

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waikagan Station, Waikagan, IL

Parameter	Date		10/25/2010		3/24/2011		6/13/2011		9/13/2011		12/6/2011		3/14/2012		6/18/2012		9/28/2012		12/19/2012		3/7/2013		6/7/2013		7/25/2013		11/4/2013		3/10/2014		5/16/2014	
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
Antimony	0.006	0.0030	0.0052	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	
Arsenic	0.010	0.0010	0.054	0.0010	0.040	0.0010	0.17	0.0010	0.077	0.0010	0.057	0.0010	0.078	0.0010	0.070	0.0010	0.070	0.0010	0.091	0.0010	0.098	0.0010	0.036	0.0010	0.055	0.0010	0.046	0.0010	0.031	0.0010	0.036	
Barium	2.0	0.0025	0.023	0.0025	0.022	0.0025	0.020	0.0025	0.038	0.0025	0.051	0.0025	0.034	0.0025	0.028	0.0025	0.013	0.0025	0.013	0.0025	0.033	0.0025	0.052	0.0025	0.040	0.0025	0.065	0.0025	0.031	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	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	2.0	0.050	2.6	0.050	2.5	0.050	2.8	0.050	2.5	0.050	2.0	0.050	2.5	0.050	1.9	0.050	2.2	0.050	2.2	0.050	2.3	0.050	3.1	0.050	1.9	0.050	2.0	
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Chloride	200.0	2.0	39	2.0	48	2.0	52	2.0	41	2.0	32	2.0	47	2.0	46	2.0	47	2.0	48	2.0	45	2.0	34	2.0	42	2.0	28	2.0	33	2.0	31	
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	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	0.020	0.010	0.013	0.010	ND	0.010	0.010	0.010	0.012	0.010	0.019	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	
Fluoride	4.0	0.10	0.45	0.10	0.59	0.10	0.71	0.10	0.33	0.10	0.46	0.10	0.46	0.10	0.39	0.10	0.34	0.10	0.41	0.10	0.50	0.10	0.41	0.10	0.45	0.10	0.28	0.10	0.27	0.10	0.46	
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Manganese	0.15	0.0025	ND	0.0025	0.0027	0.0025	0.0086	0.0025	0.020	0.0025	0.011	0.0025	0.0052	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0047	0.0025	0.011	0.0025	0.011	0.0025	0.021	0.0025	0.0073	0.0025	0.025	
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	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	
Nickel	0.1	0.0020	ND	0.0020	ND	0.0020	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	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	0.52	0.10	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
Nitrogen/Nitrite	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Selenium	0.05	0.0025	0.031	0.0025	0.030	0.0025	0.016	0.0025	0.039	0.0025	0.032	0.0025	0.037	0.0025	0.013	0.0025	0.0093	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	
Silver	0.05	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Sulfate	400.0	50	350	50	230	50	260	50	280	50	330	50	390	50	300	50	240	50	200	50	250	50	260	50	300	50	260	50	130	50	170	
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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	
Total Dissolved Solids	1,200	10	460	10	470	10	460	10	570	10	750	10	630	10	630	10	450	10	460	10	510	10	660	10	580	10	580	10	290	10	300	
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	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	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
pH	6.5 - 9.0	NA	10.41	NA	9.92	NA	9.97	NA	8.78	NA	8.62	NA	9.54	NA	9.75	NA	10.78	NA	10.47	NA	9.85	NA	8.37	NA	8.81	NA	8.42	NA	8.99	NA	8.88	
Temperature	NA	NA	17.38	NA	14.81	NA	15.98	NA	15.82	NA	14.18	NA	15.88	NA	18.27	NA	15.45	NA	14.17	NA	12.8	NA	12.94	NA	14.93	NA	13.41	NA	13.79	NA	9.41	
Conductivity	NA	NA	0.698	NA	0.74	NA	0.74	NA	0.67	NA	0.79	NA	0.77	NA	0.72	NA	0.58	NA	0.53	NA	0.6	NA	0.655	NA	0.65	NA	0.51	NA	0.41	NA	0.36	
Dissolved Oxygen	NA	NA	NM	NA	0.33	NA	0.24	NA	0.1	NA	0.3	NA	0.16	NA	0.41	NA	0.06	NA	0.45	NA	0.36	NA	0.39	NA	0.28	NA	0.55	NA	1.21	NA	1.46	
ORP	NA	NA	NM	NA	-52.8	NA	-126.2	NA	-313	NA	-274	NA	-173	NA	-198	NA	-179	NA	-205	NA	-98.2	NA	-109.4	NA	-133.6	NA	-213.3	NA	-98.4	NA	42.7	

Notes: Standards obtained from IAC, Title 35, Chapter 1 Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I Potable Resource Groundwater.
 All samples through 2/16 are filtered.
 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
 * - Duplicate instrument related QC exceeds the control limits

Temperature
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)
 °C
 mg/L
 mV
 Kilg/cm³
 milligrams/liter
 millivolts



Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

8/21/2014		11/6/2014		2/17/2015		4/21/2015		8/12/2015		11/2/2015		3/1/2016		5/4/2016		8/23/2016		12/5/2016		2/21/2017		5/15/2017	
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
0.0030	ND	0.0030	ND ^	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
0.0010	0.019	0.0010	0.21	0.0010	0.050	0.0010	0.056	0.0010	0.034	0.0010	0.073	0.0010	0.12	0.0010	0.11	0.0010	0.12	0.0010	0.15	0.0010	0.14	0.0010	0.11
0.0025	0.032	0.0025	0.0094	0.0025	0.018	0.0025	0.020	0.0025	0.019	0.0025	0.020	0.0025	0.029	0.0025	0.016	0.0025	0.015	0.0025	0.014	0.0025	0.015	0.0025	0.016
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	0.0010	ND ^	0.0010	ND	0.0010	ND
0.25	2.0	0.50	2.2	0.25	1.7	0.050	1.5	0.25	1.2	0.50	1.7	0.50	1.9	0.25	2.1	0.50	2.1	0.50	1.9	0.25	2.1	0.25	2.3
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	0.00050	ND	0.00050	ND	0.00050	ND
10	79	2.0	70	2.0	54	2.0	52	2.0	64	2.0	69	2.0	62	2.0	59	2.0	62	2.0	65	2.0	61	2.0	58
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
0.0020	ND	0.0020	0.0024	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	0.0020	ND
0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	0.013	0.010	0.010	0.010	0.012	0.010	0.029	0.010	0.030	0.010	0.015	0.010	0.014	0.010	0.018
0.10	0.76	0.10	0.56	0.10	0.21	0.10	0.18	0.10	0.42	0.10	0.43	0.10	0.29	0.10	0.29	0.10	0.26	0.10	0.34	0.10	0.30	0.10	0.29
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	0.10	ND	0.10	0.10	ND	0.10
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	0.00050	ND	0.00050	ND	0.00050	ND
0.0025	0.026	0.0025	0.0054	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	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	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
0.10	ND	0.10	ND	0.10	0.24	0.10	0.26	0.10	ND	0.10	ND	0.10	0.17	0.10	ND ^	0.10	0.12	0.10	0.10	0.10	0.10	ND	0.10
0.10	ND	0.10	ND	0.10	0.41	0.10	0.26	0.10	ND	0.10	ND	0.10	0.17	0.10	ND ^	0.10	0.12	0.10	0.10	0.10	ND	0.10	0.19
0.020	0.024	0.020	0.078	0.020	0.17	0.040	0.23	0.020	0.10	0.020	0.036	0.020	ND	0.020	0.026	0.020	ND	0.020	0.056	0.020	0.038	0.020	0.078
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	NR	NR
0.0025	ND	0.0025	0.035	0.0025	0.095	0.0025	0.081	0.0025	0.017	0.0025	0.0099	0.0025	0.0090	0.0025	0.013	0.014	0.0025	0.0073	0.0025	0.0025	0.0025	0.0025	0.0055
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	0.00050	ND	0.00050	ND	0.00050	ND
50	130	50	270	50	200	50	250	50	260	50	330	50	260	50	210	50	230	50	200	50	260	50	330
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	0.0020	ND	0.0020	ND	0.0020	ND
10	460	10	450	10	560	10	500	10	600	10	560	10	570	10	460	10	550	10	570	10	550	10	600
0.0050	ND	0.0050	0.49	0.0050	0.12	0.0050	0.091	0.0050	0.092	0.0050	0.10	0.0050	0.071	0.0050	0.071	0.0050	0.095	0.0050	0.091	0.0050	0.077	0.0050	0.088
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	0.020	ND	0.020	ND	0.020	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	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.001	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR
NA	7.92	NA	10.54	NA	12.01	NA	11.69	NA	11.83	NA	10.93	NA	11.13	NA	11.09	NA	10.49	NA	10.46	NA	11.30	NA	10.69
NA	16.04	NA	11.91	NA	7.73	NA	8.44	NA	17.78	NA	17.17	NA	8.43	NA	11.96	NA	19.68	NA	10.73	NA	14.8	NA	15.1
NA	0.638	NA	0.616	NA	0.63	NA	0.617	NA	0.918	NA	1.054	NA	0.58	NA	0.67	NA	0.88	NA	0.71	NA	0.81	NA	0.71
NA	0.43	NA	1.75	NA	1.06	NA	3.31	NA	2.04	NA	0.45	NA	1.05	NA	0.67	NA	1.53	NA	1.27	NA	1.98	NA	2.73
NA	22.7	NA	-37.2	NA	-74.9	NA	-73.2	NA	-44.5	NA	88.7	NA	-177.8	NA	-202.1	NA	-218.6	NA	-150.4	NA	65.2	NA	-22.1

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Date		10/25/2010		3/24/2011		6/13/2011		9/13/2011		12/6/2011		3/14/2012		6/18/2012		9/28/2012		12/19/2012		3/7/2013		6/7/2013		7/25/2013		11/4/2013		3/10/2014		5/15/2014	
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
Antimony	0.006	0.0030	0.015	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	
Arsenic	0.010	0.0010	0.025	0.0010	0.016	0.0010	0.012	0.0010	0.0087	0.0010	0.0094	0.0010	0.011	0.0010	0.011	0.0010	0.011	0.0010	0.0089	0.0010	0.012	0.0010	0.0090	0.0010	0.0087	0.0010	0.0091	0.0010	0.0085	0.0010	0.0062	
Barium	2.0	0.0025	0.0091	0.0025	0.014	0.0025	0.024	0.0025	0.020	0.0025	0.017	0.0025	0.016	0.0025	0.019	0.0025	0.019	0.0025	0.016	0.0025	0.020	0.0025	0.021	0.0025	0.026	0.0025	0.028	0.0025	0.046	0.0025	0.086	
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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Boron	2.0	0.050	2.2	0.050	2.2	0.050	2.0	0.050	1.7	0.050	1.9	0.050	2.1	0.050	2.1	0.050	2.2	0.050	2.1	0.050	2.2	0.050	2.1	0.050	2.1	0.050	2.1	0.050	2.2	0.050	2.6	
Cadmium	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Chloride	200.0	2.0	42	2.0	45	2.0	46	2.0	45	2.0	50	2.0	50	2.0	53	2.0	48	2.0	55	2.0	54	2.0	50	2.0	52	2.0	47	2.0	55	2.0	51	2.0
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
Cyanide	0.2	0.010	ND	0.010	ND	0.010	0.014	0.010	0.014	0.010	0.019	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Fluoride	4.0	0.10	0.35	0.10	0.53	0.10	0.80	0.10	0.80	0.10	0.56	0.10	0.67	0.10	0.88	0.10	1.1	0.10	1.3	0.10	1.2	0.10	1.3	0.10	0.93	0.10	0.93	0.10	0.60	0.10	0.70	
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	0.10	0.10	0.10	0.10	0.10
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Manganese	0.15	0.0025	0.0034	0.0025	0.018	0.0025	0.032	0.0025	0.038	0.0025	0.035	0.0025	0.035	0.0025	0.028	0.0025	0.031	0.0025	0.023	0.0025	0.039	0.0025	0.051	0.0025	0.069	0.0025	0.034	0.0025	0.085	0.0025	0.16	
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	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Nickel	0.1	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	0.23	0.10	0.23	0.10	0.12	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
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	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Nitrogen/Nitrite	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Perchlorate	0.05	0.0025	0.026	0.0025	0.0085	0.0025	0.028	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	0.0025	0.022	
Selenium	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Sulfate	400.0	50	230	50	160	50	150	50	200	50	200	50	180	50	200	50	210	50	270	50	210	50	230	50	220	50	260	100	290	50	370	100
Thallium	0.002	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
Total Dissolved Solids	1,200	10	410	10	400	10	410	10	460	10	490	10	490	10	400	10	520	10	540	10	500	10	520	10	550	10	530	10	770	10	670	10
Vanadium	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Benzene	0.005	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	6.5-9.0	NA	9.98	NA	9.31	NA	8.65	NA	7.82	NA	7.77	NA	7.77	NA	7.82	NA	7.90	NA	8.24	NA	7.94	NA	8.95	NA	7.63	NA	7.61	NA	7.97	NA	8.38	NA
Temperature	NA	NA	15.3	NA	13.42	NA	14.58	NA	14.46	NA	13.5	NA	13.5	NA	14.79	NA	16.22	NA	14.24	NA	13.01	NA	12.2	NA	12.99	NA	14.79	NA	13.16	NA	12.72	NA
Conductivity	NA	NA	0.61	NA	0.62	NA	0.69	NA	0.56	NA	0.55	NA	0.55	NA	0.55	NA	0.63	NA	0.66	NA	0.54	NA	0.62	NA	0.50	NA	0.59	NA	0.62	NA	0.72	NA
Dissolved Oxygen	NA	NA	NM	NA	0.29	NA	0.22	NA	0.14	NA	0.24	NA	0.24	NA	0.12	NA	0.17	NA	0.07	NA	0.33	NA	0.18	NA	0.32	NA	0.42	NA	0.60	NA	0.81	NA
ORP	NA	NA	NM	NA	28.4	NA	93	NA	-206	NA	-119	NA	-119	NA	-76	NA	-87	NA	-116	NA	-43	NA	-66.4	NA	-124.3	NA	-90.4	NA	-129.8	NA	-121.9	NA

Notes: Standards obtained from IAC, Title 35, Chapter 1 Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class 1, Public Resource Groundwater.
 All samples through 3/10/16 are filtered.
 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 measurement related QC exceeds the control limits

Temperature (Celsius)
 Conductivity (mg/L Dissolved Oxygen)
 Oxygen Reduction Potential (ORP)

°C
 mg/L
 milligrams/liter
 mV
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Sample: MW-03		10/25/2010		3/24/2011		6/13/2011		9/13/2011		12/6/2011		3/14/2012		6/18/2012		9/28/2012		12/19/2012		3/7/2013		6/7/2013		7/25/2013		11/4/2013		3/10/2014		5/15/2014	
	Standards	Date	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result		
	0.006	0.0030	0.0030	0.0051	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND		
Antimony	0.006	0.0030	0.0030	0.0051	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND		
Arsenic	0.010	0.0010	0.0043	0.0010	0.0041	0.0010	0.0049	0.0010	0.0077	0.0010	0.0049	0.0010	0.0071	0.0010	0.0030	0.0010	0.0044	0.0010	0.0031	0.0010	0.0018	0.0010	0.0014	0.0010	0.0025	0.0010	0.0050	0.0010	0.0010	0.0020		
Barium	2.0	0.0025	0.0057	0.0025	0.0086	0.0025	0.018	0.0025	0.0044	0.0025	0.0058	0.0025	0.0049	0.0025	0.0067	0.0025	0.010	0.0025	0.011	0.0025	0.015	0.0025	0.039	0.0025	0.017	0.0025	0.015	0.0025	0.012	0.0025		
Beryllium	0.004	0.0010	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0050	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	2.2	0.50	2.3	0.50	1.6	0.050	1.6	0.050	1.6	0.050	1.3	0.25	1.4	0.050	1.9	0.50	2.0	0.50	2.5	0.50	1.8	0.50	1.9	0.25	1.1	0.050		
Cadmium	0.005	0.00050	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND		
Chloride	200.0	2.0	53	2.0	49	2.0	53	2.0	49	2.0	51	2.0	52	2.0	41	2.0	47	2.0	49	2.0	45	2.0	39	2.0	43	2.0	25	2.0	37	2.0		
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	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	0.030	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	0.010	ND	0.010	ND	0.010	
Fluoride	4.0	0.10	0.10	0.27	0.10	0.47	0.10	0.39	0.24	0.10	0.67	0.10	0.64	0.10	0.76	0.10	0.96	0.10	1.1	0.10	0.99	0.10	0.48	0.10	0.83	0.10	0.63	0.10	0.74	0.10		
Iron	5.0	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	ND	0.10	ND	0.10	ND	0.10	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Manganese	0.15	0.0025	ND	0.0025	ND	0.0025	0.0044	0.0025	0.0044	0.0025	0.0054	0.0025	0.0036	0.0025	0.0070	0.0025	0.0034	0.0025	0.0034	0.0025	0.015	0.0025	0.0062	0.0025	0.0031	0.0025	0.0082	0.0025	0.0069	0.0025		
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	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	
Nickel	0.1	0.0020	ND	0.0020	ND	0.0020	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	
Nitrogen/Nitrate	10.0	0.10	ND	0.10	ND	0.10	0.29	0.10	0.29	0.10	0.10	0.10	0.10	0.10	0.17	0.10	0.50	0.10	0.42	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
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	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.020	
Nitrogen/Nitrate, Nitrite	NA	0.020	ND	0.020	ND	0.020	0.29	0.10	0.29	0.10	0.10	0.10	0.10	0.10	0.17	0.10	0.50	0.10	0.42	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.15	
Perchlorate	0.0049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Selenium	0.05	0.0025	0.0094	0.0025	0.016	0.0025	0.030	0.0025	0.012	0.0025	0.011	0.0025	0.0064	0.0025	0.017	0.0025	0.072	0.0025	0.0025	0.0025	0.011	0.0025	0.067	0.0025	0.0085	0.0025	0.0045	0.0025	0.0028	0.0025		
Silver	0.05	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Sulfate	400.0	20	120	25	130	25	130	25	97	25	110	50	140	50	150	50	260	50	240	50	240	100	290	100	240	50	140	50	170	25		
Total Dissolved Solids	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	
Vanadium	1.200	10	280	10	350	10	340	10	300	10	380	10	340	10	420	10	480	10	520	10	470	10	860	10	530	10	380	10	340	10	210	
Zinc	0.049	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Benzene	0.005	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
BETX	11.705	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
pH	6.5-9.0	NA	NA	9.21	NA	8.58	NA	8.64	NA	9.20	NA	8.61	NA	8.89	NA	7.58	NA	9.14	NA	8.22	NA	8.55	NA	7.13	NA	7.46	NA	7.26	NA	7.38	NA	
Temperature	NA	NA	17.98	NA	14.27	NA	15.5	NA	14.32	NA	13.62	NA	14.89	NA	16.32	NA	13.83	NA	13.02	NA	12.6	NA	12.87	NA	13.95	NA	15.35	NA	11.89	NA	8.47	
Conductivity	NA	NA	0.455	NA	0.55	NA	0.59	NA	0.34	NA	0.41	NA	0.44	NA	0.53	NA	0.58	NA	0.55	NA	0.61	NA	0.860	NA	0.580	NA	0.40	NA	0.37	NA	0.27	
Dissolved Oxygen	NA	NA	NA	NA	0.53	NA	0.16	NA	0.06	NA	0.17	NA	0.13	NA	0.47	NA	0.07	NA	0.27	NA	0.4	NA	0.59	NA	0.31	NA	0.54	NA	0.78	NA	0.40	
ORP	NA	NA	NM	NA	87	NA	163.2	NA	-199	NA	-52	NA	-47	NA	78	NA	2	NA	17	NA	40.8	NA	-84.1	NA	0.80	NA	-128.2	NA	-78.5	NA	90.5	

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.110 - Groundwater Quality Standards for Class I Potable Reservoir Groundwater.
 All samples through 2010 are filtered.
 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
 QC - Denotes instrument related QC exceeds the control limits

Temperature
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)

mV
 mg/L
 milligrams/liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

8/21/2014		11/6/2014		2/17/2015		4/21/2015		8/12/2015		11/2/2015		3/1/2016		5/4/2016		8/24/2016		12/5/2016		2/21/2017		5/16/2017		
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
0.0030	ND	0.0030	ND ^	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	
0.0010	0.0041	0.0010	0.0029	0.0010	0.0031	0.0010	0.0039	0.0010	0.0039	0.0010	0.0090	0.0010	0.0062	0.0010	0.0021	0.0010	0.0081	0.0010	0.0056	0.0010	0.016	0.0010	0.0036	
0.0025	0.012	0.0025	0.013	0.0025	0.013	0.0025	0.0082	0.0025	0.012	0.0025	0.011	0.0025	0.016	0.0025	0.0097	0.0025	0.0055	0.0025	0.014	0.0025	0.0064	0.0025	0.028	
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	0.0010	ND	0.0010	ND	0.0010	ND	
0.25	2.3	0.50	2.3	0.25	1.6	0.050	1.2	0.25	1.6	0.50	2.0	0.50	2.7	0.25	2.4	0.50	1.8	0.25	2.7	0.25	2.1	0.25	3.5	
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	0.00050	ND	0.00050	ND	0.00050	ND	
10	89	2.0	64	2.0	72	2.0	64	2.0	72	10	88	2.0	73	2.0	71	2.0	67	2.0	68	2.0	67	2.0	60	
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	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 ^	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	
0.010	ND	0.010	ND	0.010	0.014	0.010	0.014	0.010	ND	0.010	ND	0.010	0.034	0.010	0.015	0.010	ND	0.010	ND	0.010	ND	0.010	ND	
0.10	0.55	0.10	0.65	0.10	0.67	0.10	0.60	0.10	0.50	0.10	0.49	0.10	0.36	0.10	0.59	0.10	0.22	0.10	0.38	0.10	0.36	0.10	0.27	
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	0.10	ND	0.10	ND	0.10	ND	
0.00050	ND	0.00050	0.0015	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	0.00050	ND	
0.0025	0.0083	0.0025	0.0035	0.0025	0.0032	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.015	0.0025	0.0070	0.0025	ND	0.0025	0.011	0.0025	0.0025	0.0025	0.010	
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	0.00020	ND	0.00020	ND	0.00020	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	
0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.22	0.10	0.16	0.10	ND	0.10	0.17	0.10	0.10	0.10	0.72	
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	0.020	ND	0.020	ND	0.020	ND	
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	NR	NR	
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0035	0.0025	0.013	0.0025	0.0039	0.0025	0.0044	0.0025	ND	0.0025	0.0033	0.0025	ND	0.0025	0.0088	
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	0.00050	ND	0.00050	ND	0.00050	ND	
50	110	50	240	50	110	50	200	50	200	50	260	50	240	50	160	50	180	50	150	50	50	170	50	280
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	0.0020	ND	0.0020	ND	0.0020	ND	
10	470	10	400	10	430	10	420	10	480	10	490	10	580	10	470	10	430	10	530	10	440	10	690	
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.016	0.0050	0.014	0.0050	0.013	0.0050	0.018	0.0050	0.028	0.0050	0.013	
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	0.020	ND	0.020	ND	0.020	ND	
0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.00073	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR	
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.00056	0.0025	0.00293	0.0025	ND	0.0020	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR	NR	
NA	7.82	NA	6.95	NA	7.12	NA	6.67	NA	9.22	NA	9.26	NA	7.33	NA	7.25	NA	9.13	NA	7.62	NA	7.56	NA	7.90	
NA	18.83	NA	13.28	NA	8.19	NA	9.94	NA	16.64	NA	18.38	NA	4.33	NA	11.40	NA	19.01	NA	9.64	NA	11.4	NA	14.5	
NA	0.600	NA	0.513	NA	0.46	NA	0.497	NA	0.628	NA	0.803	NA	0.48	NA	0.59	NA	0.57	NA	0.43	NA	0.53	NA	0.78	
NA	1.05	NA	1.43	NA	1.02	NA	3.32	NA	0.93	NA	0.41	NA	1.84	NA	1.06	NA	1.17	NA	1.17	NA	1.64	NA	5.46	
NA	4.2	NA	13.2	NA	64.6	NA	43.0	NA	-52.0	NA	-7.0	NA	-7.7	NA	-72.7	NA	-163.3	NA	-7.4	NA	83.5	NA	-30.5	

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

8/21/2014		11/6/2014		2/17/2015		4/21/2015		8/12/2015		11/3/2015		3/1/2016		5/4/2016		8/24/2016		12/5/2016		2/22/2017		5/16/2017	
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
0.0010	0.0064	0.0010	0.0080	0.0010	0.0080	0.0010	0.0075	0.0010	0.0072	0.0010	0.0069	0.0010	0.0065	0.0010	0.0067	0.0010	0.010	0.0010	0.010	0.0010	0.018	0.0010	0.0058
0.0025	0.029	0.0025	0.024	0.0025	0.031	0.0025	0.033	0.0025	0.034	0.0025	0.035	0.0025	0.033	0.0025	0.018	0.0025	0.018	0.0025	0.11	0.0025	0.092	0.0025	0.075
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	0.0010	ND	0.0010	ND	0.0010	ND
0.25	1.5	0.50	1.6	0.25	2.0	0.25	1.8	0.25	1.6	0.50	1.5	0.50	1.9	0.25	1.6	0.50	1.7	0.25	2.9	0.25	2.4	0.25	2.6
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	0.00050	ND	0.00050	ND	0.00050	ND
2.0	33	2.0	36	2.0	53	2.0	70	2.0	65	2.0	63	2.0	51	2.0	49	2.0	58	2.0	56	2.0	41	2.0	34
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	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^	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	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	0.010	ND	0.010	ND	0.010	ND	0.010	ND
0.10	0.26	0.10	0.23	0.10	0.26	0.10	0.28	0.10	0.41	0.10	0.44	0.10	0.56	0.10	0.59	0.10	0.52	0.10	0.21	0.10	0.14	0.10	0.26
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	0.10	0.15	0.10	0.56	0.10	0.13
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	0.00050	ND	0.00050	ND	0.00050	ND
0.0025	0.046	0.0025	0.035	0.0025	0.058	0.0025	0.056	0.0025	0.060	0.0025	0.061	0.0025	0.053	0.0025	0.021	0.0025	0.033	0.0025	0.14	0.0025	0.14	0.0025	0.032
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	0.00020	ND	0.00020	ND	0.00020	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	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	0.10	ND	0.10	0.21	0.10	0.14	0.10	0.26
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	0.10	0.15	0.10	0.56	0.10	0.13
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	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	0.0025	ND	0.0025	0.023	0.0025	0.0043	0.0025	0.021
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	0.00050	ND	0.00050	ND	0.00050	ND
25	130	50	200	50	140	50	130	50	210	50	240	50	180	50	150	20	130	100	340	100	350	100	350
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	0.0020	ND	0.0020	ND	0.0020	ND
10	370	10	280	10	440	10	400	10	480	10	390	10	450	10	330	10	330	10	990	10	850	10	950
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	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	0.020	ND	0.020	ND	0.020	ND	0.020	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	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	0.0025	ND	0.0025	ND	0.0025	NR	0.0025	NR
NA	7.74	NA	7.53	NA	7.99	NA	7.18	NA	8.38	NA	6.68	NA	7.17	NA	6.92	NA	7.01	NA	7.40	NA	NR	7.44	NR
NA	16.85	NA	10.41	NA	4.49	NA	11.22	NA	19.57	NA	14.98	NA	5.27	NA	9.49	NA	17.84	NA	9.93	NA	11.9	NA	13.4
NA	0.43	NA	0.374	NA	0.39	NA	0.457	NA	0.676	NA	0.68	NA	0.40	NA	0.48	NA	0.49	NA	0.89	NA	0.92	NA	0.89
NA	0.43	NA	4.55	NA	1.02	NA	3.77	NA	0.66	NA	1.40	NA	0.99	NA	1.62	NA	2.78	NA	2.34	NA	2.82	NA	3.89
NA	-48.2	NA	-56.8	NA	-74.7	NA	-73.4	NA	-62.6	NA	33.4	NA	-52.8	NA	-103.0	NA	-113.3	NA	4.6	NA	99.9	NA	-15.8

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Watkegan Station, Watkegan, IL

8/21/2014		11/5/2014		2/17/2015		4/20/2015		8/13/2015		11/3/2015		3/2/2016		5/2/2016		8/24/2016		12/7/2016		2/22/2017		5/15/2017	
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
0.0030	ND	0.0030	ND ^	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
0.0010	0.0019	0.0010	0.0097	0.0010	0.010	0.0010	0.017 ^	0.0010	ND	0.0010	ND	0.0010	0.0023	0.0010	ND ^	0.0010	0.0075	0.0010	0.013	0.0010	0.040	0.0010	0.0053
0.0025	0.031	0.0025	0.046	0.0025	0.046	0.0025	0.068	0.0025	0.041	0.0025	0.039	0.0025	0.036	0.0025	0.036	0.0025	0.074	0.0025	0.071	0.0025	0.061	0.0025	0.036
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	0.0010	ND	0.0010	ND	0.0010	ND
5.0	35	5.0	36	5.0	32	2.5	24	2.5	11	5.0	12	5.0	14	5.0	23	2.5	43	5.0	49	5.0	42	0.50	7.7
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	0.00050	ND	0.00050	ND	0.00050	ND
2.0	47	2.0	42	2.0	41	10	270	50	720	10	370	10	300	10	140	10	150	2.0	68	10	82	2.0	73
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	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 ^	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	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	0.010	ND	0.010	ND	0.010	ND	0.010	ND
0.10	0.31	0.10	0.29	0.10	0.26	0.10	0.23	0.10	0.19	0.10	0.20	0.10	0.19	0.10	0.22	0.10	0.28	0.10	0.29	0.10	0.21	0.10	0.15
0.10	4.0	0.10	8.6	0.10	7.2	0.10	6.9	0.10	0.28	0.10	0.58	0.10	2.3	0.10	1.8	0.10	13	0.10	8.9	0.10	15	0.10	1.9
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	0.00050	ND	0.00050	ND	0.00050	ND
0.0025	0.65	0.0025	0.62	0.0025	0.46	0.0025	0.63	0.0025	0.18	0.0025	0.20	0.0025	0.17	0.0025	0.32	0.0025	0.65	0.0025	0.53	0.0025	0.54	0.0025	0.12
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	0.00020	ND	0.00020	ND	0.00020	ND
0.0020	ND	0.0020	0.0020	0.0020	ND	0.0020	0.0037	0.0020	0.0026	0.0020	ND	0.0020	0.0046	0.0020	0.0045	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0038
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	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	0.10	ND	0.10	ND ^	0.10	ND	0.10	ND	0.10	ND	0.10	ND
0.020	0.047	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	0.020	ND	0.020	ND
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND ^	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	0.020	ND
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0030 ^	0.0025	0.024	0.0025	0.014	0.0025	0.0054	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0041
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	0.00050	ND	0.00050	ND	0.00050	ND
130	640	200	840	250	660	250	700	250	1200	200	910	500	1200	250	1000	250	1100	250	610	250	700	500	1100
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	0.0020	ND	0.0020	ND	0.0020	ND
10	1600	10	1500	10	1700	13	2200	17	3500	13	2700	10	2800	10	2400	10	2200	10	2000	10	1700	10	2600
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	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	0.020	ND	0.020	ND	0.020	ND	0.020	ND
0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.00079	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.00259	0.0025	ND	0.0025	0.00054	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR
NA	7.06	NA	7.30	NA	7.46	NA	6.73	NA	7.03	NA	6.18	NA	6.71	NA	6.73	NA	6.80	NA	6.82	NA	7.46	NA	7.78
NA	19.08	NA	11.27	NA	7.51	NA	10.27	NA	19.55	NA	14.09	NA	7.82	NA	13.27	NA	20.78	NA	7.90	NA	14.8	NA	13.9
NA	1.509	NA	1.316	NA	1.28	NA	2.095	NA	3.582	NA	3.073	NA	2.52	NA	2.38	NA	2.17	NA	1.41	NA	1.63	NA	2.20
NA	4.09	NA	1.61	NA	1.97	NA	2.75	NA	1.11	NA	1.42	NA	2.24	NA	1.66	NA	2.05	NA	1.15	NA	1.46	NA	5.90
NA	-80	NA	-53	NA	-100.6	NA	-58.6	NA	-34.2	NA	46.2	NA	12.1	NA	-20.6	NA	-72.7	NA	-59.3	NA	-29.1	NA	-20.7

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Date		10/25/2010		3/24/2011		6/13/2011		9/13/2011		12/6/2011		3/14/2012		6/18/2012		9/28/2012		12/19/2012		3/7/2013		6/6/2013		7/25/2013		11/5/2013		3/10/2014		5/15/2014			
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result			
Antimony	0.006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Arsenic	0.010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Barium	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Beryllium	0.004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Boron	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chloride	200.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cobalt	1.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	0.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoride	4.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Iron	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	0.0075	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	0.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen/Nitrate	10.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen/Nitrite	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen/Nitrite	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen/Nitrite	0.0049	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Perchlorate	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	400.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Dissolved Solids	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	0.049	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BETX	11.705	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
pH	6.5 - 9.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Conductivity	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
ORP	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes: Standards obtained from IAC, Title 35 Chapter 1 Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class 1, Potable Resource Groundwater. All samples through 2016 are filtered. 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
 ^ - Detect instrument related QC exceeds the control limits

Temperature
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)

°C
 mg/L
 mV

degrees Celsius
 milligrams/liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

8/21/2014		11/5/2014		2/18/2015		4/20/2015		8/12/2015		11/3/2015		2/29/2016		5/3/2016		8/25/2016		12/6/2016		2/22/2017		5/15/2017	
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
0.0030	ND	0.0030	ND ^	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
0.0010	0.0083	0.0010	0.0045	0.0010	0.0030	0.0010	0.0027	0.0010	0.0037	0.0010	0.0039	0.0010	0.0016	0.0020	0.0023	0.0010	0.0022	0.0010	0.0012	0.0010	0.0087	0.0010	0.0055
0.0025	0.089	0.0025	0.10	0.0025	0.063	0.0025	0.066	0.0025	0.084	0.0025	0.096	0.0025	0.093	0.0025	0.074	0.0025	0.11	0.0025	0.089	0.0025	0.073	0.0025	0.086
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	0.0010	ND	0.0010	ND	0.0010	ND
0.25	2.9	0.50	3.7	0.50	3.5	0.050	1.4	0.25	2.0	0.50	1.9	0.50	2.8	5.0	10	0.50	1.6	0.50	5.8	1.0	8.9	0.25	1.8
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	0.00050	ND	0.00050	ND	0.00050	ND
10	98	10	97	10	81	10	100	10	110	10	120	10	100	10	77	10	140	10	100	2.0	44	10	100
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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 ^	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0023	0.0020	ND ^	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	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	0.010	ND	0.010	ND	0.010	ND	0.010	ND
0.10	0.35	0.10	0.29	0.10	0.23	0.10	0.32	0.10	0.36	0.10	0.36	0.10	0.34	0.10	0.33	0.10	0.35	0.10	0.29	0.10	0.21	0.10	0.34
0.10	9.2	0.10	6.7	0.10	7.6	0.10	6.2	0.10	4.2	0.10	5.2	0.10	5.9	0.10	5.8	0.10	5.2	0.10	4.8	0.10	12	0.10	7.7
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	0.00050	ND	0.00050	ND	0.00050	ND
0.0025	0.38	0.0025	0.44	0.0025	0.38	0.0025	0.19	0.0025	0.24	0.0025	0.26	0.0025	0.26	0.0025	0.26	0.0025	0.28	0.0025	0.39	0.0025	0.47	0.0025	0.20
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	0.00020	ND	0.00020	ND	0.00020	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	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	0.10	ND	0.10	ND	0.10	0.10	0.10	0.10
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	0.10	ND	0.10	0.10	0.10	0.10
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	0.020	ND	0.020	0.020	0.020	0.020
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	NR	NR
0.0025	0.0033	0.0025	0.0034	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0037	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
50	120	50	240	50	190	50	160	50	170	50	180	50	250	50	300	50	180	100	250	100	290	50	130
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	0.0020	ND	0.0020	0.0020	0.0020	0.0020
10	950	10	890	10	900	10	850	10	1100	10	870	10	960	10	1000	10	1000	10	1100	10	930	10	730
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.0077	0.0050	0.0054
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	0.020	ND	0.020	0.020	0.020	0.020
0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.00068	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR
0.0025	ND	0.0025	ND	0.0025	0.00078	0.0025	ND	0.0025	ND	0.0025	0.00398	0.0025	ND	0.0025	0.00071	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR
NA	7.11	NA	7.33	NA	7.45	NA	6.76	NA	7.69	NA	6.81	NA	7.24	NA	7.22	NA	6.90	NA	6.79	NA	7.35	NA	8.26
NA	17.83	NA	12.69	NA	4.41	NA	7.68	NA	19.07	NA	13.96	NA	8.01	NA	12.41	NA	18.68	NA	8.54	NA	11.4	NA	15.2
NA	1.179	NA	1.092	NA	0.85	NA	0.905	NA	1.246	NA	1.294	NA	0.96	NA	1.13	NA	1.34	NA	1.03	NA	1.00	NA	0.87
NA	0.97	NA	1.37	NA	3.00	NA	4.67	NA	2.11	NA	0.96	NA	1.44	NA	2.12	NA	2.00	NA	1.45	NA	1.66	NA	8.11
NA	-116.9	NA	-94.1	NA	-104.5	NA	-45.6	NA	-130.8	NA	-55.1	NA	-90.1	NA	-107.3	NA	-86.0	NA	-82.7	NA	7.9	NA	-116.2

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Standards	Date		10/25/2010		3/24/2011		6/13/2011		9/13/2011		12/6/2011		3/14/2012		6/18/2012		9/28/2012		12/19/2012		3/7/2013		6/6/2013		7/25/2013		11/4/2013		3/10/2014		5/15/2014				
		DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result					
Antimony	0.006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Arsenic	0.010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Barium	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Beryllium	0.004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Boron	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Cadmium	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Chloride	200.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Chromium	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Cobalt	1.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	0.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Fluoride	4.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Iron	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	0.0075	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Manganese	0.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mercury	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nickel	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nitrogen/Nitrate	10.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nitrogen/Nitrite	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nitrogen/Nitrite	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Perchlorate	0.0049	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Selenium	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Silver	0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Sulfate	400.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Thallium	0.002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Dissolved Solids	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	0.049	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzene	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
BETX	11.705	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
pH	6.5 - 9.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Conductivity	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
ORP	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes: Standards obtained from IAC Title 35 Chapter 1, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I Potable Resource Groundwater
 All samples through 2016 are filtered
 All values are in mg/L (ppm) unless otherwise noted

DL - Detection Limit
 NA - Not Analyzed
 ND - Not Detected
 NM - Not Measured

NR - Not Reported
 NS - Not Sampled
 ~ - Denotes instrument read QC exceeds the control limits

Temperature (Celsius)
 Dissolved Oxygen (mg/L)
 Oxygen Reduction Potential (ORP) (mV)

°C
 milligrams per liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

8/21/2014		11/5/2014		2/17/2015		4/20/2015		8/12/2015		11/3/2015		2/29/2016		5/2/2016		8/24/2016		12/7/2016		2/22/2017		5/16/2017		
DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	
0.0010	0.011	0.0010	0.0095	0.0010	0.011	0.0010	0.014	0.0010	0.010	0.0010	0.011	0.0010	0.0079	0.0020	0.0078	0.0010	0.0074	0.0010	0.0088	0.0010	0.010	0.0010	0.0095	
0.0025	0.072	0.0025	0.062	0.0025	0.069	0.0025	0.071	0.0025	0.065	0.0025	0.063	0.0025	0.053	0.0025	0.066	0.0025	0.081	0.0025	0.087	0.0025	0.096	0.0025	0.087	
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	0.0010	ND	0.0010	ND	0.0010	ND	
5.0	40	5.0	41	5.0	37	2.5	37	5.0	32	5.0	26	5.0	22	5.0	24	2.5	26	5.0	33	5.0	49	1.0	50	
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	0.00050	ND	0.00050	ND	0.00050	ND	
2.0	36	2.0	48	2.0	48	2.0	46	2.0	64	10	85	2.0	59	2.0	54	2.0	49	2.0	36	2.0	65	2.0	49	
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	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	0.0020	ND	0.0020	ND	0.0020	0.0021	0.0020	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	0.010	ND	0.010	ND	0.010	ND	0.010	ND	
0.10	0.47	0.10	0.45	0.10	0.38	0.10	0.34	0.10	0.47	0.10	0.45	0.10	0.57	0.10	0.37	0.10	0.38	0.10	0.32	0.10	0.25	0.10	0.31	
0.10	11	0.10	9.4	0.10	12	0.10	14	0.10	11	0.10	11	0.10	8.3	0.10	14	0.10	11	0.10	16	0.10	18	0.10	19	
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	0.00050	ND	0.00050	0.0010	0.00050	0.00072	
0.0025	0.40	0.0025	0.34	0.0025	0.45	0.0025	0.62	0.0025	0.43	0.0025	0.40	0.0025	0.30	0.0025	0.48	0.0025	0.52	0.0025	0.55	0.0025	0.62	0.0025	0.69	
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	0.00020	ND	0.00020	ND	0.00020	ND	
0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0021	0.0020	0.0020	0.0020	ND	0.0020	0.0022	0.0020	0.0022	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	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	0.10	ND	0.10	0.10	0.10	0.10	0.10	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	0.020	ND	0.020	0.020	0.020	0.020	0.020	0.020	ND
0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	NR	NR	NR
0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
130	690	200	880	250	710	130	470	200	760	200	770	100	580	130	610	100	620	250	510	250	880	250	690	
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	0.0020	ND	0.0020	ND	0.0020	ND	
10	1600	10	1500	10	1600	10	1400	10	1700	10	1500	10	1300	10	1500	10	1500	10	1800	10	1900	10	1800	
0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	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	0.020	ND	0.020	ND	0.020	ND	0.020	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	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR	
0.0025	ND	0.0025	ND	0.0025	0.0012	0.0025	ND	0.0025	ND	0.0025	0.0015	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR	
NA	7.25	NA	7.46	NA	7.56	NA	6.59	NA	7.38	NA	6.80	NA	7.31	NA	7.02	NA	6.99	NA	6.83	NA	NR	NR	NR	
NA	18.25	NA	13.37	NA	5.67	NA	10.80	NA	16.66	NA	15.05	NA	11.51	NA	12.08	NA	20.24	NA	7.26	NA	12.6	NA	7.97	
NA	1.607	NA	1.394	NA	1.20	NA	1.34	NA	1.62	NA	1.65	NA	1.17	NA	1.45	NA	1.63	NA	1.26	NA	1.57	NA	1.52	
NA	1.18	NA	2.35	NA	1.31	NA	3.14	NA	0.87	NA	0.53	NA	0.90	NA	1.07	NA	2.46	NA	1.34	NA	1.71	NA	2.83	
NA	-143.6	NA	-112.5	NA	-137.2	NA	-73.9	NA	-135.5	NA	-69.4	NA	-97.4	NA	-118.4	NA	-94.4	NA	-92.4	NA	-26.8	NA	-93.2	

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Sample: MW-08			Date	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	5/15/2014	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	5/15/2014	0.0049	0.0010	0.0049	0.0010	0.0049	0.0010	0.0049	0.0010	0.0049	0.0010	0.0049	0.0010	0.0049	0.0010	0.0049
Barium	2.0	0.0025	5/15/2014	0.083	0.0025	0.14	0.0025	0.14	0.0025	0.14	0.0025	0.14	0.0025	0.14	0.0025	0.14	0.0025	0.14
Beryllium	0.004	0.0010	5/15/2014	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	5.0	5/15/2014	19	5.0	24	5.0	24	5.0	24	5.0	24	5.0	24	5.0	24	5.0	24
Cadmium	0.005	0.00050	8/22/2014	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	2.0	8/22/2014	50	2.0	56	2.0	56	2.0	56	2.0	56	2.0	56	2.0	56	2.0	56
Chromium	0.1	0.0050	8/22/2014	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Cobalt	1.0	0.0010	8/22/2014	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Copper	0.65	0.0020	8/22/2014	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	8/22/2014	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	8/22/2014	0.30	0.10	0.29	0.10	0.29	0.10	0.29	0.10	0.29	0.10	0.29	0.10	0.29	0.10	0.29
Iron	5.0	0.10	8/22/2014	5.0	0.10	7.0	0.10	7.0	0.10	7.0	0.10	7.0	0.10	7.0	0.10	7.0	0.10	7.0
Lead	0.0075	0.00050	8/22/2014	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	8/22/2014	0.31	0.0025	0.33	0.0025	0.33	0.0025	0.33	0.0025	0.33	0.0025	0.33	0.0025	0.33	0.0025	0.33
Mercury	0.002	0.00020	8/22/2014	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	8/22/2014	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	8/22/2014	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	0.10	8/22/2014	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrate	NA	0.020	8/22/2014	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Perchlorate	0.0049	0.0040	8/22/2014	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND
Selenium	0.05	0.0025	8/22/2014	0.016	0.0025	0.0083	0.0025	0.012	0.0025	0.012	0.0025	0.012	0.0025	0.012	0.0025	0.012	0.0025	0.012
Silver	0.05	0.00050	8/22/2014	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	8/22/2014	250	100	370	100	500	100	420	100	360	100	350	100	480	100	530
Thallium	0.002	0.0020	8/22/2014	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	8/22/2014	1000	10	1200	10	1200	10	1100	10	1300	10	1300	10	1300	10	1300
Vanadium	0.049	0.0050	8/22/2014	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Zinc	5.0	0.020	8/22/2014	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Benzene	0.005	0.00050	8/22/2014	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
BETX	11.705	0.0025	8/22/2014	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND
pH	6.5-9.0	NA	8/22/2014	6.92	NA	6.97	NA	7.16	NA	7.36	NA	7.15	NA	7.11	NA	6.93	NA	7
Temperature	NA	NA	8/22/2014	9.19	NA	14.98	NA	12.55	NA	4.91	NA	8.13	NA	14.03	NA	7.34	NA	9.71
Conductivity	NA	NA	8/22/2014	0.99	NA	1.172	NA	1.224	NA	1.000	NA	1.048	NA	1.148	NA	1.021	NA	1.25
Dissolved Oxygen	NA	NA	8/22/2014	0.27	NA	0.29	NA	0.41	NA	1.91	NA	2.44	NA	0.78	NA	0.94	NA	0.73
ORP	NA	NA	8/22/2014	-16.1	NA	-97.4	NA	-94.9	NA	-98.9	NA	-128.3	NA	-119.4	NA	-61.3	NA	-120.3
			11/5/2014															
			2/18/2015															
			4/21/2015															
			8/12/2015															
			11/4/2015															
			2/29/2016															
			5/3/2016															
			8/25/2016															
			12/6/2016															
			2/23/2017															
			5/17/2017															

Note: Standards obtained from IAC Title 35 Chapter 1 Part 620, Sheet D, Section 620.410 - Groundwater Quality Standards for Class 1, Potable Resource Groundwater. All samples through 2016 are filtered. All values are in mg/L (ppt) unless otherwise noted.

DL - Detection Limit
 NA - Not Analyzed
 NR - Not Reported
 NS - Not Sampled
 ^ - Denotes instrument related QC exceeds the control limits

Temperature
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)
 °C
 mg/L
 mV

degrees Celsius
 milligrams/liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Wankegan Station, Wankegan, IL

Parameter	Date		5/15/2014		8/22/2014		11/5/2014		2/18/2015		4/21/2015		8/13/2015		11/4/2015		3/2/2016		5/3/2016		8/25/2016		12/8/2016		2/23/2017		5/16/2017		
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND
Arsenic	0.010	0.0010	0.0012	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	0.0010	ND	0.0010	ND	0.0010	0.0099	0.0010	ND
Barium	2.0	0.0025	0.027	0.0025	0.014	0.0025	0.015	0.0025	0.010	0.0025	0.010	0.0025	0.015	0.0025	0.018	0.0025	0.016	0.0025	0.030	0.023	0.0025	0.0078	0.0025	0.012	0.0025	0.018	0.0025	0.0099	
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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	5.0	16	5.0	6.3	5.0	13	5.0	7.5	2.5	20	5.0	15	5.0	12	5.0	29	5.0	31	1.0	3.9	5.0	13	5.0	14	5.0	5.0	25	
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Chloride	200.0	50	370	50	380	50	430	50	330	10	290	50	550	50	450	50	860	50	680	10	270	10	310	10	270	2.0	68		
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.045	0.0050	ND		
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	0.0056	0.0010	ND		
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0050	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	0.010	ND	0.010	ND	0.010	ND	0.010	ND		
Fluoride	4.0	0.10	0.15	0.10	0.13	0.10	0.12	0.10	0.18	0.10	0.12	0.10	0.15	0.10	0.14	0.10	0.12	0.10	0.12	0.10	0.21	0.10	0.16	0.10	0.20	0.10	0.10	0.11	
Iron	5.0	0.10	0.81	0.10	0.12	0.10	0.14	0.10	ND	0.10	0.16	0.10	ND	0.10	ND	0.10	0.29	0.10	0.21	0.10	0.16	0.10	0.10	ND	0.10	8.8	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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Manganese	0.15	0.0025	0.14	0.0025	0.050	0.0025	0.048	0.0025	0.047	0.0025	0.064	0.0025	0.075	0.0025	0.056	0.0025	0.13	0.0025	0.088	0.0025	0.061	0.0025	0.067	0.0025	0.075	0.0025	0.024		
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	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	0.0024	0.0020	0.0031	0.0020	0.0020	0.0020	0.0029	0.0020	ND	0.0020	0.0026	0.0020	0.0038	0.0020	0.0029	0.0020	0.016	0.0020	0.0023	0.0020	0.0020	0.026	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	ND	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
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	0.020	ND	0.020	ND	0.020	ND	0.020	0.020	0.020	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	0.020	ND	0.020	ND	0.020	ND	0.020	0.020	0.020	ND
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	NR	NR	NR	NR
Selenium	0.05	0.0025	0.014	0.0025	0.011	0.0025	0.0048	0.0025	0.0053	0.0025	0.018	0.0025	0.011	0.0025	0.0029	0.0025	0.010	0.0025	0.024	0.0025	0.017	0.0025	0.032	0.0025	0.018	0.0025	0.0083		
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	360	50	230	100	430	50	320	100	380	100	450	100	400	250	920	250	780	50	160	100	240	100	410	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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1600	10	1300	10	1400	10	1300	10	1400	10	2200	10	1600	13	3000	10	2600	10	1000	10	1400	10	1200	10	970		
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.021	0.0050	ND		
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND		
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	NR	NR	NR	NR
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.00089	0.0025	ND	0.0025	ND	0.00441	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	NR	NR	NR	NR	
pH	6.5 - 9.0	NA	6.94	NA	6.90	NA	7.20	NA	7.45	NA	7.08	NA	6.98	NA	6.60	NA	7.02	NA	7.02	NA	7.13	NA	7.01	NA	7.68	NA	8.15		
Temperature	NA	NA	9.70	NA	15.54	NA	12.98	NA	3.85	NA	8.81	NA	15.24	NA	15.84	NA	4.45	NA	9.32	NA	20.43	NA	10.36	NA	9.91	NA	14.82		
Conductivity	NA	NA	1.70	NA	1.669	NA	1.773	NA	1.270	NA	1.457	NA	2.584	NA	2.227	NA	2.555	NA	2.536	NA	1.894	NA	1.336	NA	1.991	NA	0.876		
Dissolved Oxygen	NA	NA	0.31	NA	0.32	NA	0.40	NA	2.15	NA	5.20	NA	0.96	NA	1.21	NA	1.56	NA	0.81	NA	2.56	NA	1.44	NA	3.11	NA	0.10		
ORP	NA	NA	27.3	NA	6.7	NA	4.0	NA	11.0	NA	-5.6	NA	-25.2	NA	106.8	NA	53.4	NA	-19	NA	-1.9	NA	10.6	NA	53.5	NA	-68.9		

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class I, Feasible Resource Groundwater.
All samples through 2016 are filtered.
All values are in mg/L (ppm) unless otherwise noted.

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

NR - Not Reported
~ - Denotes instrument related QC exceeds the control limits

Temperature
Conductivity
Dissolved Oxygen
Oxygen Reduction Potential (ORP)

°C
mg/L
mV

degrees Celsius
milligrams per liter
millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Date		8/22/2014		11/6/2014		2/18/2015		4/20/2015		8/11/2015		11/4/2015		3/2/2016		5/3/2016		8/26/2016		12/6/2016		2/23/2017		5/17/2017			
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
Antimony	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	
Arsenic	0.010	0.0010	0.75	0.0010	0.40	0.0010	0.12	0.0010	0.74	0.0010	ND	0.0010	0.63	0.0010	0.58	0.0010	0.46	0.0010	0.35	0.0010	0.42	0.0010	0.67	0.0010	0.67	0.0010	0.49	
Barium	2.0	0.0025	0.072	0.0025	0.068	0.0025	0.064	0.0025	0.075	0.0025	0.047	0.0025	0.066	0.0025	0.069	0.0025	0.057	0.0025	0.067	0.0025	0.066	0.0025	0.091	0.0025	0.091	0.0025	0.099	
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	1.9	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	
Boron	2.0	0.050	0.77	0.050	0.81	0.050	0.59	0.050	0.94	0.050	1.7	0.050	2.5	0.050	1.9	0.050	1.9	0.050	0.96	0.050	1.0	0.050	1.3	0.050	1.3	0.050	1.1	
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Chloride	200.0	2.0	61	2.0	65	2.0	49	2.0	98	2.0	36	10	82	10	120	10	110	10	110	10	140	10	140	10	180	10	160	
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0053
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
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	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Fluoride	4.0	0.10	0.19	0.10	0.19	0.10	0.19	0.10	0.11	0.10	0.15	0.10	0.15	0.10	0.13	0.10	0.13	0.10	0.13	0.10	0.17	0.10	0.15	0.10	0.14	0.10	0.13	0.13
Iron	5.0	0.10	7.3	0.10	3.5	0.10	ND	0.10	6.4	0.10	0.49	0.10	8.6	0.10	14	0.10	11	0.10	7.3	0.10	4.7	0.10	11	0.10	11	0.10	7.9	
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	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Manganese	0.15	0.0025	0.19	0.0025	0.13	0.0025	0.022	0.0025	0.19	0.0025	0.025	0.0025	0.20	0.0025	0.28	0.0025	0.22	0.0025	0.19	0.0025	0.14	0.0025	0.25	0.0025	0.25	0.0025	0.21	
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	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020
Nickel	0.1	0.0020	0.0021	0.0020	0.0028	0.0020	ND	0.0020	0.0023	0.0020	0.0047	0.0020	ND	0.0020	0.0021	0.0020	0.0021	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0031
Nitrogen/Nitrate	10.0	0.10	ND	0.10	1.1	0.10	3.2	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	0.10	0.31	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Nitrogen/Nitrite	NA	0.10	ND	0.10	1.1	0.20	3.2	0.10	ND	0.10	ND	0.10	ND	0.10	0.10	0.10	0.31	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Nitrogen/Nitrite, Nitrate	NA	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040
Selenium	0.05	0.0025	ND	0.0025	ND	0.0025	0.0041	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025
Silver	0.05	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Sulfate	400.0	50	170	50	270	50	170	50	240	50	77	50	190	50	140	50	110	50	130	50	120	50	140	50	140	50	130	
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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
Total Dissolved Solids	1,200	10	770	10	720	10	740	10	920	10	370	10	950	10	940	10	810	10	930	10	890	10	1100	10	1100	10	960	
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.036	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
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
BETX	11.705	0.0025	ND	0.0025	0.0039	0.0025	0.0039	0.0025	ND	0.0025	ND	0.0025	0.0067	0.0025	0.0055	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
pH	6.5 - 9.0	NA	6.82	NA	7.44	NA	7.62	NA	7.26	NA	6.25	NA	6.15	NA	7.07	NA	6.85	NA	6.47	NA	7.14	NA	7.31	NA	7.31	NA	8.24	
Temperature	NA	NA	15.79	NA	10.38	NA	6.99	NA	8.87	NA	17.96	NA	13.05	NA	8.22	NA	10.47	NA	14.8	NA	11.61	NA	9.41	NA	9.41	NA	12.02	
Conductivity	NA	NA	0.922	NA	0.815	NA	0.680	NA	1.077	NA	0.510	NA	1.170	NA	1.049	NA	1.055	NA	1.128	NA	1.102	NA	1.266	NA	1.266	NA	1.060	
Dissolved Oxygen	NA	NA	0.20	NA	0.47	NA	2.66	NA	3.87	NA	1.46	NA	0.78	NA	1.2	NA	0.94	NA	0.42	NA	0.83	NA	0.85	NA	0.85	NA	0.46	
Dissolved Oxygen ORP	NA	NA	-91.9	NA	-75.1	NA	9.1	NA	-111.9	NA	10.7	NA	9.3	NA	-59.6	NA	-110.8	NA	-58.1	NA	-88.7	NA	-36.7	NA	-36.7	NA	-111.3	

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.110 - Groundwater Quality Standards for Class 1, Fetable Resource: Groundwater. All samples through 2016 are filtered. 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
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)

°C
 mg/L
 mV
 degrees Celsius
 milligrams/liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waukegan Station, Waukegan, IL

Parameter	Standards	8/22/2014		11/6/2014		2/18/2015		4/20/2015		8/11/2015		11/5/2015		3/2/2016		5/5/2016		8/26/2016		12/7/2016		2/24/2017		5/18/2017		
		DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
Arsenic	0.010	0.0010	ND	0.0010	1.0	0.0010	0.96	0.0010	0.79	0.0010	0.81	0.0010	0.82	0.0010	0.55	0.0020	0.48	0.0010	0.89	0.0010	0.87	0.0010	0.57	0.0010	0.59	
Barium	2.0	0.0025	0.039	0.0025	0.042	0.0025	0.041	0.0025	0.045	0.0025	0.038	0.0025	0.038	0.0025	0.040	0.0025	0.037	0.0025	0.042	0.0025	0.049	0.0025	0.049	0.0025	0.041	
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	0.0010	ND	0.0010	ND	0.0010	ND	
Boron	2.0	0.50	5.1	0.50	3.5	0.25	2.8	0.25	2.5	0.50	5.0	2.5	4.4	0.50	3.8	1.0	5.2	0.50	3.0	0.50	3.0	0.25	2.3	0.25	1.7	
Cadmium	0.005	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	
Chloride	200.0	10	290	10	300	10	120	10	290	10	270	10	270	10	230	10	280	10	210	10	250	10	220	10	180	
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.010	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	
Cobalt	1.0	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	0.0013	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0040	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0040	
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	0.010	ND	0.010	ND	0.010	ND	
Fluoride	4.0	0.10	0.14	0.10	0.15	0.10	0.15	0.10	0.11	0.10	0.13	0.10	0.14	0.10	0.13	0.10	0.11	0.10	0.14	0.10	0.13	0.10	0.12	0.10	0.13	
Iron	5.0	0.10	2.0	0.10	2.4	0.10	2.3	0.10	2.6	0.10	2.6	0.10	2.2	0.10	3.6	0.10	2.9	0.10	3.6	0.10	3.4	0.10	4.3	0.10	3.3	
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	0.00050	ND	0.00050	ND	0.00050	ND	
Manganese	0.15	0.0025	0.23	0.0025	0.21	0.0025	0.22	0.0025	0.24	0.0025	0.25	0.0025	0.21	0.0025	0.29	0.0025	0.21	0.0025	0.28	0.0025	0.26	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	0.00020	ND	0.00020	ND	0.00020	ND	
Nickel	0.1	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	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	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.28	
Nitrogen/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	0.10	ND	0.10	ND	0.10	0.10	0.28
Nitrogen/Nitrate, 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	0.020	ND	0.020	ND	0.020	ND	
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	
Selenium	0.05	0.0025	0.0089	0.0025	0.010	0.0025	0.0098	0.0025	ND	0.0025	0.0026	0.0025	0.0059	0.0025	0.0059	0.0025	ND	0.0025	ND	0.0025	0.0046	0.0025	ND	0.0025	ND	
Silver	0.05	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
Sulfate	400.0	50	210	50	230	50	130	50	140	50	170	50	180	50	180	25	150	20	100	25	130	50	180	25	110	
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	0.0020	ND	0.0020	ND	0.0020	ND	
Total Dissolved Solids	1,200	10	1100	10	1100	10	1200	10	1100	10	1200	10	1100	10	1100	10	1100	10	1000	10	1100	10	1200	10	970	
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	
Zinc	5.0	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	
BETX	11.705	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0013	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	NR	NR	NR	NR	
pH	6.5-9.0	NA	6.98	NA	7.46	NA	7.59	NA	7.23	NA	7.31	NA	6.51	NA	7.16	NA	7.17	NA	6.97	NA	7.06	NA	6.61	NA	7.42	
Conductivity	NA	NA	16.56	NA	11.28	NA	7.22	NA	9.13	NA	14.96	NA	17.97	NA	6.71	NA	8.86	NA	18.35	NA	10.91	NA	7.43	NA	14.66	
Dissolved Oxygen	NA	NA	1.596	NA	1.415	NA	1.300	NA	1.377	NA	1.550	NA	1.805	NA	1.191	NA	1.253	NA	1.527	NA	1.269	NA	1.236	NA	1.201	
ORP	NA	NA	0.34	NA	0.42	NA	1.21	NA	2.69	NA	0.92	NA	0.51	NA	0.92	NA	0.88	NA	0.57	NA	0.92	NA	0.96	NA	1.04	
			-89.8	NA	-122.4	NA	-105.3	NA	-115.1	NA	-108.5	NA	29.6	NA	-90.4	NA	-124.2	NA	-107.4	NA	-100.8	NA	-43.6	NA	-51.6	

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class 1, Potable Resource Groundwater.
 All samples through 2016 are filtered.
 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 Conductivity Dissolved Oxygen Oxygen Reduction Potential (ORP)
 °C mg/L mV degrees Celsius milligrams/liter millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Waikagean Station, Waikagean, IL

Parameter	Sample: ELUC MW-12		Date		8/22/2014		11/6/2014		2/18/2015		4/20/2015		8/11/2015		11/4/2015		2/29/2016		5/4/2016		8/25/2016		12/6/2016		2/22/2017		5/17/2017			
	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	
Arsenic	0.006	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030
Barium	2.0	0.0025	0.10	0.0025	0.083	0.0025	0.081	0.0025	0.081	0.0025	0.048	0.0025	0.065	0.0025	0.045	0.0025	0.11	0.0025	0.14	0.0025	0.14	0.0025	0.098	0.0025	0.085	0.0025	0.11	0.0025	0.12	
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	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Boron	2.0	0.25	1.9	0.50	1.4	0.25	1.6	0.25	1.6	0.25	1.0	0.25	1.4	2.5	ND	5.0	8.4	5.0	18	1.0	4.9	1.0	4.9	0.50	2.0	0.25	1.5	0.25	1.6	
Cadmium	0.005	0.00050	0.0026	0.00050	0.0014	0.00050	0.0025	0.00050	0.0025	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.0011	0.00050	0.00070	0.00050	0.0020	0.00050	0.00050	ND
Chloride	200.0	50	410	10	370	10	160	10	130	10	130	10	85	2.0	29	2.0	60	10	120	10	180	10	180	10	220	10	210	10	180	
Chromium	0.1	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.028	0.0050	ND	
Cobalt	1.0	0.0010	0.0033	0.0010	0.0023	0.0010	0.018	0.0010	0.018	0.0010	0.0018	0.0010	ND	0.0010	0.0014	0.0010	0.0050	0.0010	0.0049	0.0010	0.0044	0.0010	0.0044	0.0010	0.0034	0.0010	0.0038	0.0010	0.0025	
Copper	0.65	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.0051	0.0020	0.0010	0.0025
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	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Fluoride	4.0	0.10	0.10	0.10	ND	0.10	ND	0.10	0.22	0.10	0.22	0.10	0.15	0.10	0.13	0.10	0.14	0.10	0.19	0.10	0.12	0.10	0.11	0.10	0.11	0.10	0.12	0.10	0.10	0.21
Iron	5.0	0.10	2.2	0.10	0.88	0.10	1.2	0.10	2.1	0.10	2.1	0.10	4.7	0.10	0.48	0.10	2.2	0.10	2.3	0.10	3.5	0.10	3.5	0.10	1.6	0.10	3.9	0.10	6.4	
Lead	0.0075	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Manganese	0.15	0.0025	0.11	0.0025	0.051	0.0025	0.70	0.0025	0.16	0.0025	0.16	0.0025	0.17	0.0025	0.069	0.0025	0.29	0.0025	0.33	0.0025	0.32	0.0025	0.22	0.0025	0.22	0.0025	0.21	0.0025	0.33	
Mercury	0.002	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	0.00022	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
Nickel	0.1	0.0020	0.016	0.0020	0.013	0.0020	0.075	0.0020	0.0071	0.0020	0.0071	0.0020	ND	0.0020	0.0047	0.0020	0.0075	0.0020	0.0079	0.0020	0.011	0.0020	0.0096	0.0020	0.0020	0.0022	0.0020	0.0020	0.0048	
Nitrogen/Nitrate	10.0	0.10	ND	0.10	0.56	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.20	0.10	ND	0.10	0.10	0.10	0.10	1.4	0.10	0.48	0.10	0.48	0.10	ND
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	0.56	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	0.10	0.20	0.10	ND	0.10	0.10	0.10	0.10	1.4	0.10	0.48	0.10	0.48	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	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Perchlorate	0.0049	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	NR	NR	NR	NR
Selenium	0.05	0.0025	0.0059	0.0025	0.0074	0.0025	0.0027	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.0035	0.0025	0.0051	0.0025	0.0025	ND
Silver	0.05	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050
Sulfate	400.0	50	200	50	230	100	400	50	200	50	200	50	180	10	47	50	180	100	350	50	170	50	170	25	100	25	65	100	240	
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	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020
Total Dissolved Solids	1,200	10	1100	10	950	10	1400	10	890	10	890	10	900	10	900	10	720	10	980	10	820	10	820	10	830	10	740	10	1100	
Vanadium	0.049	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Zinc	5.0	0.020	0.14	0.020	0.086	0.020	0.74	0.020	0.030	0.020	0.030	0.020	ND	0.020	0.036	0.020	0.051	0.020	0.040	0.020	0.10	0.020	0.081	0.020	0.081	0.020	0.17	0.020	0.048	
Benzene	0.005	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	NR	NR	NR	NR
BETX	11.705	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	ND	0.025	NR	NR	NR	NR
pH	6.5-9.0	NA	6.44	NA	6.66	NA	6.48	NA	6.96	NA	6.88	NA	6.88	NA	5.49	NA	6.79	NA	9.13	NA	6.02	NA	6.02	NA	6.62	NA	6.89	NA	8.14	
Temperature	NA	NA	21.11	NA	12.65	NA	2.30	NA	9.17	NA	14.26	NA	15.79	NA	6.05	NA	6.05	NA	9.13	NA	20.11	NA	20.11	NA	12.22	NA	9.83	NA	13.76	
Conductivity	NA	NA	1.700	NA	1.258	NA	1.14	NA	1.145	NA	1.130	NA	0.435	NA	0.641	NA	0.641	NA	0.989	NA	1.108	NA	1.108	NA	0.859	NA	0.865	NA	1.107	
Dissolved Oxygen	NA	NA	1.17	NA	1.76	NA	2.57	NA	4.06	NA	0.89	NA	0.89	NA	1.79	NA	1.14	NA	1.06	NA	0.65	NA	0.65	NA	2.04	NA	2.73	NA	0.46	
ORP	NA	NA	5.9	NA	28.5	NA	71.5	NA	-53.1	NA	-82.1	NA	110.4	NA	110.4	NA	-3.3	NA	-66.2	NA	-6.5	NA	-6.5	NA	-14	NA	41.6	NA	-92.2	

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class 1, Publix Resource Groundwater
 ND - Not Detected
 NA - Not Measured
 NR - Not Required
 NS - Not Sampled
 Q - Denotes instrument related QC exceeds the control limits
 DL - Detection limit
 NA - Not Applicable
 ND - Not Detected
 NM - Not Measured
 Temperature Conductivity Dissolved Oxygen
 °C mg/L
 degrees Celsius milligrams/liter
 millivolts

Table 2. Groundwater Analytical Results - Midwest Generation LLC, Wankegan Station, Wankegan, IL

Sample: ELUC MW-14		Date	8/22/2014	11/6/2014	2/18/2015	4/20/2015	8/11/2015	11/5/2015	11/5/2015	3/2/2016	5/5/2016	8/25/2016	12/7/2016	2/23/2017	5/18/2017
Parameter	Standards	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result	DL	Result
Antimony	0.006	0.0030	ND	0.0030	NS	0.0030	0.0047	0.0030	ND	0.0030	ND	0.0030	ND	0.0030	0.021
Arsenic	0.010	0.0010	0.13	0.0010	NS	0.0010	0.050	0.0010	0.32	0.0010	0.20	0.0010	0.13	0.10	25
Barium	2.0	0.0025	0.049	0.0025	NS	0.0025	0.024	0.0025	0.045	0.0025	0.049	0.0025	0.050	0.42	0.0025
Beryllium	0.004	0.0010	ND	0.0010	NS	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010	ND
Boron	2.0	0.25	1.0	0.50	NS	0.50	0.54	0.25	1.1	0.50	1.0	0.50	0.94	0.50	0.65
Cadmium	0.0050	0.00050	ND	0.00050	NS	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.0016
Chloride	200.0	10	120	10	NS	2.0	66	10	160	10	180	10	180	10	82
Chromium	0.1	0.0050	0.0060	0.0050	NS	0.0050	0.032	0.0050	ND	0.0050	0.0093	0.0050	0.0060	0.0050	0.0050
Cobalt	1.0	0.0010	ND	0.0010	NS	0.0010	ND	0.0010	ND	0.0010	0.0011	0.0010	0.0010	0.0010	0.013
Copper	0.65	0.0020	ND	0.0020	NS	0.0020	0.0022	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	0.058
Cyanide	0.2	0.010	ND	0.010	NS	0.010	ND	0.010	ND	0.010	ND	0.010	ND	0.010	ND
Fluoride	4.0	0.10	0.14	0.10	NS	0.10	0.28	0.10	0.19	0.10	0.18	0.10	0.23	0.10	0.24
Iron	5.0	0.10	2.0	0.10	NS	0.10	ND	0.10	1.8	0.10	0.28	0.10	0.92	1.0	450
Lead	0.0075	0.00050	ND	0.00050	NS	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	0.0014
Manganese	0.15	0.0025	0.18	0.0025	NS	0.0025	0.015	0.0025	0.13	0.0025	0.17	0.0025	0.11	0.0025	0.74
Mercury	0.0020	0.00020	ND	0.00020	NS	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020	ND
Nickel	0.1	0.0020	ND	0.0020	NS	0.0020	0.0020	0.0020	ND	0.0020	0.0022	0.0020	0.0020	0.0020	0.0092
Nitrogen/Nitrate	10.0	0.10	ND	0.10	NS	0.10	0.73	0.10	ND	0.10	ND	0.10	ND	0.10	ND
Nitrogen/Nitrite	NA	0.10	ND	0.10	NS	0.10	0.73	0.10	ND	0.10	ND	0.10	ND	0.10	0.19
Nitrogen/Nitrate, Nitrite	NA	0.10	ND	0.10	NS	0.10	0.73	0.10	ND	0.10	ND	0.10	ND	0.10	0.10
Perchlorate	0.0049	0.0040	ND	0.0040	NS	0.0040	ND	0.0040	ND	0.0040	ND	0.0040	ND	NR	NR
Selenium	0.05	0.0025	ND	0.0025	NS	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	ND	0.0025	0.017
Silver	0.05	0.00050	ND	0.00050	NS	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND
Sulfate	400.0	100	370	50	NS	20	84	25	130	50	140	50	150	25	100
Thallium	0.002	0.0020	ND	0.0020	NS	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND	0.0020	ND
Total Dissolved Solids	1,200	10	1300	10	NS	10	480	10	1000	10	890	10	1100	10	660
Vanadium	0.049	0.0050	ND	0.0050	NS	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	0.040
Zinc	5.0	0.020	ND	0.020	NS	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	0.18
Benzene	0.005	0.00050	ND	0.00050	NS	0.00050	ND	0.00050	ND	0.00050	ND	0.00050	ND	NR	NR
BETX	11.705	0.0025	ND	0.0025	NS	0.0025	7.33	0.0025	ND	0.0025	0.0085	0.0025	ND	0.0025	NR
pH	6.5-9.0	NA	6.98	NA	NS	NA	7.33	NA	7.02	NA	6.78	NA	7.24	NA	6.88
Temperature	NA	NA	16.36	NA	NS	NA	7.80	NA	15.73	NA	5.92	NA	8.37	NA	6.24
Conductivity	NA	NA	1.435	NA	NS	NA	0.414	NA	1.307	NA	1.448	NA	1.606	NA	0.645
Dissolved Oxygen	NA	NA	0.26	NA	NS	NA	9.86	NA	0.78	NA	1.8	NA	0.48	NA	1.36
ORP	NA	NA	-60.8	NA	NS	NA	11.4	NA	-58.4	NA	65.3	NA	-4.9	NA	94.9

Notes: Standards obtained from IAC, Title 35, Chapter 1, Part 620, Subpart D, Section 620.410 - Groundwater Quality Standards for Class 1, Exhibit Resource Groundwater
 All samples through 2016 are filtered
 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
 Conductivity
 Dissolved Oxygen
 Oxygen Reduction Potential (ORP)

°C
 mg/L
 mV

degrees Celsius
 milligrams/liter
 millivolts

