13 15:54*	*1*
4-Bromofluorobenzene (Surr)	*106*		*75 - 120*		*06/07/13 15:54*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*06/07/13 15:54*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 18:07	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		06/11/13 11:12	06/19/13 15:28	1
Arsenic	**0.0047**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:25	1
Barium	**0.025**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:25	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:28	1
Boron	**1.7**		0.50		mg/L		06/11/13 11:12	06/19/13 14:26	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:25	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:25	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:43	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:28	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:25	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:43	1
Manganese	<0.0025		0.0025		mg/L		06/11/13 11:12	06/18/13 17:43	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:43	1
Selenium	**0.0027**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:25	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:25	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:43	1
Vanadium	**0.029**		0.0050		mg/L		06/11/13 11:12	06/17/13 18:25	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:41	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/07/13 10:00	06/07/13 15:49	1
Sulfate	**320**		50		mg/L			06/13/13 06:40	10
Chloride	**160**		10		mg/L			06/12/13 20:04	5
Nitrogen, Nitrate	**0.40**		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**690**		10		mg/L			06/07/13 03:33	1
Fluoride	**0.32**		0.10		mg/L			06/08/13 13:48	1
Nitrogen, Nitrite	**1.0**		0.20		mg/L			06/06/13 09:48	10
Nitrogen, Nitrate Nitrite	**1.4**		0.10		mg/L			06/12/13 12:50	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: MW-10
Date Collected: 06/05/13 10:49
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-10
Matrix: Water

6

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			06/07/13 16:18	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 16:18	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 16:18	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*75 - 125*		*06/07/13 16:18*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/07/13 16:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*06/07/13 16:18*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*06/07/13 16:18*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 18:22	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		06/11/13 11:12	06/19/13 15:30	1
Arsenic	**0.0077**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:28	1
Barium	**0.10**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:28	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:29	1
Boron	**2.7**		0.50		mg/L		06/11/13 11:12	06/19/13 14:27	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:28	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:28	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:45	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:30	1
Iron	**1.1**		0.10		mg/L		06/11/13 11:12	06/17/13 18:28	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/18/13 17:45	1
Manganese	**0.24**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:45	1
Nickel	**0.0020**		0.0020		mg/L		06/11/13 11:12	06/18/13 17:45	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 18:28	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:28	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:45	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:28	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:28	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/07/13 10:00	06/07/13 15:50	1
Sulfate	**350**		50		mg/L			06/13/13 06:43	10
Chloride	**140**		10		mg/L			06/12/13 20:05	5
Nitrogen, Nitrate	<0.10		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**1100**		10		mg/L			06/07/13 03:35	1
Fluoride	**0.66**		0.10		mg/L			06/08/13 13:51	1
Nitrogen, Nitrite	<0.020		0.020		mg/L			06/06/13 09:48	1
Nitrogen, Nitrate Nitrite	<0.10		0.10		mg/L			06/12/13 12:50	1

Client Sample ID: Duplicate
Date Collected: 06/04/13 00:00
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-11
Matrix: Water

6

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			06/07/13 16:42	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 16:42	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 16:42	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 125*		*06/07/13 16:42*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/07/13 16:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*06/07/13 16:42*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*06/07/13 16:42*	*1*

Method: 314.0 - Perchlorate (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.0040		0.0040		mg/L			06/14/13 18:37	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		06/11/13 11:12	06/19/13 15:31	1
Arsenic	**0.0014**		0.0010		mg/L		06/11/13 11:12	06/17/13 18:30	1
Barium	**0.052**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:30	1
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:30	1
Boron	**2.7**		0.50		mg/L		06/11/13 11:12	06/19/13 14:28	10
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:30	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:30	1
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:48	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:31	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 18:30	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:30	1
Manganese	**0.079**		0.0025		mg/L		06/11/13 11:12	06/18/13 17:48	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:48	1
Selenium	**0.0066**		0.0025		mg/L		06/11/13 11:12	06/17/13 18:30	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 18:30	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/17/13 18:30	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 18:30	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 18:30	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/07/13 10:00	06/07/13 15:50	1
Sulfate	**360**		100		mg/L			06/13/13 06:44	20
Chloride	**110**		10		mg/L			06/12/13 20:07	5
Nitrogen, Nitrate	**0.14**		0.10		mg/L			06/13/13 08:30	1
Total Dissolved Solids	**850**		10		mg/L			06/07/13 03:38	1
Fluoride	**0.65**		0.10		mg/L			06/08/13 13:54	1
Nitrogen, Nitrite	**0.10**		0.020		mg/L			06/06/13 09:49	1
Nitrogen, Nitrate Nitrite	**0.24**		0.10		mg/L			06/12/13 14:50	1

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

TestAmerica Job ID: 500-57698-1

Client Sample ID: Trip Blank
Date Collected: 06/04/13 00:00
Date Received: 06/05/13 16:10

Lab Sample ID: 500-57698-12
Matrix: Water

6

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			06/07/13 17:06	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 17:06	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 17:06	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*75 - 125*		*06/07/13 17:06*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*06/07/13 17:06*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*06/07/13 17:06*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*06/07/13 17:06*	*1*

Qualifiers

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
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: 188930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Total/NA	Water	8260B	
500-57698-2	MW-2	Total/NA	Water	8260B	
500-57698-3	MW-3	Total/NA	Water	8260B	
500-57698-4	MW-4	Total/NA	Water	8260B	
500-57698-5	MW-5	Total/NA	Water	8260B	
500-57698-6	MW-6	Total/NA	Water	8260B	
500-57698-7	MW-7	Total/NA	Water	8260B	
500-57698-8	MW-8	Total/NA	Water	8260B	
500-57698-9	MW-9	Total/NA	Water	8260B	
500-57698-10	MW-10	Total/NA	Water	8260B	
500-57698-11	Duplicate	Total/NA	Water	8260B	
500-57698-12	Trip Blank	Total/NA	Water	8260B	
LCS 500-188930/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-188930/6	Method Blank	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 18565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Total/NA	Water	314.0	
500-57698-2	MW-2	Total/NA	Water	314.0	
500-57698-3	MW-3	Total/NA	Water	314.0	
500-57698-4	MW-4	Total/NA	Water	314.0	
500-57698-5	MW-5	Total/NA	Water	314.0	
500-57698-6	MW-6	Total/NA	Water	314.0	
500-57698-7	MW-7	Total/NA	Water	314.0	
500-57698-8	MW-8	Total/NA	Water	314.0	
500-57698-9	MW-9	Total/NA	Water	314.0	
500-57698-10	MW-10	Total/NA	Water	314.0	
500-57698-11	Duplicate	Total/NA	Water	314.0	
LCS 320-18565/8	Lab Control Sample	Total/NA	Water	314.0	
MB 320-18565/7	Method Blank	Total/NA	Water	314.0	
MRL 320-18565/6 MRL	Lab Control Sample	Total/NA	Water	314.0	

Metals

Prep Batch: 188997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	7470A	
500-57698-2	MW-2	Dissolved	Water	7470A	
500-57698-3	MW-3	Dissolved	Water	7470A	
500-57698-4	MW-4	Dissolved	Water	7470A	
500-57698-5	MW-5	Dissolved	Water	7470A	
500-57698-6	MW-6	Dissolved	Water	7470A	
500-57698-7	MW-7	Dissolved	Water	7470A	
500-57698-8	MW-8	Dissolved	Water	7470A	
500-57698-9	MW-9	Dissolved	Water	7470A	
500-57698-10	MW-10	Dissolved	Water	7470A	
500-57698-11	Duplicate	Dissolved	Water	7470A	
LCS 500-188997/8-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 188997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-188997/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 189208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	7470A	188997
500-57698-2	MW-2	Dissolved	Water	7470A	188997
500-57698-3	MW-3	Dissolved	Water	7470A	188997
500-57698-4	MW-4	Dissolved	Water	7470A	188997
500-57698-5	MW-5	Dissolved	Water	7470A	188997
500-57698-6	MW-6	Dissolved	Water	7470A	188997
500-57698-7	MW-7	Dissolved	Water	7470A	188997
500-57698-8	MW-8	Dissolved	Water	7470A	188997
500-57698-9	MW-9	Dissolved	Water	7470A	188997
500-57698-10	MW-10	Dissolved	Water	7470A	188997
500-57698-11	Duplicate	Dissolved	Water	7470A	188997
LCS 500-188997/8-A	Lab Control Sample	Total/NA	Water	7470A	188997
MB 500-188997/7-A	Method Blank	Total/NA	Water	7470A	188997

Prep Batch: 189340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	Soluble Metals	
500-57698-1 DU	MW-1	Dissolved	Water	Soluble Metals	
500-57698-1 MS	MW-1	Dissolved	Water	Soluble Metals	
500-57698-1 MSD	MW-1	Dissolved	Water	Soluble Metals	
500-57698-2	MW-2	Dissolved	Water	Soluble Metals	
500-57698-3	MW-3	Dissolved	Water	Soluble Metals	
500-57698-4	MW-4	Dissolved	Water	Soluble Metals	
500-57698-5	MW-5	Dissolved	Water	Soluble Metals	
500-57698-6	MW-6	Dissolved	Water	Soluble Metals	
500-57698-7	MW-7	Dissolved	Water	Soluble Metals	
500-57698-8	MW-8	Dissolved	Water	Soluble Metals	
500-57698-9	MW-9	Dissolved	Water	Soluble Metals	
500-57698-10	MW-10	Dissolved	Water	Soluble Metals	
500-57698-11	Duplicate	Dissolved	Water	Soluble Metals	
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	Soluble Metals	
MB 500-189340/1-A	Method Blank	Soluble	Water	Soluble Metals	

Analysis Batch: 190127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	6020A	189340
500-57698-1 DU	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MS	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MSD	MW-1	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-4	MW-4	Dissolved	Water	6020A	189340
500-57698-5	MW-5	Dissolved	Water	6020A	189340
500-57698-6	MW-6	Dissolved	Water	6020A	189340
500-57698-7	MW-7	Dissolved	Water	6020A	189340
500-57698-8	MW-8	Dissolved	Water	6020A	189340
500-57698-9	MW-9	Dissolved	Water	6020A	189340

Metals (Continued)

Analysis Batch: 190127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-10	MW-10	Dissolved	Water	6020A	189340
500-57698-11	Duplicate	Dissolved	Water	6020A	189340
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	6020A	189340
MB 500-189340/1-A	Method Blank	Soluble	Water	6020A	189340

Analysis Batch: 190280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	6020A	189340
500-57698-1 DU	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MS	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MSD	MW-1	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-4	MW-4	Dissolved	Water	6020A	189340
500-57698-5	MW-5	Dissolved	Water	6020A	189340
500-57698-6	MW-6	Dissolved	Water	6020A	189340
500-57698-7	MW-7	Dissolved	Water	6020A	189340
500-57698-8	MW-8	Dissolved	Water	6020A	189340
500-57698-9	MW-9	Dissolved	Water	6020A	189340
500-57698-10	MW-10	Dissolved	Water	6020A	189340
500-57698-11	Duplicate	Dissolved	Water	6020A	189340
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	6020A	189340
MB 500-189340/1-A	Method Blank	Soluble	Water	6020A	189340

Analysis Batch: 190369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	6020A	189340
500-57698-1	MW-1	Dissolved	Water	6020A	189340
500-57698-1 DU	MW-1	Dissolved	Water	6020A	189340
500-57698-1 DU	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MS	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MS	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MSD	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MSD	MW-1	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-4	MW-4	Dissolved	Water	6020A	189340
500-57698-4	MW-4	Dissolved	Water	6020A	189340
500-57698-5	MW-5	Dissolved	Water	6020A	189340
500-57698-5	MW-5	Dissolved	Water	6020A	189340
500-57698-6	MW-6	Dissolved	Water	6020A	189340
500-57698-6	MW-6	Dissolved	Water	6020A	189340
500-57698-7	MW-7	Dissolved	Water	6020A	189340
500-57698-7	MW-7	Dissolved	Water	6020A	189340
500-57698-8	MW-8	Dissolved	Water	6020A	189340
500-57698-8	MW-8	Dissolved	Water	6020A	189340
500-57698-9	MW-9	Dissolved	Water	6020A	189340
500-57698-9	MW-9	Dissolved	Water	6020A	189340
500-57698-10	MW-10	Dissolved	Water	6020A	189340

Metals (Continued)

Analysis Batch: 190369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-10	MW-10	Dissolved	Water	6020A	189340
500-57698-11	Duplicate	Dissolved	Water	6020A	189340
500-57698-11	Duplicate	Dissolved	Water	6020A	189340
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	6020A	189340
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	6020A	189340
MB 500-189340/1-A	Method Blank	Soluble	Water	6020A	189340
MB 500-189340/1-A	Method Blank	Soluble	Water	6020A	189340

Analysis Batch: 190377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	6020A	189340
500-57698-1 DU	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MS	MW-1	Dissolved	Water	6020A	189340
500-57698-1 MSD	MW-1	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-2	MW-2	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-3	MW-3	Dissolved	Water	6020A	189340
500-57698-4	MW-4	Dissolved	Water	6020A	189340
500-57698-5	MW-5	Dissolved	Water	6020A	189340
500-57698-6	MW-6	Dissolved	Water	6020A	189340
500-57698-7	MW-7	Dissolved	Water	6020A	189340
500-57698-8	MW-8	Dissolved	Water	6020A	189340
500-57698-9	MW-9	Dissolved	Water	6020A	189340
500-57698-10	MW-10	Dissolved	Water	6020A	189340
500-57698-11	Duplicate	Dissolved	Water	6020A	189340
LCS 500-189340/2-A	Lab Control Sample	Soluble	Water	6020A	189340
MB 500-189340/1-A	Method Blank	Soluble	Water	6020A	189340

General Chemistry

Prep Batch: 188817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	9010B	
500-57698-2	MW-2	Dissolved	Water	9010B	
500-57698-3	MW-3	Dissolved	Water	9010B	
500-57698-4	MW-4	Dissolved	Water	9010B	
500-57698-5	MW-5	Dissolved	Water	9010B	
500-57698-6	MW-6	Dissolved	Water	9010B	
500-57698-7	MW-7	Dissolved	Water	9010B	
500-57698-7 MS	MW-7	Dissolved	Water	9010B	
500-57698-7 MSD	MW-7	Dissolved	Water	9010B	
LCS 500-188817/11-A	Lab Control Sample	Total/NA	Water	9010B	
MB 500-188817/10-A	Method Blank	Total/NA	Water	9010B	

Analysis Batch: 188893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	9014	188817
500-57698-2	MW-2	Dissolved	Water	9014	188817
500-57698-3	MW-3	Dissolved	Water	9014	188817

General Chemistry (Continued)

Analysis Batch: 188893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-4	MW-4	Dissolved	Water	9014	188817
500-57698-5	MW-5	Dissolved	Water	9014	188817
500-57698-6	MW-6	Dissolved	Water	9014	188817
500-57698-7	MW-7	Dissolved	Water	9014	188817
500-57698-7 MS	MW-7	Dissolved	Water	9014	188817
500-57698-7 MSD	MW-7	Dissolved	Water	9014	188817
LCS 500-188817/11-A	Lab Control Sample	Total/NA	Water	9014	188817
MB 500-188817/10-A	Method Blank	Total/NA	Water	9014	188817

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Analysis Batch: 188904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	SM 2540C	
500-57698-2	MW-2	Dissolved	Water	SM 2540C	
500-57698-3	MW-3	Dissolved	Water	SM 2540C	
500-57698-4	MW-4	Dissolved	Water	SM 2540C	
500-57698-5	MW-5	Dissolved	Water	SM 2540C	
500-57698-6	MW-6	Dissolved	Water	SM 2540C	
500-57698-7	MW-7	Dissolved	Water	SM 2540C	
500-57698-8	MW-8	Dissolved	Water	SM 2540C	
500-57698-9	MW-9	Dissolved	Water	SM 2540C	
500-57698-10	MW-10	Dissolved	Water	SM 2540C	
500-57698-11	Duplicate	Dissolved	Water	SM 2540C	
LCS 500-188904/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 500-188904/1	Method Blank	Total/NA	Water	SM 2540C	

Prep Batch: 188966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-8	MW-8	Dissolved	Water	9010B	
500-57698-9	MW-9	Dissolved	Water	9010B	
500-57698-10	MW-10	Dissolved	Water	9010B	
500-57698-11	Duplicate	Dissolved	Water	9010B	
LCS 500-188966/2-A	Lab Control Sample	Total/NA	Water	9010B	
MB 500-188966/1-A	Method Blank	Total/NA	Water	9010B	

Analysis Batch: 189050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-8	MW-8	Dissolved	Water	9014	188966
500-57698-9	MW-9	Dissolved	Water	9014	188966
500-57698-10	MW-10	Dissolved	Water	9014	188966
500-57698-11	Duplicate	Dissolved	Water	9014	188966
LCS 500-188966/2-A	Lab Control Sample	Total/NA	Water	9014	188966
MB 500-188966/1-A	Method Blank	Total/NA	Water	9014	188966

Analysis Batch: 189052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	SM 4500 NO2 B	
500-57698-2	MW-2	Dissolved	Water	SM 4500 NO2 B	
500-57698-3	MW-3	Dissolved	Water	SM 4500 NO2 B	
500-57698-4	MW-4	Dissolved	Water	SM 4500 NO2 B	
500-57698-5	MW-5	Dissolved	Water	SM 4500 NO2 B	
500-57698-6	MW-6	Dissolved	Water	SM 4500 NO2 B	

General Chemistry (Continued)

Analysis Batch: 189052 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-7	MW-7	Dissolved	Water	SM 4500 NO2 B	
500-57698-8	MW-8	Dissolved	Water	SM 4500 NO2 B	
500-57698-9	MW-9	Dissolved	Water	SM 4500 NO2 B	
500-57698-10	MW-10	Dissolved	Water	SM 4500 NO2 B	
500-57698-11	Duplicate	Dissolved	Water	SM 4500 NO2 B	
LCS 500-189052/4	Lab Control Sample	Total/NA	Water	SM 4500 NO2 B	
MB 500-189052/3	Method Blank	Total/NA	Water	SM 4500 NO2 B	

Analysis Batch: 189185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	SM 4500 F C	
500-57698-1 MS	MW-1	Dissolved	Water	SM 4500 F C	
500-57698-1 MSD	MW-1	Dissolved	Water	SM 4500 F C	
500-57698-2	MW-2	Dissolved	Water	SM 4500 F C	
500-57698-3	MW-3	Dissolved	Water	SM 4500 F C	
500-57698-4	MW-4	Dissolved	Water	SM 4500 F C	
500-57698-5	MW-5	Dissolved	Water	SM 4500 F C	
500-57698-6	MW-6	Dissolved	Water	SM 4500 F C	
500-57698-7	MW-7	Dissolved	Water	SM 4500 F C	
500-57698-8	MW-8	Dissolved	Water	SM 4500 F C	
500-57698-9	MW-9	Dissolved	Water	SM 4500 F C	
500-57698-10	MW-10	Dissolved	Water	SM 4500 F C	
500-57698-11	Duplicate	Dissolved	Water	SM 4500 F C	
LCS 500-189185/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-189185/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MB 500-189185/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-189185/31	Method Blank	Total/NA	Water	SM 4500 F C	

Analysis Batch: 189288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	9038	
500-57698-2	MW-2	Dissolved	Water	9038	
500-57698-3	MW-3	Dissolved	Water	9038	
500-57698-4	MW-4	Dissolved	Water	9038	
LCS 500-189288/4	Lab Control Sample	Total/NA	Water	9038	
MB 500-189288/3	Method Blank	Total/NA	Water	9038	

Analysis Batch: 189564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	SM 4500 NO3 F	
500-57698-2	MW-2	Dissolved	Water	SM 4500 NO3 F	
500-57698-3	MW-3	Dissolved	Water	SM 4500 NO3 F	
500-57698-4	MW-4	Dissolved	Water	SM 4500 NO3 F	
500-57698-5	MW-5	Dissolved	Water	SM 4500 NO3 F	
500-57698-6	MW-6	Dissolved	Water	SM 4500 NO3 F	
500-57698-7	MW-7	Dissolved	Water	SM 4500 NO3 F	
500-57698-8	MW-8	Dissolved	Water	SM 4500 NO3 F	
500-57698-9	MW-9	Dissolved	Water	SM 4500 NO3 F	
500-57698-10	MW-10	Dissolved	Water	SM 4500 NO3 F	
500-57698-10 MS	MW-10	Dissolved	Water	SM 4500 NO3 F	
500-57698-10 MSD	MW-10	Dissolved	Water	SM 4500 NO3 F	

General Chemistry (Continued)

Analysis Batch: 189564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-189564/37	Lab Control Sample	Total/NA	Water	SM 4500 NO3 F	
MB 500-189564/36	Method Blank	Total/NA	Water	SM 4500 NO3 F	

Analysis Batch: 189576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	9251	
500-57698-2	MW-2	Dissolved	Water	9251	
500-57698-2 MS	MW-2	Dissolved	Water	9251	
500-57698-2 MSD	MW-2	Dissolved	Water	9251	
500-57698-3	MW-3	Dissolved	Water	9251	
500-57698-4	MW-4	Dissolved	Water	9251	
500-57698-5	MW-5	Dissolved	Water	9251	
500-57698-6	MW-6	Dissolved	Water	9251	
500-57698-7	MW-7	Dissolved	Water	9251	
500-57698-8	MW-8	Dissolved	Water	9251	
500-57698-9	MW-9	Dissolved	Water	9251	
500-57698-10	MW-10	Dissolved	Water	9251	
500-57698-11	Duplicate	Dissolved	Water	9251	
LCS 500-189576/43	Lab Control Sample	Total/NA	Water	9251	
MB 500-189576/42	Method Blank	Total/NA	Water	9251	

Analysis Batch: 189608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-1	MW-1	Dissolved	Water	Nitrate by calc	
500-57698-2	MW-2	Dissolved	Water	Nitrate by calc	
500-57698-3	MW-3	Dissolved	Water	Nitrate by calc	
500-57698-4	MW-4	Dissolved	Water	Nitrate by calc	
500-57698-5	MW-5	Dissolved	Water	Nitrate by calc	
500-57698-6	MW-6	Dissolved	Water	Nitrate by calc	
500-57698-7	MW-7	Dissolved	Water	Nitrate by calc	
500-57698-8	MW-8	Dissolved	Water	Nitrate by calc	
500-57698-9	MW-9	Dissolved	Water	Nitrate by calc	
500-57698-10	MW-10	Dissolved	Water	Nitrate by calc	
500-57698-11	Duplicate	Dissolved	Water	Nitrate by calc	

Analysis Batch: 189729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-5	MW-5	Dissolved	Water	9038	
500-57698-6	MW-6	Dissolved	Water	9038	
500-57698-7	MW-7	Dissolved	Water	9038	
500-57698-8	MW-8	Dissolved	Water	9038	
500-57698-9	MW-9	Dissolved	Water	9038	
500-57698-10	MW-10	Dissolved	Water	9038	
500-57698-11	Duplicate	Dissolved	Water	9038	
LCS 500-189729/4	Lab Control Sample	Total/NA	Water	9038	
MB 500-189729/3	Method Blank	Total/NA	Water	9038	

Analysis Batch: 189826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-57698-11	Duplicate	Dissolved	Water	SM 4500 NO3 F	
LCS 500-189826/5	Lab Control Sample	Total/NA	Water	SM 4500 NO3 F	

General Chemistry (Continued)

Analysis Batch: 189826 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-189826/4	Method Blank	Total/NA	Water	SM 4500 NO3 F	

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Surrogate Summary

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

TestAmerica Job ID: 500-57698-1

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)
500-57698-1	MW-1	118	100	107	104
500-57698-2	MW-2	114	101	105	103
500-57698-3	MW-3	115	100	104	104
500-57698-4	MW-4	118	100	104	104
500-57698-5	MW-5	116	101	102	104
500-57698-6	MW-6	119	101	103	103
500-57698-7	MW-7	117	98	102	103
500-57698-8	MW-8	122	98	104	106
500-57698-9	MW-9	119	97	106	105
500-57698-10	MW-10	122	99	103	107
500-57698-11	Duplicate	115	99	103	103
500-57698-12	Trip Blank	123	103	105	105
LCS 500-188930/4	Lab Control Sample	113	98	108	99
MB 500-188930/6	Method Blank	113	98	107	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

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

Lab Sample ID: MB 500-188930/6
Matrix: Water
Analysis Batch: 188930

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			06/07/13 10:42	1
Toluene	<0.00050		0.00050		mg/L			06/07/13 10:42	1
Ethylbenzene	<0.00050		0.00050		mg/L			06/07/13 10:42	1
Xylenes, Total	<0.0010		0.0010		mg/L			06/07/13 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*		*06/07/13 10:42*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/07/13 10:42*	*1*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*		*06/07/13 10:42*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*06/07/13 10:42*	*1*

Lab Sample ID: LCS 500-188930/4
Matrix: Water
Analysis Batch: 188930

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	0.0439		mg/L		88	70 - 120
Toluene	0.0500	0.0491		mg/L		98	70 - 120
Ethylbenzene	0.0500	0.0513		mg/L		103	75 - 120
Xylenes, Total	0.100	0.117		mg/L		117	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*
Toluene-d8 (Surr)	*98*		*75 - 120*
4-Bromofluorobenzene (Surr)	*108*		*75 - 120*
Dibromofluoromethane	*99*		*75 - 120*

Method: 314.0 - Perchlorate (IC)

Lab Sample ID: MB 320-18565/7
Matrix: Water
Analysis Batch: 18565

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			06/14/13 13:14	1

Lab Sample ID: LCS 320-18565/8
Matrix: Water
Analysis Batch: 18565

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	0.0504		mg/L		101	85 - 115

Method: 314.0 - Perchlorate (IC) (Continued)

Lab Sample ID: MRL 320-18565/6 MRL
Matrix: Water
Analysis Batch: 18565

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		95	75 - 125

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 190127

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	<0.0010		0.100	0.109		mg/L		108	75 - 125
Barium	0.035		0.500	0.550		mg/L		103	75 - 125
Cadmium	<0.00050		0.0500	0.0468		mg/L		94	75 - 125
Chromium	<0.0050		0.200	0.207		mg/L		104	75 - 125
Iron	0.46		1.00	1.63		mg/L		117	75 - 125
Lead	<0.00050		0.100	0.0970		mg/L		97	75 - 125
Selenium	<0.0025		0.100	0.111		mg/L		111	75 - 125
Silver	<0.00050		0.0500	0.0558		mg/L		112	75 - 125
Thallium	<0.0020		0.100	0.0992		mg/L		99	75 - 125
Vanadium	<0.0050		0.500	0.539		mg/L		108	75 - 125
Zinc	<0.020		0.500	0.490		mg/L		97	75 - 125

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 190280

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	<0.0010		0.500	0.514		mg/L		103	75 - 125
Manganese	0.13		0.500	0.598		mg/L		94	75 - 125
Nickel	0.0069		0.500	0.528		mg/L		104	75 - 125

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 190369

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	<0.0010		0.0500	0.0453		mg/L		91	75 - 125

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 190369

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	2.4		1.00	2.95	F	mg/L		58	75 - 125

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

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 190377

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.0030		0.500	0.448		mg/L		90	75 - 125
Copper	<0.0020		0.250	0.257		mg/L		103	75 - 125

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 190127

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	<0.0010		0.100	0.109		mg/L		109	75 - 125	1	20
Barium	0.035		0.500	0.544		mg/L		102	75 - 125	1	20
Cadmium	<0.00050		0.0500	0.0474		mg/L		95	75 - 125	1	20
Chromium	<0.0050		0.200	0.211		mg/L		106	75 - 125	2	20
Iron	0.46		1.00	1.63		mg/L		118	75 - 125	0	20
Lead	<0.00050		0.100	0.0964		mg/L		96	75 - 125	1	20
Selenium	<0.0025		0.100	0.112		mg/L		112	75 - 125	1	20
Silver	<0.00050		0.0500	0.0459		mg/L		92	75 - 125	20	20
Thallium	<0.0020		0.100	0.0985		mg/L		99	75 - 125	1	20
Vanadium	<0.0050		0.500	0.546		mg/L		109	75 - 125	1	20
Zinc	<0.020		0.500	0.496		mg/L		98	75 - 125	1	20

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 190280

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	<0.0010		0.500	0.557		mg/L		111	75 - 125	8	20
Manganese	0.13		0.500	0.634		mg/L		101	75 - 125	6	20
Nickel	0.0069		0.500	0.572		mg/L		113	75 - 125	8	20

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 190369

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Beryllium	<0.0010		0.0500	0.0438		mg/L		88	75 - 125	3	20

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 190369

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	2.4		1.00	2.99	F	mg/L		62	75 - 125	1	20

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 190377

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 189340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.0030		0.500	0.472		mg/L		94	75 - 125	5	20

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

Lab Sample ID: 500-57698-1 MSD — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190377 — **Prep Batch: 189340**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	<0.0020		0.250	0.255		mg/L		102	75 - 125	1	20

Lab Sample ID: 500-57698-1 DU — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190127 — **Prep Batch: 189340**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.0010		<0.0010		mg/L		NC	20
Barium	0.035		0.0348		mg/L		0.6	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	<0.0050		<0.0050		mg/L		NC	20
Iron	0.46		0.493		mg/L		7	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Selenium	<0.0025		<0.0025		mg/L		NC	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: 500-57698-1 DU — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190280 — **Prep Batch: 189340**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Manganese	0.13		0.136		mg/L		4	20
Nickel	0.0069		0.00712		mg/L		3	20

Lab Sample ID: 500-57698-1 DU — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190369 — **Prep Batch: 189340**

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

Lab Sample ID: 500-57698-1 DU — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190369 — **Prep Batch: 189340**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Boron	2.4		2.22		mg/L		6	20

Lab Sample ID: 500-57698-1 DU — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 190377 — **Prep Batch: 189340**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.0030		<0.0030		mg/L		NC	20
Copper	<0.0020		<0.0020		mg/L		NC	20

10

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

Lab Sample ID: MB 500-189340/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190127 — **Prep Batch: 189340**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		06/11/13 11:12	06/17/13 17:40	1
Barium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 17:40	1
Cadmium	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:40	1
Chromium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 17:40	1
Iron	<0.10		0.10		mg/L		06/11/13 11:12	06/17/13 17:40	1
Lead	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:40	1
Selenium	<0.0025		0.0025		mg/L		06/11/13 11:12	06/17/13 17:40	1
Silver	<0.00050		0.00050		mg/L		06/11/13 11:12	06/17/13 17:40	1
Thallium	<0.0020		0.0020		mg/L		06/11/13 11:12	06/17/13 17:40	1
Vanadium	<0.0050		0.0050		mg/L		06/11/13 11:12	06/17/13 17:40	1
Zinc	<0.020		0.020		mg/L		06/11/13 11:12	06/17/13 17:40	1

10

Lab Sample ID: MB 500-189340/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190280 — **Prep Batch: 189340**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.0010		0.0010		mg/L		06/11/13 11:12	06/18/13 17:02	1
Manganese	<0.0025		0.0025		mg/L		06/11/13 11:12	06/18/13 17:02	1
Nickel	<0.0020		0.0020		mg/L		06/11/13 11:12	06/18/13 17:02	1

Lab Sample ID: MB 500-189340/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190369 — **Prep Batch: 189340**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.0010		0.0010		mg/L		06/11/13 11:12	06/19/13 12:10	1

Lab Sample ID: MB 500-189340/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190369 — **Prep Batch: 189340**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		06/11/13 11:12	06/19/13 14:08	1

Lab Sample ID: MB 500-189340/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190377 — **Prep Batch: 189340**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030		mg/L		06/11/13 11:12	06/19/13 15:06	1
Copper	<0.0020		0.0020		mg/L		06/11/13 11:12	06/19/13 15:06	1

Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190127 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.0926		mg/L		93	80 - 120

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

Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190127 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.500	0.497		mg/L		99	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Chromium	0.200	0.214		mg/L		107	80 - 120
Iron	1.00	1.19		mg/L		119	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Selenium	0.100	0.0946		mg/L		95	80 - 120
Silver	0.0500	0.0465		mg/L		93	80 - 120
Thallium	0.100	0.109		mg/L		109	80 - 120
Vanadium	0.500	0.533		mg/L		107	80 - 120
Zinc	0.500	0.480		mg/L		96	80 - 120

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Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190280 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	0.500	0.512		mg/L		102	80 - 120
Manganese	0.500	0.466		mg/L		93	80 - 120
Nickel	0.500	0.526		mg/L		105	80 - 120

Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190369 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.0500	0.0501		mg/L		100	80 - 120

Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190369 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1.00	0.954		mg/L		95	80 - 120

Lab Sample ID: LCS 500-189340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 190377 — **Prep Batch: 189340**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.467		mg/L		93	80 - 120
Copper	0.250	0.256		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-188997/7-A — Client Sample ID: Method Blank
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 189208 — Prep Batch: 188997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		06/07/13 16:00	06/10/13 10:18	1

Lab Sample ID: LCS 500-188997/8-A — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 189208 — Prep Batch: 188997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00200	0.00223		mg/L		112	80 - 120

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Method: 9014 - Cyanide

Lab Sample ID: MB 500-188817/10-A — Client Sample ID: Method Blank
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 188893 — Prep Batch: 188817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/06/13 12:35	06/06/13 15:07	1

Lab Sample ID: LCS 500-188817/11-A — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 188893 — Prep Batch: 188817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: MB 500-188966/1-A — Client Sample ID: Method Blank
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 189050 — Prep Batch: 188966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		06/07/13 10:00	06/07/13 15:45	1

Lab Sample ID: LCS 500-188966/2-A — Client Sample ID: Lab Control Sample
Matrix: Water — Prep Type: Total/NA
Analysis Batch: 189050 — Prep Batch: 188966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.111		mg/L		111	80 - 120

Lab Sample ID: 500-57698-7 MS — Client Sample ID: MW-7
Matrix: Water — Prep Type: Dissolved
Analysis Batch: 188893 — Prep Batch: 188817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.014		0.0400	0.0563		mg/L		106	75 - 125

Method: 9014 - Cyanide (Continued)

Lab Sample ID: 500-57698-7 MSD — **Client Sample ID: MW-7**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 188893 — **Prep Batch: 188817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.014		0.0400	0.0552		mg/L		103	75 - 125	2	20

Method: 9038 - Sulfate, Turbidimetric

Lab Sample ID: MB 500-189288/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/11/13 03:26	1

Lab Sample ID: LCS 500-189288/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	20.7		mg/L		104	80 - 120

Lab Sample ID: MB 500-189729/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<5.0		5.0		mg/L			06/13/13 06:31	1

Lab Sample ID: LCS 500-189729/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	20.0	20.1		mg/L		100	80 - 120

Method: 9251 - Chloride

Lab Sample ID: MB 500-189576/42 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.0		2.0		mg/L			06/12/13 19:11	1

Lab Sample ID: LCS 500-189576/43 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 189576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.2		mg/L		98	80 - 120

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Method: 9251 - Chloride (Continued)

Lab Sample ID: 500-57698-2 MS
Matrix: Water
Analysis Batch: 189576

Client Sample ID: MW-2
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200		50.0	245		mg/L		94	75 - 125

Lab Sample ID: 500-57698-2 MSD
Matrix: Water
Analysis Batch: 189576

Client Sample ID: MW-2
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	200		50.0	240		mg/L		85	75 - 125	2	20

10

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

Lab Sample ID: MB 500-188904/1
Matrix: Water
Analysis Batch: 188904

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			06/07/13 03:02	1

Lab Sample ID: LCS 500-188904/2
Matrix: Water
Analysis Batch: 188904

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	246		mg/L		98	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-189185/3
Matrix: Water
Analysis Batch: 189185

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			06/08/13 11:44	1

Lab Sample ID: MB 500-189185/31
Matrix: Water
Analysis Batch: 189185

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			06/08/13 13:15	1

Lab Sample ID: LCS 500-189185/32
Matrix: Water
Analysis Batch: 189185

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	10.5		mg/L		105	80 - 120

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 500-189185/4
Matrix: Water
Analysis Batch: 189185

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

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

Lab Sample ID: 500-57698-1 MS
Matrix: Water
Analysis Batch: 189185

Client Sample ID: MW-1
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.94		5.00	6.35		mg/L		108	75 - 125

Lab Sample ID: 500-57698-1 MSD
Matrix: Water
Analysis Batch: 189185

Client Sample ID: MW-1
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	0.94		5.00	6.38		mg/L		109	75 - 125	0	20

Method: SM 4500 NO2 B - Nitrogen, Nitrite

Lab Sample ID: MB 500-189052/3
Matrix: Water
Analysis Batch: 189052

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			06/06/13 09:43	1

Lab Sample ID: LCS 500-189052/4
Matrix: Water
Analysis Batch: 189052

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	0.104		mg/L		104	80 - 120

Method: SM 4500 NO3 F - Nitrogen, Nitrate

Lab Sample ID: MB 500-189564/36
Matrix: Water
Analysis Batch: 189564

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			06/12/13 13:28	1

Lab Sample ID: LCS 500-189564/37
Matrix: Water
Analysis Batch: 189564

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate Nitrite	1.00	0.965		mg/L		96	80 - 120

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Method: SM 4500 NO3 F - Nitrogen, Nitrate (Continued)

Lab Sample ID: MB 500-189826/4
Matrix: Water
Analysis Batch: 189826

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			06/12/13 14:46	1

Lab Sample ID: LCS 500-189826/5
Matrix: Water
Analysis Batch: 189826

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate Nitrite	1.00	0.949		mg/L		95	80 - 120

Lab Sample ID: 500-57698-10 MS
Matrix: Water
Analysis Batch: 189564

Client Sample ID: MW-10
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate Nitrite	<0.10		1.00	1.02		mg/L		102	75 - 125

Lab Sample ID: 500-57698-10 MSD
Matrix: Water
Analysis Batch: 189564

Client Sample ID: MW-10
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrogen, Nitrate Nitrite	<0.10		1.00	0.955		mg/L		96	75 - 125	7	20

10

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 604..
Phone: 708.534.5200 Fax: 708.534.5...

500-57698 COC

Report To (optional)		Bill To (optional)	
Contact:	RICH GNAT	Contact:	
Company:	KPRG AND ASSOCIATES	Company:	
Address:	14665 W. LISBON RD, STE 2B	Address:	
Address:	BROOKFIELD, WI	Address:	
Phone:	262-781-0475	Phone:	
Fax:		Fax:	
E-Mail:		PO#/Reference#	

Chain of Custody Record

Lab Job #: 500-57698

Chain of Custody Number:

Page 1 of 2

Temperature °C of Cooler: 4.2, 3.9, 4.0

Client: KPRG AND ASSOC. | Client Project #: 12313.3

Project Name: WILL CO STATION ASH PONDS

Project Location/State: ROMEOVILLE, IL | Lab Project #:

Sampler: P. ALLENSTEIN / IJH | Lab PM: B. STADELMAN

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	DISSOLVED METALS (Pres. 3)	TDS, FL, SO4, Cl (Pres. 7)	NO2 (Pres. 7)	NO3-NO2 (Pres. 2)	CYANIDE (Pres. 4)	BTEX BENZENE (Pres. 1)	PERCHLORATE (Pres. 7)			Comments
1		MW-1	6/4/13	1016	9	W	x	x	x	x	x	x	x			
2		MW-2	6/4/13	1103	↓	↓	↓	↓	↓	↓	↓	↓	↓			
3		MW-3	6/4/13	1152	↓	↓	↓	↓	↓	↓	↓	↓	↓			
4		MW-4	6/5/13	1055	↓	↓	↓	↓	↓	↓	↓	↓	↓			
5		MW-5	6/4/13	1335	↓	↓	↓	↓	↓	↓	↓	↓	↓			
6		MW-6	6/4/13	1425	↓	↓	↓	↓	↓	↓	↓	↓	↓			
7		MW-7	6/4/13	1618	↓	↓	↓	↓	↓	↓	↓	↓	↓			
8		MW-8	6/5/13	0812	↓	↓	↓	↓	↓	↓	↓	↓	↓			
9		MW-9	6/5/13	0851	↓	↓	↓	↓	↓	↓	↓	↓	↓			
10		MW-10	6/5/13	1019	↓	↓	↓	↓	↓	↓	↓	↓	↓			

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Turnaround Time Required (Business Days)
__ 1 Day __ 2 Days __ 5 Days __ 7 Days __ 10 Days __ 15 Days __ Other
Requested Due Date ____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	KPRG	6-5-13	1610	[signature]	TestAmerica	06/05/13	1610

Lab Courier:
Shipped:
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments:

Lab Comments:

6/10/2013

MWG13-15_6728

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-57698

Chain of Custody Number:

Page 2 of 2

Temperature °C of Cooler: 4.2, 3.9, 4.0

Report To (optional)	Bill To (optional)
Contact: RICH GNAT	Contact:
Company: KPRG AND ASSOCIATES	Company:
Address: 14665 W LISBON RD	Address:
Address: BROOKFIELD, WI	Address:
Phone: 262-781-0475	Phone:
Fax:	Fax:
E-Mail:	PO#/Reference#

Client: KPRG AND ASSOC. | Client Project #: 12313.3

Project Name: WILLCO STATION ASH PONDS

Project Location/State: ROMEOVILLE, IL | Lab Project #:

Sampler: P. ALLENSTEIN / I. SH | Lab PM: B. STADELMAN

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	3	7	7	2	4	1	7			Comments
							Parameter	DISSOLVED METALS	TDS, FL, SO4, CL	NO2	NO3-NO2	CYANIDE	BTEX BENZENE	PERCHLORATE			
11		DUPLICATE	6/4/13	—	9	W		X	X	X	X	X	X	X			
12		TRIP BLANK			2	W							X				

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other

Requested Due Date: _____

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	KPRG	6-5-13	1615		TestAm	06/05/13	1650
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____

Shipped: _____

Hand Delivered: _____

Matrix Key

WW – Wastewater	SE – Sediment
W – Water	SO – Soil
S – Soil	L – Leachate
SL – Sludge	WI – Wipe
MS – Miscellaneous	DW – Drinking Water
OL – Oil	O – Other
A – Air	

Client Comments:

Lab Comments:

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

Chain of Custody Record

TestAmerica

6/19/2013 MWG13-15_6730

Client Information (Sub Contract Lab)	Sampler	Lab PM: Stadelmann, Bonnie M	Carrier Tracking No(s)	COC No: 500-35553 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: bonnie.stadelmann@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 500-57698-1
Address: 880 Riverside Parkway,	Due Date Requested: 6/18/2013			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #			
Email	WO #			
Project Name: Midwest Generation Will Co. Groundwater	Project #: 50005079			
Site:	SSOW#:			

Analysis Requested

500-57698 Chain of Custody

Preservation Codes:

A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; 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-1 (500-57698-1)	6/4/13	10:10 Central		Water		X	1	
MW-2 (500-57698-2)	6/4/13	11:03 Central		Water		X	1	
MW-3 (500-57698-3)	6/4/13	11:52 Central		Water		X	1	
MW-4 (500-57698-4)	6/5/13	10:55 Central		Water		X	1	
MW-5 (500-57698-5)	6/4/13	13:35 Central		Water		X	1	
MW-6 (500-57698-6)	6/4/13	14:25 Central		Water		X	1	
MW-7 (500-57698-7)	6/4/13	16 18 Central		Water		X	1	
MW-8 (500-57698-8)	6/5/13	08:12 Central		Water		X	1	
MW-9 (500-57698-9)	6/5/13	08:51 Central		Water		X	1	
MW-10 (500-57698-10)	6/5/13	10:49 Central		Water		X	1	
Duplicate (500-57698-11)	6/4/13	Central		Water		X	1	

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Possible Hazard Identification

Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

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

Relinquished by	Date/Time	Company	Received by:	Date/Time	Company
Sherri Scott	6/6/13 1500	TA-CHI		6/10/13 910	TA-CHI
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by	Date/Time	Company	Received by:	Date/Time	Company

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-57698-1

Login Number: 57698
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	4.2,3.9,4.0
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	

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Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 500-57698-1

Login Number: 57698
List Number: 1
Creator: Sadler, Jeremy

List Source: TestAmerica Sacramento
List Creation: 06/10/13 10:12 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.	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.	False	
Cooler Temperature is recorded.	True	14.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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	
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	

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Certification Summary

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

TestAmerica Job ID: 500-57698-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	06-30-13 *
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	06-30-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	07-15-13

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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	01-31-14
Alaska (UST)	State Program	10	UST-055	12-18-13
Arizona	State Program	9	AZ0708	08-11-13
Arkansas DEQ	State Program	6	88-0691	06-30-13 *
California	NELAP	9	1119CA	01-31-14
Colorado	State Program	8	N/A	08-31-13
Connecticut	State Program	1	PH-0691	06-30-13
Florida	NELAP	4	E87570	06-30-13
Guam	State Program	9	N/A	08-31-13
Hawaii	State Program	9	N/A	01-31-14
Illinois	NELAP	5	200060	03-17-14
Kansas	NELAP	7	E-10375	10-31-13
Louisiana	NELAP	6	30612	06-30-13
Michigan	State Program	5	9947	01-31-14
Nebraska	State Program	7	NE-OS-22-13	01-31-14
Nevada	State Program	9	CA44	07-31-13
New Jersey	NELAP	2	CA005	06-30-13
New York	NELAP	2	11666	04-01-14
Northern Mariana Islands	State Program	9	MP0007	02-01-14
Oregon	NELAP	10	CA200005	03-28-14
Pennsylvania	NELAP	3	68-01272	03-31-14
South Carolina	State Program	4	87014	06-30-13
Texas	NELAP	6	T104704399-08-TX	05-31-14

* Expired certification is currently pending renewal and is considered valid.

Laboratory: TestAmerica Sacramento (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
US Fish & Wildlife	Federal		LE148388-0	12-31-13
USDA	Federal		P330-11-00436	12-30-14
USEPA UCMR	Federal	1	CA00044	11-06-14
Utah	NELAP	8	QUAN1	01-31-14
Washington	State Program	10	C581	05-05-14
West Virginia	State Program	3	9930C	12-31-13
West Virginia DEP	State Program	3	334	07-31-13
Wyoming	State Program	8	8TMS-Q	01-31-14

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