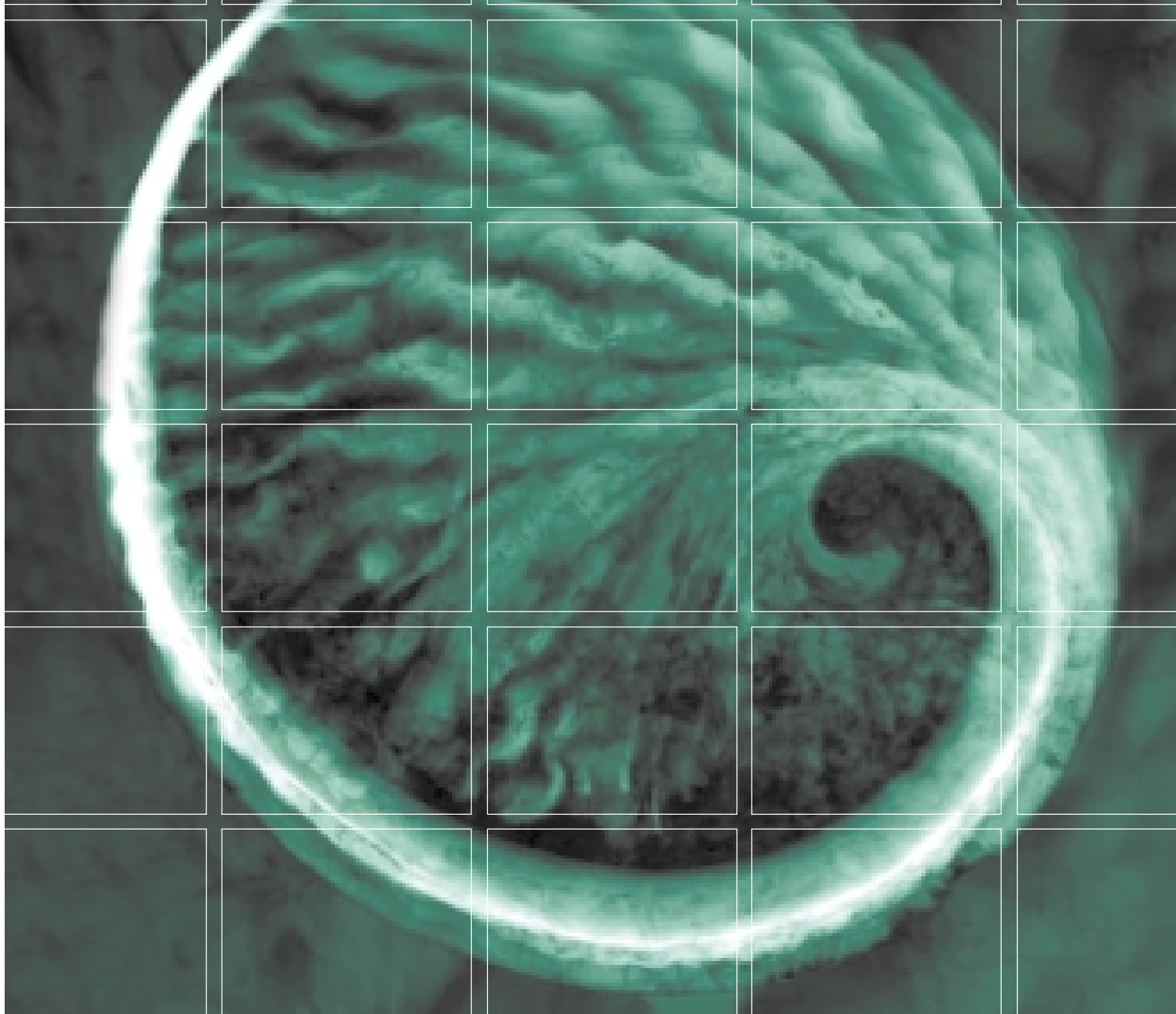




Annual Groundwater Monitoring Report FGD Emergency Pond (SWMU 020)

NRG Texas Power, LLC
W.A. Parish Electric Generating Station
Thompsons, Texas

January 30, 2018

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NRG Texas Power, LLC

Annual Groundwater Monitoring Report FGD Emergency Pond (SWMU 020)

January 30, 2018

Project No. 0289614
W.A. Parish Electric Generating Station
Thompsons, Texas



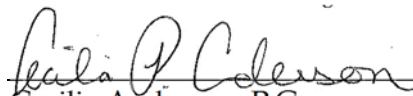
Jim Davidson, P.G.

Partner-in-Charge



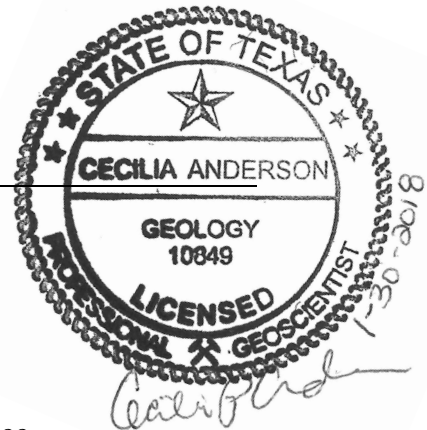
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A GROUNDWATER ANALYTICAL RESULTS

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- 1-1 Site Location Map**
- 1-2 Coal Combustion Residual Units**
- 2-1 Coal Combustion Residual Monitor Well Networks**
- 2-2 October 2017 Potentiometric Map**

NRG Texas Power, LLC's (NRG) W.A. Parish Electric Generating Station, (the Site) is located in Thompsons, Texas (Figure 1-1). The Site is adjacent to Smithers Lake with the electricity generating portion on the southeastern shore and the solid waste disposal areas (SWDA) along the northeastern shore of the lake (Figure 1-2). The spent coal fuels or coal combustion residuals consist of fly ash, bottom ash, and flue gas desulfurization (FGD) scrubber sludge. The Site has six regulated coal combustion residual (CCR) management units that are subject to regulation under Title 40, Code of Federal Regulations, Part 257 (40 CFR §257) (a.k.a. the CCR Rule). These include four units within the Solid Waste Disposal Area (SWDA, Solid Waste Management Unit (SWMU) 001): Landfill cells 1C, 2A (which contains the Pug Mill), 2B, and 3), along with the Air Preheater Pond (SWMU 021), and the FGD Emergency Pond (E-Pond, SWMU 020).

This report was produced by Environmental Resource Management, Inc. (ERM), on behalf of NRG Texas Power, LLC, and focuses on the initial annual groundwater monitoring results for the E Pond in compliance with the CCR. The report summarizes the groundwater sampling activity at the Site over the last two years as required by §257.90. Consistent with the notification requirements of the Rule, this annual groundwater monitoring report will be posted to the operational record, notification will be made to the State of Texas, and the report will be placed on the publically accessible internet site (§257.105(h), §257.106(h), §257.107(h)). The report must be posted to the operational record no later than January 31, 2018. Table 1-1 cross references the reporting requirements under the CCR Rule with the contents of this report.

The FGD Emergency Pond (hereafter the "E Pond") is located within the main Plant Operations Area (Plant Area). The E Pond is approximately 200 feet by 110 feet and is about 0.5 acres in aerial extent. The pond receives storm water runoff from the FGD dewatering area and also blowdown from the FGD system. When the FGD system goes off line, this pond may also receive the contents of an FGD process vessel (Landy and Sargent, 2016).

TABLE 1-1: Regulatory Requirement Cross-Reference Table

Regulatory Citation in 40 CFR §257	Requirement (paraphrased)	Associated Section in this Report
§257.90(e)	Status of the groundwater monitoring program.	Section 2.0
§257.90(e)	Summarize key actions completed.	Section 2.2
§257.90(e)	Describe any problems encountered.	Section 2.0
§257.90(e)	Key activities for upcoming year.	Section 3.0
§257.90(e)(1)	Map, aerial image or diagram of CCR Unit and monitor wells	Figure 2.1
§257.90(e)(2)	Identification of new monitor wells installed or abandoned during the preceding year.	There were no new monitor wells installed or abandoned during the preceding year.
§257.90(e)(3)	Summary of groundwater data, wells sampled, date sampled, and whether sample was required under detection or assessment monitoring.	Tables 2-1 and 2-2, Appendix A
§257.90(e)(4)	Narrative discussion of any transition between monitoring programs.	Section 3.0

2.0

PROGRAM STATUS

Over the past two years, samples were collected from the certified monitor well network. The groundwater monitor well network consists of two upgradient monitor wells, MW-36, MW-60 and three downgradient monitor wells MW-37, MW-38, and MW-61. All of the monitor wells are screened in the uppermost transmissive zone at the Plant Area. The uppermost aquifer averages approximately 10 feet in thickness at the E Pond and consists of brown, silty sand with various percentages of silt and sand with trace clays. The sand is fine- to coarse-grained, loose, and exhibits high moisture content (wet to saturated). The uppermost transmissive zone is located below a confining layer of silty clay with some sandy clay, clay, and sandy silt average thickness of 15 to 25 ft. A clay rich unit is located immediately below the uppermost transmissive zone.

The well locations can be viewed on the site location map provided in Figure 2-1. No problems were encountered in the data collection or in well performance, and no action was required to resolve any issues. No new wells were installed or decommissioned after the certification of the well network.

2.1

GROUNDWATER FLOW RATE AND DIRECTION

Depth to groundwater measurements were made at each monitor well prior to each sampling event. Groundwater elevations, calculated by subtracting the depth to groundwater from the surveyed reference elevation for each well, were reviewed for each sampling event.

The hydraulic gradient for the sampling events was generally from the northeast to the southwest across the E Pond. The hydraulic gradient value for the October 2017 event was 0.0218 feet/foot (ft/ft). This range is consistent with other events. Based on the measured hydraulic gradient of 0.0218, an assumed porosity of 0.3, and an average measured hydraulic conductivity of 0.0056 ft/min (ERM, 2017), the velocity of groundwater in the uppermost transmissive zone beneath the E Pond is estimated to be approximately 214 feet per year. Potentiometric surface maps can be found in Figure 2-2.

2.2

SAMPLING SUMMARY

A summary of the total number of samples collected for each well is provided in Table 2-1 and 2-2. Table 2-1 displays the wells upgradient of the CCR Unit while Table 2-2 displays the wells downgradient of the CCR Unit.

TABLE 2-1: Sampling Dates for Each Upgradient Well

Sample Date	MW-36	MW-60
2016-07-07	X	
2016-09-01	X	
2016-10-12	X	
2016-12-01	X	X
2017-01-11	X	X
2017-02-08		X
2017-03-06	X	X
2017-04-06		X
2017-05-18	X	X
2017-06-15		X
2017-07-20	X	X
2017-10-09	X	X
Total	9	9

TABLE 2-2: Sampling Dates for Each Downgradient Well

Sample Date	MW-37	MW-38	MW-61
2016-07-07	X		
2016-07-08		X	
2016-09-01	X	X	
2016-12-01	X	X	X
2017-01-11	X	X	X
2017-02-08	X	X	X
2017-03-06	X		X
2017-03-09		X	
2017-04-06			X
2017-05-17		X	
2017-05-18	X		X
2017-06-15			X
2017-07-20	X	X	X
2017-10-09	X	X	X
Total	9	9	9

During sampling events through July 2017 wells were sampled for the Appendix III and Appendix IV analytes. Samples collected in October 2017 were analyzed for Appendix III analytes only. A summary of the data collected is provided in Appendix A.

ERM reviewed field and laboratory documentation to assess the validity, reliability, and usability of the analytical results. Samples collected during the sampling events were sent to TestAmerica Laboratories, Inc. (TestAmerica), located in Houston, Texas for analysis. TestAmerica – Houston made arrangements for samples to be transported to TestAmerica located in Corpus Christi, Texas for analysis of select constituents. Chain-of-Custody procedures were followed throughout the sample handling process. Data quality information reviewed for these results included field sampling forms, chain-of-custody documentation, holding times, lab methods, cooler temperatures, laboratory method blanks, laboratory control sample recoveries, field duplicate samples, matrix spikes / matrix spike duplicates, quantitation limits, and equipment blanks following the Texas Risk Reduction Program requirements (TRRP-13). The data quality review found the results to be valid, reliable, and useable for decision making purposes with the listed qualifiers. No analytical results were rejected.

RECOMMENDATIONS

As the initial sample dataset has been collected, statistical analysis to determine upper prediction limits for comparisons of future groundwater results will be reported in the 2018 Annual Groundwater Monitoring Report. The first round of sampling for Detection Monitoring will be conducted during the First Half of 2018.

ERM. 2017. Groundwater Monitoring Network for Coal Combustions Residuals Rule Compliance. W.A. Parish. Thompsons, TX.

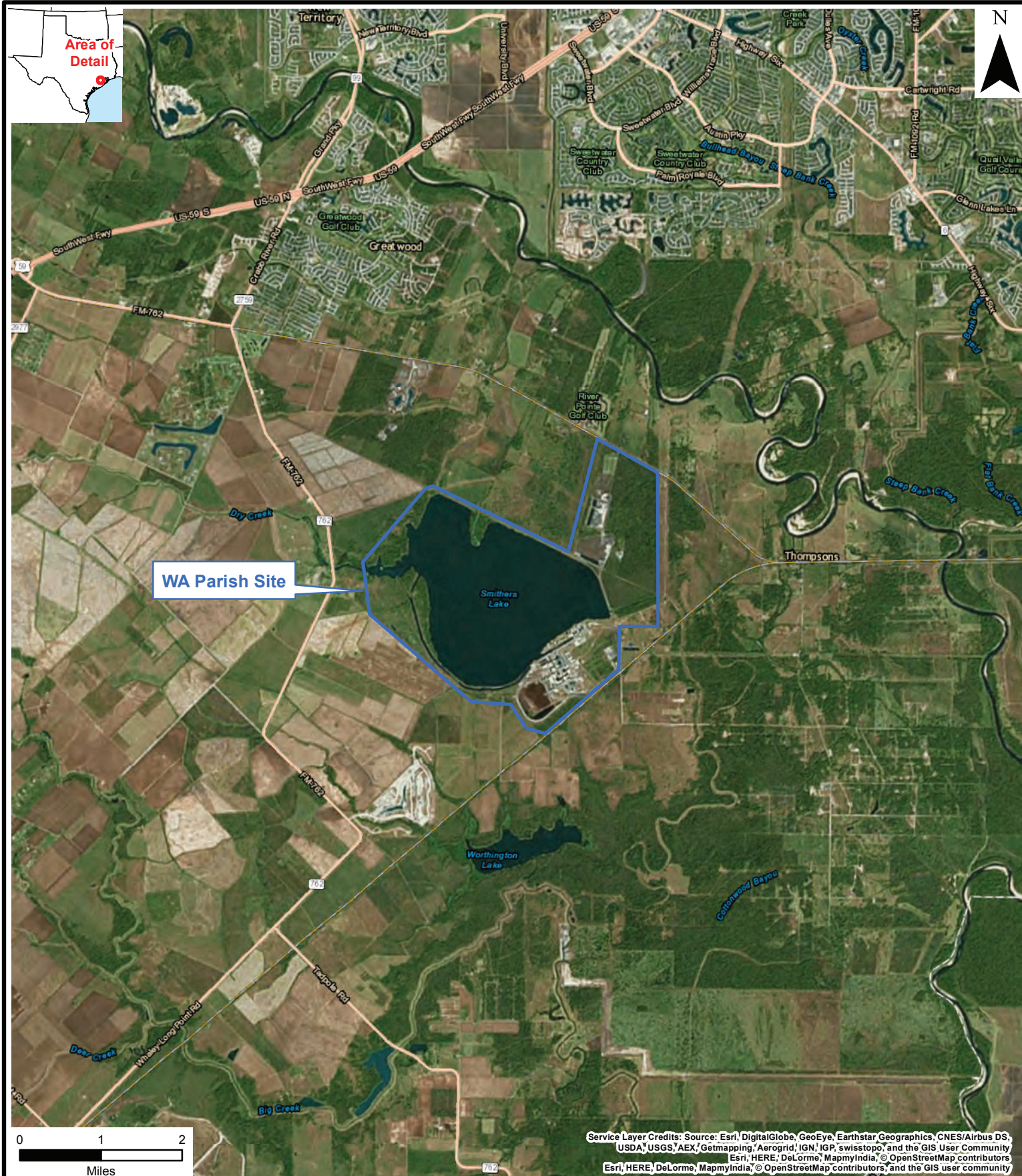
Sargent & Lundy. 2016. *Linear Documentation for Existing CCR Surface Impoundments*. NRG Texas Power LLC W. A. Parish Station, Units 5, 6, 7, & 8.

Figures

January 30, 2018
Project No. 0289614

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Environmental Resources Management

DESIGN:	DLW	DRAWN:	EFC	CHKD.:	.
DATE:	3/9/2016	SCALE:	AS SHOWN	REVISION:	0
W.O.NO.: H:\DWG\IC16\0337925_SiteLoc.mxd, 3/9/2016 3:25:19 PM					

FIGURE 1-1
SITE LOCATION MAP
NRG Texas Power, LLC
W.A. Parish Station
Thompsons, Texas





Environmental Resources Management

DESIGN:	P. Moore	DRAWN:	MAK	CHKD.:	..
DATE:	9/27/2017	SCALE:	AS SHOWN	REVISION:	0
FILE: P:\Projects\0289614 NRG Energy CCR Landfills GW Prgm - WAP.CA\GIS\MXD\Fig2-1_CCR_Units.mxd					

FIGURE 1-2
COAL COMBUSTION
RESIDUAL UNITS
NRG Texas Power, LLC
W.A. Parish Station
Thompsons, Texas

Legend

CCR Unit Boundary





Environmental Resources Management

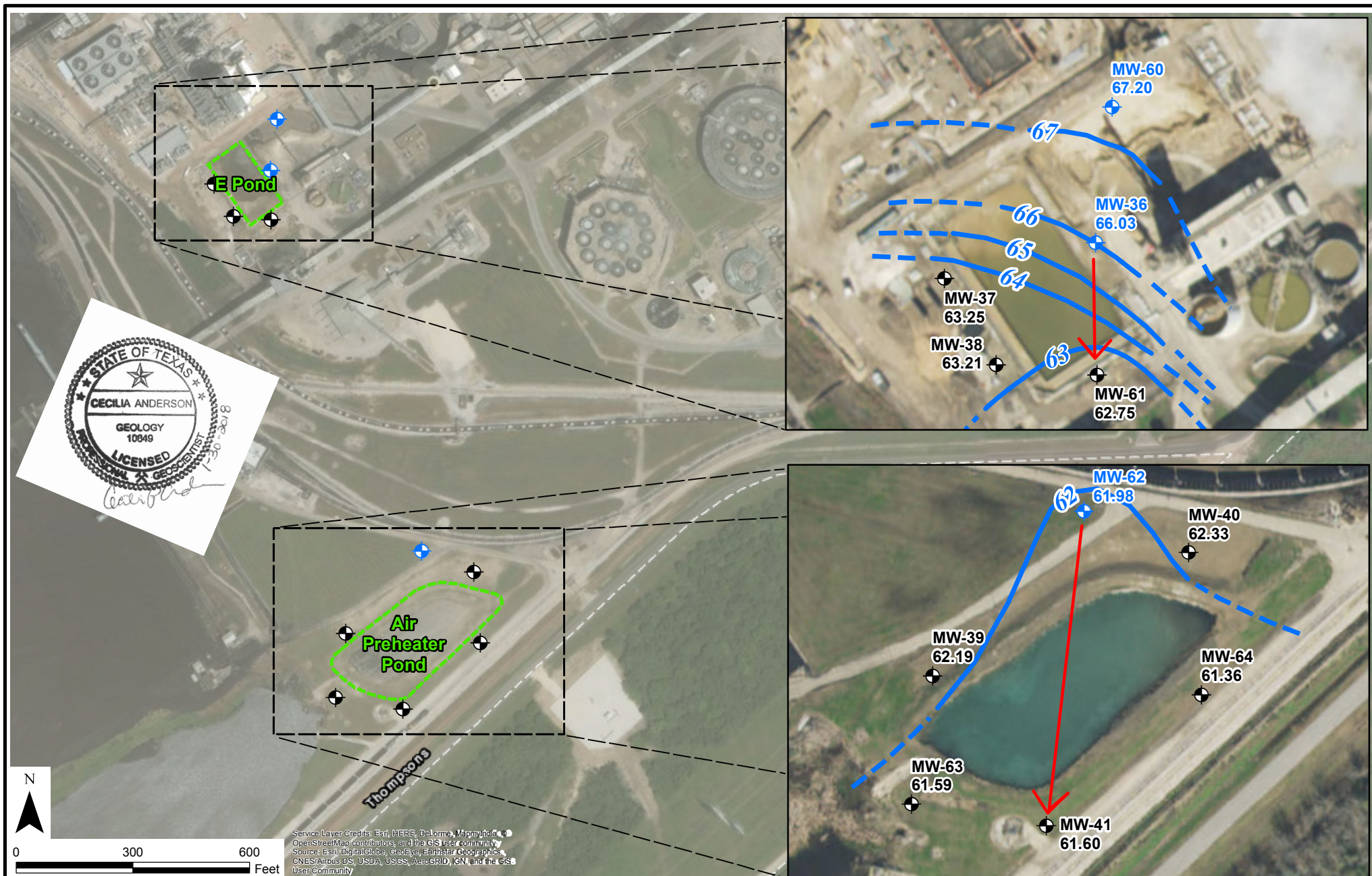
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FIGURE 2-1
MONITOR WELL NETWORKS
NRG Texas Power, LLC
W.A. Parish Station
Thompsons, Texas

Legend

- Monitor Well
- Upgradient Monitor Well
- CCR Unit Boundary





Environmental Resources Management

FIGURE 2-2
 POTENTIOMETRIC SURFACE MAP
 OCTOBER 9, 2017
 NRG Texas Power, LLC
 W.A. Parish Station
 Thompsons, Texas

DESIGN:	LL	DRAWN:	EFC	CHKD.:	..
DATE:	1/30/2018	SCALE:	AS SHOWN	REVISION:	0

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Groundwater Analytical Results
Appendix A

January 30, 2018
Project No. 0289614

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Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1410	mg/L			Y	9.57	50.0	50.0
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	43.2	mg/L			Y	5.34	40.0	40.0
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	2	mg/L	U	U	N	0.601	2.00	2.00
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2190	mg/L			Y	20.0	20.0	20.0
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.49	mg/L			Y	0.0700	0.100	0.100
DUP-001-20171009-01	MW-38	FD	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	616	mg/L		J	Y	1.98	5.00	5.00
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	230	mg/L			Y	1.91	10.0	10.0
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	309	mg/L			Y	1.07	8.00	8.00
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	4.27	mg/L			Y	1.20	4.00	4.00
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1350	mg/L			Y	20.0	20.0	20.0
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0871	mg/L	J	J	Y	0.0700	0.100	0.100
DUP-011117	MW-60	FD	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	193	mg/L			Y	0.198	0.500	0.500
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	876	mg/L			Y	4.79	25.0	25.0
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	284	mg/L			Y	2.67	20.0	20.0
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.562	mg/L			Y	0.0601	0.200	0.200
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1600	mg/L			Y	20.0	20.0	20.0
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0939	mg/L	J	J	Y	0.0700	0.100	0.100
MW-36-20160707-01	MW-36	N	7/7/2016	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	241	mg/L			Y	0.198	0.500	0.500
MW-36-20160707-02	MW-36	N	7/7/2016	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.86	pH units			Y			
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	655	mg/L			Y	9.57	50.0	50.0
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	259	mg/L	b		Y	5.34	40.0	40.0
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	20	mg/L	U	U	N	6.01	20.0	20.0
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1980	mg/L			Y	20.0	20.0	20.0
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0835	mg/L	J	J	Y	0.0700	0.100	0.100
MW-36-20160901-01	MW-36	N	9/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	197	mg/L			Y	0.198	0.500	0.500
MW-36-20160901-02	MW-36	N	9/1/2016	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.91	pH units			Y			
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	498	mg/L			Y	9.57	50.0	50.0
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	291	mg/L			Y	5.34	40.0	40.0
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.87	mg/L			Y	0.120	0.400	0.400
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1580	mg/L			Y	20.0	20.0	20.0
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0816	mg/L	J	J	Y	0.0700	0.100	0.100
MW-36-20161012-01	MW-36	N	10/12/2016	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	245	mg/L			Y	0.198	0.500	0.500
MW-36-20161012-02	MW-36	N	10/12/2016	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.86	pH units			Y			
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	365	mg/L			Y	1.91	10.0	10.0
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	241	mg/L	b		Y	1.07	8.00	8.00
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.2	mg/L		JL	Y	0.0601	0.200	0.200
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1420	mg/L			Y	20.0	20.0	20.0
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0825	mg/L	J	JH	Y	0.0700	0.100	0.100
MW-36-20161201-01	MW-36	N	12/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	240	mg/L	b		Y	0.198	0.500	0.500
MW-36-20161201-02	MW-36	N	12/1/2016	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.87	pH units			Y			
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	612	mg/L			Y	1.91	10.0	10.0
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	284	mg/L			Y	1.07	8.00	8.00
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	4.41	mg/L			Y	1.20	4.00	4.00
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1680	mg/L			Y	20.0	20.0	20.0
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.155	mg/L			Y	0.0700	0.100	0.100
MW-36-20170111-01	MW-36	N	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	222	mg/L			Y	0.198	0.500	0.500
MW-36-20170111-02	MW-36	N	1/11/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.82	pH units			Y			
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	556	mg/L			Y	9.57	50.0	50.0
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	275	mg/L			Y	5.34	40.0	40.0
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1.57	mg/L			Y	0.301	1.00	1.00
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1350	mg/L			Y	20.0	20.0	20.0
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.125	mg/L			Y	0.0700	0.100	0.100

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-36-20170306-01	MW-36	N	3/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	278	mg/L			Y	0.198	0.500	0.500
MW-36-20170306-02	MW-36	N	3/6/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.91	pH units			Y			
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	405	mg/L			Y	9.57	50.0	50.0
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	313	mg/L			Y	5.34	40.0	40.0
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1.83	mg/L			Y	0.301	1.00	1.00
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1590	mg/L			Y	20.0	20.0	20.0
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0814	mg/L	J	J	Y	0.0700	0.100	0.100
MW-36-20170518-01	MW-36	N	5/18/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	213	mg/L	b		Y	0.198	0.500	0.500
MW-36-20170518-02	MW-36	N	5/18/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.89	pH units			Y			
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	406	mg/L			Y	9.57	50.0	50.0
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	269	mg/L			Y	5.34	40.0	40.0
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.632	mg/L	J	J	Y	0.301	1.00	1.00
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1510	mg/L			Y	20.0	20.0	20.0
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.1	mg/L	U	U	N	0.0700	0.100	0.100
MW-36-20170720-01	MW-36	N	7/20/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	281	mg/L			Y	0.198	0.500	0.500
MW-36-20170720-02	MW-36	N	7/20/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.84	pH units			Y			
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	503	mg/L			Y	9.57	50.0	50.0
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	331	mg/L			Y	5.34	40.0	40.0
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1	mg/L	U	U	N	0.301	1.00	1.00
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1480	mg/L			Y	20.0	20.0	20.0
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0822	mg/L	J	J	Y	0.0700	0.100	0.100
MW-36-20171009-01	MW-36	N	10/9/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	266	mg/L		J	Y	0.198	0.500	0.500
MW-36-20171009-02	MW-36	N	10/9/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.86	pH units			Y			
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	895	mg/L			Y	4.79	25.0	25.0
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	259	mg/L			Y	2.67	20.0	20.0
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.446	mg/L			Y	0.0601	0.200	0.200
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1910	mg/L			Y	20.0	20.0	20.0
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.27	mg/L			Y	0.0700	0.100	0.100
MW-37-20160707-01	MW-37	N	7/7/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	217	mg/L			Y	0.198	0.500	0.500
MW-37-20160707-02	MW-37	N	7/7/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.74	pH units			Y			
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	642	mg/L			Y	9.57	50.0	50.0
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	271	mg/L	b		Y	5.34	40.0	40.0
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	20	mg/L	U	U	N	6.01	20.0	20.0
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2210	mg/L			Y	20.0	20.0	20.0
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.258	mg/L			Y	0.0700	0.100	0.100
MW-37-20160901-01	MW-37	N	9/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	221	mg/L			Y	0.198	0.500	0.500
MW-37-20160901-02	MW-37	N	9/1/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.8	pH units			Y			
MW-37-20161201-01	MW-37	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.299	mg/L		JH	Y	0.0700	0.100	0.100
MW-37-20161201-01	MW-37	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	220	mg/L	b		Y	0.198	0.500	0.500
MW-37-20161201-02	MW-37	N	12/1/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.9	pH units			Y			
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	772	mg/L			Y	1.91	10.0	10.0
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	264	mg/L			Y	1.07	8.00	8.00
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	4.3	mg/L			Y	1.20	4.00	4.00
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1910	mg/L			Y	20.0	20.0	20.0
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.287	mg/L			Y	0.0700	0.100	0.100
MW-37-20170111-01	MW-37	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	208	mg/L			Y	0.198	0.500	0.500
MW-37-20170111-02	MW-37	N	1/11/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.65	pH units			Y			
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	712	mg/L			Y	9.57	50.0	50.0
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	260	mg/L			Y	5.34	40.0	40.0
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.57	mg/L			Y	0.301	1.00	1.00
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1840	mg/L			Y	20.0	20.0	20.0
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.358	mg/L			Y	0.0700	0.100	0.100

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-37-20170208-01	MW-37	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	247	mg/L	b		Y	0.198	0.500	0.500
MW-37-20170208-02	MW-37	N	2/8/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.87	pH units			Y			
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	679	mg/L			Y	9.57	50.0	50.0
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	257	mg/L			Y	5.34	40.0	40.0
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.66	mg/L			Y	0.301	1.00	1.00
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1800	mg/L			Y	20.0	20.0	20.0
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.357	mg/L			Y	0.0700	0.100	0.100
MW-37-20170306-01	MW-37	N	3/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	248	mg/L			Y	0.198	0.500	0.500
MW-37-20170306-02	MW-37	N	3/6/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.67	pH units			Y			
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	971	mg/L			Y	9.57	50.0	50.0
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	255	mg/L			Y	5.34	40.0	40.0
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.56	mg/L			Y	0.301	1.00	1.00
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2120	mg/L			Y	20.0	20.0	20.0
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.271	mg/L			Y	0.0700	0.100	0.100
MW-37-20170518-01	MW-37	N	5/18/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	193	mg/L	b		Y	0.198	0.500	0.500
MW-37-20170518-02	MW-37	N	5/18/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.81	pH units			Y			
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	631	mg/L			Y	9.57	50.0	50.0
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	280	mg/L			Y	5.34	40.0	40.0
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.475	mg/L	J	J	Y	0.301	1.00	1.00
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1800	mg/L			Y	20.0	20.0	20.0
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.26	mg/L			Y	0.0700	0.100	0.100
MW-37-20170720-01	MW-37	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	258	mg/L			Y	0.198	0.500	0.500
MW-37-20170720-02	MW-37	N	7/20/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.73	pH units			Y			
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	633	mg/L			Y	9.57	50.0	50.0
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	243	mg/L			Y	5.34	40.0	40.0
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1	mg/L	U	U	N	0.301	1.00	1.00
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	1820	mg/L			Y	20.0	20.0	20.0
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.296	mg/L			Y	0.0700	0.100	0.100
MW-37-20171009-01	MW-37	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	249	mg/L		J	Y	0.198	0.500	0.500
MW-37-20171009-02	MW-37	N	10/9/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.74	pH units			Y			
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	770	mg/L			Y	9.57	50.0	50.0
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	790	mg/L			Y	5.34	40.0	40.0
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.46	mg/L			Y	0.120	0.400	0.400
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2600	mg/L			Y	20.0	20.0	20.0
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.128	mg/L			Y	0.0700	0.100	0.100
MW-38-20160708-01	MW-38	N	7/8/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	230	mg/L			Y	0.198	0.500	0.500
MW-38-20160708-02	MW-38	N	7/8/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.56	pH units			Y			
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	608	mg/L			Y	9.57	50.0	50.0
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	801	mg/L	b		Y	5.34	40.0	40.0
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	20	mg/L	U	U	N	6.01	20.0	20.0
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	3230	mg/L			Y	20.0	20.0	20.0
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.205	mg/L			Y	0.0700	0.100	0.100
MW-38-20160901-01	MW-38	N	9/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	221	mg/L			Y	0.198	0.500	0.500
MW-38-20160901-02	MW-38	N	9/1/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.02	pH units			Y			
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	872	mg/L			Y	1.91	10.0	10.0
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	354	mg/L	b		Y	1.07	8.00	8.00
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.2	mg/L	U	UJL	N	0.0601	0.200	0.200
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2250	mg/L			Y	20.0	20.0	20.0
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	0.91	mg/L		JH	Y	0.0700	0.100	0.100
MW-38-20161201-01	MW-38	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	378	mg/L	b		Y	0.198	0.500	0.500
MW-38-20161201-02	MW-38	N	12/1/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	8.17	pH units			Y			
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	2000	mg/L			Y	9.57	50.0	50.0

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	31.5	mg/L			Y	1.07	8.00	8.00
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	5.8	mg/L			Y	1.20	4.00	4.00
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	3000	mg/L			Y	20.0	20.0	20.0
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	2.74	mg/L			Y	0.0700	0.100	0.100
MW-38-20170111-01	MW-38	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	565	mg/L			Y	1.98	5.00	5.00
MW-38-20170111-02	MW-38	N	1/11/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.84	pH units			Y			
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1810	mg/L			Y	9.57	50.0	50.0
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	57.7	mg/L			Y	5.34	40.0	40.0
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	21.8	mg/L			Y	6.01	20.0	20.0
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2580	mg/L			Y	20.0	20.0	20.0
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	2.03	mg/L			Y	0.0700	0.100	0.100
MW-38-20170208-01	MW-38	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	858	mg/L	b		Y	1.98	5.00	5.00
MW-38-20170208-02	MW-38	N	2/8/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.81	pH units			Y			
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	2170	mg/L			Y	9.57	50.0	50.0
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	44.6	mg/L	b		Y	5.34	40.0	40.0
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	2.67	mg/L			Y	0.301	1.00	1.00
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2660	mg/L		JL	Y	20.0	20.0	20.0
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	2.76	mg/L			Y	0.0700	0.100	0.100
MW-38-20170309-01	MW-38	N	3/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	758	mg/L			Y	1.98	5.00	5.00
MW-38-20170309-02	MW-38	N	3/9/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	8.01	pH units			Y			
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	3300	mg/L			Y	19.1	100	100
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	19.1	mg/L			Y	0.534	4.00	4.00
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.88	mg/L	J	J	Y	0.601	2.00	2.00
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2550	mg/L			Y	20.0	20.0	20.0
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.55	mg/L			Y	0.0700	0.100	0.100
MW-38-20170517-01	MW-38	N	5/17/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	479	mg/L	b		Y	0.198	0.500	0.500
MW-38-20170517-02	MW-38	N	5/17/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.76	pH units			Y			
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	Dilution	Downgradient	N	E300	16887-00-6	Chloride	22.4	mg/L			Y	0.400	4.00	4.00
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	DILUTION	Downgradient	N	E300	14808-79-8	Sulfate	1370	mg/L			Y	10.0	100	100
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.943	mg/L			Y	0.0260	0.100	0.100
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2470	mg/L			Y	100	100	100
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.96	mg/L			Y	0.0700	0.100	0.100
MW-38-20170720-01	MW-38	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	609	mg/L			Y	1.98	5.00	5.00
MW-38-20170720-02	MW-38	N	7/20/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.89	pH units			Y			
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1520	mg/L			Y	9.57	50.0	50.0
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	48.7	mg/L			Y	5.34	40.0	40.0
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.75	mg/L	J	J	Y	0.601	2.00	2.00
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2210	mg/L			Y	20.0	20.0	20.0
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.38	mg/L			Y	0.0700	0.100	0.100
MW-38-20171009-01	MW-38	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	655	mg/L		J	Y	1.98	5.00	5.00
MW-38-20171009-02	MW-38	N	10/9/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	7.93	pH units			Y			
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	183	mg/L			Y	1.91	10.0	10.0
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	249	mg/L	b		Y	1.07	8.00	8.00
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.287	mg/L		JL	Y	0.0601	0.200	0.200
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1240	mg/L			Y	20.0	20.0	20.0
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.114	mg/L		JH	Y	0.0700	0.100	0.100
MW-60-20161201-01	MW-60	N	12/1/2016	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	212	mg/L	b		Y	0.198	0.500	0.500
MW-60-20161201-02	MW-60	N	12/1/2016	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.77	pH units			Y			
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	241	mg/L			Y	1.91	10.0	10.0
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	320	mg/L			Y	1.07	8.00	8.00
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	4.24	mg/L			Y	1.20	4.00	4.00
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1230	mg/L			Y	20.0	20.0	20.0

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0733	mg/L	J	J	Y	0.0700	0.100	0.100
MW-60-20170111-01	MW-60	N	1/11/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	186	mg/L			Y	0.198	0.500	0.500
MW-60-20170111-02	MW-60	N	1/11/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.67	pH units			Y			
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	260	mg/L			Y	9.57	50.0	50.0
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	304	mg/L			Y	5.34	40.0	40.0
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	20.9	mg/L			Y	6.01	20.0	20.0
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1290	mg/L			Y	20.0	20.0	20.0
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.122	mg/L			Y	0.0700	0.100	0.100
MW-60-20170208-01	MW-60	N	2/8/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	221	mg/L	b		Y	0.198	0.500	0.500
MW-60-20170208-02	MW-60	N	2/8/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.8	pH units			Y			
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	242	mg/L			Y	9.57	50.0	50.0
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	299	mg/L			Y	5.34	40.0	40.0
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1.33	mg/L			Y	0.301	1.00	1.00
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1270	mg/L			Y	20.0	20.0	20.0
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.132	mg/L			Y	0.0700	0.100	0.100
MW-60-20170306-01	MW-60	N	3/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	248	mg/L			Y	0.198	0.500	0.500
MW-60-20170306-02	MW-60	N	3/6/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.68	pH units			Y			
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	268	mg/L			Y	4.79	25.0	25.0
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	300	mg/L			Y	2.67	20.0	20.0
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.553	mg/L			Y	0.120	0.400	0.400
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1450	mg/L			Y	20.0	20.0	20.0
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.103	mg/L			Y	0.0700	0.100	0.100
MW-60-20170406-01	MW-60	N	4/6/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	221	mg/L			Y	0.198	0.500	0.500
MW-60-20170406-02	MW-60	N	4/6/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.64	pH units			Y			
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	203	mg/L			Y	2.39	12.5	12.5
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	341	mg/L			Y	5.34	40.0	40.0
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1.75	mg/L			Y	0.301	1.00	1.00
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1290	mg/L			Y	20.0	20.0	20.0
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0935	mg/L	J	J	Y	0.0700	0.100	0.100
MW-60-20170518-01	MW-60	N	5/18/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	205	mg/L	b		Y	0.198	0.500	0.500
MW-60-20170518-02	MW-60	N	5/18/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.63	pH units			Y			
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	228	mg/L			Y	0.957	5.00	5.00
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	290	mg/L			Y	5.34	40.0	40.0
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.513	mg/L			Y	0.120	0.400	0.400
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1350	mg/L			Y	20.0	20.0	20.0
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0931	mg/L	J	J	Y	0.0700	0.100	0.100
MW-60-20170615-01	MW-60	N	6/15/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	195	mg/L			Y	0.198	0.500	0.500
MW-60-20170615-02	MW-60	N	6/15/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.54	pH units			Y			
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	180	mg/L			Y	9.57	50.0	50.0
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	320	mg/L			Y	5.34	40.0	40.0
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	0.49	mg/L	J	J	Y	0.301	1.00	1.00
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1280	mg/L			Y	20.0	20.0	20.0
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0706	mg/L	J	J	Y	0.0700	0.100	0.100
MW-60-20170720-01	MW-60	N	7/20/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	258	mg/L			Y	0.198	0.500	0.500
MW-60-20170720-02	MW-60	N	7/20/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.61	pH units			Y			
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	N	E300	14808-79-8	Sulfate	189	mg/L			Y	9.57	50.0	50.0
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	N	E300	16887-00-6	Chloride	340	mg/L			Y	5.34	40.0	40.0
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	N	E300	16984-48-8	Fluoride	1	mg/L	U	U	N	0.301	1.00	1.00
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	T	SM 2540C	TDS	Total dissolved solids	1230	mg/L			Y	20.0	20.0	20.0
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	T	SW6020	7440-42-8	Boron	0.0965	mg/L	J	J	Y	0.0700	0.100	0.100
MW-60-20171009-01	MW-60	N	10/9/2017	EPond	Initial	Upgradient	T	SW6020	7440-70-2	Calcium	240	mg/L		J	Y	0.198	0.500	0.500
MW-60-20171009-02	MW-60	N	10/9/2017	EPond	Initial	Upgradient	N	FIELD	F-pHW	pH, Field	6.64	pH units			Y			

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1180	mg/L			Y	4.79	25.0	25.0
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	150	mg/L	b		Y	1.07	8.00	8.00
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.2	mg/L	U	UJL	N	0.0601	0.200	0.200
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2890	mg/L			Y	20.0	20.0	20.0
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.23	mg/L			Y	0.0700	0.100	0.100
MW-61-20161201-01	MW-61	N	12/1/2016	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	383	mg/L	b		Y	0.198	0.500	0.500
MW-61-20161201-02	MW-61	N	12/1/2016	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.75	pH units			Y			
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1680	mg/L			Y	9.57	50.0	50.0
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	168	mg/L			Y	1.07	8.00	8.00
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	4.23	mg/L			Y	1.20	4.00	4.00
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	3070	mg/L			Y	20.0	20.0	20.0
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.16	mg/L			Y	0.0700	0.100	0.100
MW-61-20170111-01	MW-61	N	1/11/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	312	mg/L			Y	0.198	0.500	0.500
MW-61-20170111-02	MW-61	N	1/11/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.67	pH units			Y			
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1680	mg/L			Y	9.57	50.0	50.0
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	162	mg/L			Y	5.34	40.0	40.0
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	2.37	mg/L			Y	0.601	2.00	2.00
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2840	mg/L			Y	20.0	20.0	20.0
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.2	mg/L			Y	0.0700	0.100	0.100
MW-61-20170208-01	MW-61	N	2/8/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	360	mg/L	b		Y	0.198	0.500	0.500
MW-61-20170208-02	MW-61	N	2/8/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.91	pH units			Y			
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1730	mg/L			Y	9.57	50.0	50.0
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	155	mg/L			Y	5.34	40.0	40.0
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	2.5	mg/L			Y	0.601	2.00	2.00
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2840	mg/L			Y	20.0	20.0	20.0
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.31	mg/L			Y	0.0700	0.100	0.100
MW-61-20170306-01	MW-61	N	3/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	387	mg/L			Y	0.198	0.500	0.500
MW-61-20170306-02	MW-61	N	3/6/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.77	pH units			Y			
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	2160	mg/L			Y	9.57	50.0	50.0
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	196	mg/L			Y	5.34	40.0	40.0
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.851	mg/L	J	J	Y	0.601	2.00	2.00
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2840	mg/L			Y	20.0	20.0	20.0
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.15	mg/L			Y	0.0700	0.100	0.100
MW-61-20170406-01	MW-61	N	4/6/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	334	mg/L			Y	0.198	0.500	0.500
MW-61-20170406-02	MW-61	N	4/6/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.73	pH units			Y			
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1450	mg/L			Y	9.57	50.0	50.0
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	154	mg/L			Y	0.267	2.00	2.00
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	1.61	mg/L			Y	0.301	1.00	1.00
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	3290	mg/L			Y	20.0	20.0	20.0
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.07	mg/L			Y	0.0700	0.100	0.100
MW-61-20170518-01	MW-61	N	5/18/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	293	mg/L	b		Y	0.198	0.500	0.500
MW-61-20170518-02	MW-61	N	5/18/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.78	pH units			Y			
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1960	mg/L			Y	9.57	50.0	50.0
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	136	mg/L			Y	5.34	40.0	40.0
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.908	mg/L	J	J	Y	0.601	2.00	2.00
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2820	mg/L			Y	20.0	20.0	20.0
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.26	mg/L			Y	0.0700	0.100	0.100
MW-61-20170615-01	MW-61	N	6/15/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	269	mg/L			Y	0.198	0.500	0.500
MW-61-20170615-02	MW-61	N	6/15/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.63	pH units			Y			
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1450	mg/L			Y	9.57	50.0	50.0
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	149	mg/L			Y	0.267	2.00	2.00
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	0.596	mg/L	J	J	Y	0.301	1.00	1.00

Appendix A
Summary of Analytical Data
NRG - W.A. Parish Electrical Generating Station
Thompsons, Texas

SYS_SAMPLE_CODE	SYS_LOC_CODE	SAMPLE_TYPE_CODE	SAMPLE_DATE	SUBFACILITY_CODE	TEST_TYPE	LOC_DESC	FRACTION	ANALYTIC_METHOD	CAS_RN	CHEMICAL_NAME	REPORT_RESULT_VALUE	REPORT_RESULT_UNIT	LAB_QUALIFIERS	INTERPRETED_QUALIFIERS	DETECT_FLAG	METHOD_DETECTION_LIMIT	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2820	mg/L			Y	20.0	20.0	20.0
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	5	mg/L	U	U	N	3.50	5.00	5.00
MW-61-20170720-01	MW-61	N	7/20/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	384	mg/L			Y	0.198	0.500	0.500
MW-61-20170720-02	MW-61	N	7/20/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.75	pH units			Y			
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	N	E300	14808-79-8	Sulfate	1300	mg/L			Y	9.57	50.0	50.0
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16887-00-6	Chloride	163	mg/L			Y	5.34	40.0	40.0
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	N	E300	16984-48-8	Fluoride	2	mg/L	U	U	N	0.601	2.00	2.00
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	T	SM 2540C	TDS	Total dissolved solids	2660	mg/L			Y	20.0	20.0	20.0
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-42-8	Boron	1.11	mg/L			Y	0.0700	0.100	0.100
MW-61-20171009-01	MW-61	N	10/9/2017	EPond	Initial	Downgradient	T	SW6020	7440-70-2	Calcium	335	mg/L		J	Y	0.198	0.500	0.500
MW-61-20171009-02	MW-61	N	10/9/2017	EPond	Initial	Downgradient	N	FIELD	F-pHW	pH, Field	6.82	pH units			Y			

NOTES:

- 1. Samples with FD in the Sample ID are blind field duplicates collected from the location in SYS_LOC_CODE column.
- 2. Results reported in milligrams per liter (mg/L) except for pH which is reported in standard units (pH units).

QUALIFIERS:

- U - Result reported as not detected above the sample detection limit (SDL), or result qualified as not detected at an estimated SDL due to blank contamination.
- J - Result reported as detected between the SDL and the Method Quantitation Limit (MQL) or result qualified as detected at an estimated concentration.
- JH - Result qualified as detected at an estimated concentration with a high bias.
- H - Sample analyzed outside hold time.
- JL - Result qualified as detected at an estimated concentration with a low bias.
- b - Blank contamination noted by laboratory.