

**2017 ANNUAL GROUNDWATER MONITORING
AND
CORRECTIVE ACTION REPORT**

**BOTTOM ASH IMPOUNDMENT
LA CYGNE GENERATING STATION
LA CYGNE, KANSAS**

Presented To:

Kansas City Power & Light Company

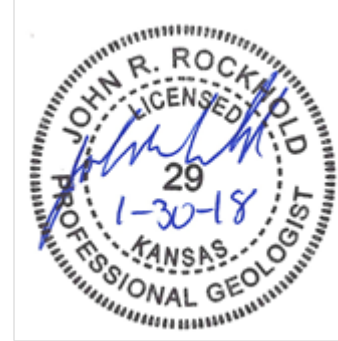
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January 30, 2018
File Number 27217233.00

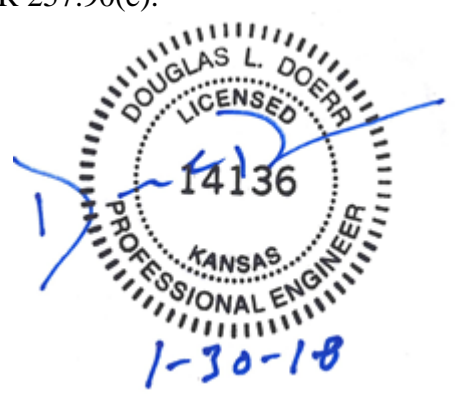
CERTIFICATIONS

I, John R. Rockhold, being a qualified groundwater scientist and Professional Geologist in the State of Kansas, do hereby certify that the 2017 Annual Groundwater Monitoring and Corrective Action Report for the Bottom Ash Impoundment at the La Cygne Generating Station was prepared by me or under my direct supervision and fulfills the requirements of 40 CFR 257.90(e).



John R. Rockhold, P.G.
SCS Engineers

I, Douglas L. Doerr, being a qualified licensed Professional Engineer in the State of Kansas, do hereby certify that the 2017 Annual Groundwater Monitoring and Corrective Action Report for the Bottom Ash Impoundment at the La Cygne Generating Station was prepared by me or under my direct supervision and fulfills the requirements of 40 CFR 257.90(e).



Douglas L. Doerr, P.E.
SCS Engineers

Table of Contents

Section	Page
CERTIFICATIONS	i
1 INTRODUCTION.....	1
2 § 257.90(E) ANNUAL REPORT REQUIREMENTS	1
2.1 § 257.90(e)(1) Site Map	1
2.2 § 257.90(e)(2) Monitoring System Changes	2
2.3 § 257.90(e)(3) Summary of Sampling Events.....	2
2.4 § 257.90(e)(4) Monitoring Transition Narrative.....	2
2.5 § 257.90(e)(5) Other Requirements	2
2.5.1 § 257.90(e)	3
2.5.2 § 257.94(d)(3).....	3
2.5.3 § 257.94(e)(2)	3
2.5.4 § 257.95(c)(3).....	4
2.5.5 § 257.95(d)(3).....	4
2.5.6 § 257.95(g)(3)(ii).....	4
2.5.7 § 257.96(a).....	4
3 GENERAL COMMENTS	5

Appendices

Appendix A Figures

Figure 1: Site Map

Appendix B Tables

Table 1: Appendix III and Appendix IV Detection Monitoring Results

Table 2: Detection Monitoring Field Measurements

1 INTRODUCTION

This 2017 Annual Groundwater Monitoring and Corrective Action Report was prepared to support compliance with the groundwater monitoring requirements of the “Coal Combustion Residuals (CCR) Final Rule” (Rule) published by the United States Environmental Protection Agency (USEPA) in the *Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule*, dated April 17, 2015 (USEPA, 2015). Specifically, this report was prepared to fulfill the requirements of 40 CFR 257.90 (e). The applicable sections of the Rule are provided below in *italics*, followed by applicable information relative to the 2017 Annual Groundwater Monitoring and Corrective Action Report for the Bottom Ash Impoundment at the La Cygne Generating Station.

2 § 257.90(e) ANNUAL REPORT REQUIREMENTS

Annual groundwater monitoring and corrective action report. For existing CCR landfills and existing CCR surface impoundments, no later than January 31, 2018, and annually thereafter, the owner or operator must prepare an annual groundwater monitoring and corrective action report. For new CCR landfills, new CCR surface impoundments, and all lateral expansions of CCR units, the owner or operator must prepare the initial annual groundwater monitoring and corrective action report no later than January 31 of the year following the calendar year a groundwater monitoring system has been established for such CCR unit as required by this subpart, and annually thereafter. For the preceding calendar year, the annual report must document the status of the groundwater monitoring and corrective action program for the CCR unit, summarize key actions completed, describe any problems encountered, discuss actions to resolve the problems, and project key activities for the upcoming year. For purposes of this section, the owner or operator has prepared the annual report when the report is placed in the facility’s operating record as required by § 257.105(h)(1). At a minimum, the annual groundwater monitoring and corrective action report must contain the following information, to the extent available:

2.1 § 257.90(e)(1) SITE MAP

A map, aerial image, or diagram showing the CCR unit and all background (or upgradient) and downgradient monitoring wells, to include the well identification numbers, that are part of the groundwater monitoring program for the CCR unit;

A site map with an aerial image showing the Bottom Ash Impoundment and all background (or upgradient) and downgradient monitoring wells with identification numbers for the Bottom Ash Impoundment groundwater monitoring program is provided as **Figure 1** in **Appendix A**.

2.2 § 257.90(e)(2) MONITORING SYSTEM CHANGES

Identification of any monitoring wells that were installed or decommissioned during the preceding year, along with a narrative description of why those actions were taken;

The CCR groundwater monitoring system was initially certified on October 13, 2017. No new monitoring wells were installed and no wells were decommissioned as part of the CCR groundwater monitoring program for the Bottom Ash Impoundment in 2017.

2.3 § 257.90(e)(3) SUMMARY OF SAMPLING EVENTS

In addition to all the monitoring data obtained under §§ 257.90 through 257.98, a summary including the number of groundwater samples that were collected for analysis for each background and downgradient well, the dates the samples were collected, and whether the sample was required by the detection monitoring or assessment monitoring programs;

Only detection monitoring was conducted during the reporting period. Sampling for the detection monitoring program began in June 2016. Samples were analyzed as indicated in **Appendix B, Table 1** (Appendix III and Appendix IV Detection Monitoring Results, and **Table 2** (Detection Monitoring Field Measurements). The dates of sample collection and the results of the analyses are also provided in these tables.

2.4 § 257.90(e)(4) MONITORING TRANSITION NARRATIVE

A narrative discussion of any transition between monitoring programs (e.g., the date and circumstances for transitioning from detection monitoring to assessment monitoring in addition to identifying the constituent(s) detected at a statistically significant increase over background levels); and

There was no transition between monitoring programs in 2017. Only detection monitoring was conducted in 2017. Statistical evaluation of the data was still in process as of the end of 2017.

2.5 § 257.90(e)(5) OTHER REQUIREMENTS

Other information required to be included in the annual report as specified in §§ 257.90 through 257.98.

A summary of potentially required information and the corresponding section of the Rule is provided in the following sections. In addition, the information if applicable is provided.

2.5.1 § 257.90(e)

Status of Groundwater Monitoring and Corrective Action Program.

The groundwater monitoring and corrective action program is in detection monitoring.

Summary of Key Actions Completed.

Collection of initial background groundwater quality data was completed and the initial detection monitoring sampling and analysis event was completed in October 2017. Verification sampling was in process as of the end of 2017.

Description of Any Problems Encountered.

No noteworthy problems were encountered.

Discussion of Actions to Resolve the Problems.

Not applicable because no noteworthy problems were encountered.

Projection of Key Activities for the Upcoming Year (2018).

Completion of statistical evaluation of detection monitoring data. Groundwater sampling and analysis and alternative source demonstration(s) (if required).

2.5.2 § 257.94(d)(3)

Demonstration providing the basis for an alternative monitoring frequency for detection monitoring and certification that it meets the requirements of this section.

Not applicable because no alternative monitoring frequency for detection monitoring and certification was pursued.

2.5.3 § 257.94(e)(2)

Demonstration that an alternative source other than the CCR unit caused the statistically significant increase (SSI) over background or that the SSI was caused by an error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. In addition, certification of the demonstration is to be included in the annual report.

Not applicable because no such demonstration was conducted.

2.5.4 § 257.95(c)(3)

Demonstration providing the basis for an alternative monitoring frequency for assessment monitoring and certification that it meets the requirements of this section.

Not applicable because no such demonstration was conducted.

2.5.5 § 257.95(d)(3)

Include the concentrations of Appendix III and detected Appendix IV constituents from the assessment monitoring, the established background concentrations, and the established groundwater protection standards.

Not applicable because there was no assessment monitoring conducted.

2.5.6 § 257.95(g)(3)(ii)

Demonstration that an alternative source other than the CCR unit caused the contamination, or that the SSI (during assessment monitoring) resulted from an error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. In addition, certification of the demonstration is to be included in the annual report.

Not applicable because no such demonstration was conducted.

2.5.7 § 257.96(a)

Demonstration of the need for additional time to complete the assessment of corrective measures due to site-specific conditions or circumstances. In addition, certification of the demonstration is to be included in the annual report.

Not applicable because no such demonstration was conducted.

3 GENERAL COMMENTS

This report has been prepared and reviewed under the direction of a qualified groundwater scientist and qualified professional engineer. The information contained in this report is a reflection of the conditions encountered at the La Cygne Generating Station at the time of fieldwork. This report includes a review and compilation of the required information and does not reflect any variations of the subsurface, which may occur between sampling locations. Actual subsurface conditions may vary and the extent of such variations may not become evident without further investigation.



Conclusions drawn by others from the result of this work should recognize the limitation of the methods used. Please note that SCS Engineers does not warrant the work of regulatory agencies or other third parties supplying information used in the assimilation of this report. This report is prepared in accordance with generally accepted environmental engineering and geological practices, within the constraints of the client's directives. It is intended for the exclusive use of KCP&L for specific application to the La Cygne Generating Station Bottom Ash Impoundment. No warranties, express or implied, are intended or made.

APPENDIX A

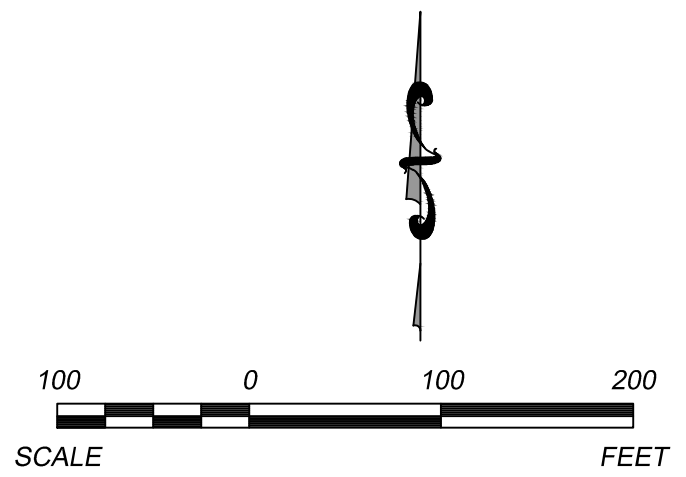
FIGURES

Figure 1: Site Map



- LEGEND**
-  CCR UNIT BOUNDARY (APPROXIMATE LIMITS OF BOTTOM ASH IMPOUNDMENT)
 -  CCR GROUNDWATER MONITORING SYSTEM WELLS

- NOTES:**
1. KDHE FACILITY PERMIT AREA BOUNDARY NOT SHOWN.
 2. GOOGLE EARTH IMAGE DATED OCTOBER 2014. BOUNDARY AND MONITOR WELL LOCATIONS ARE APPROXIMATE.
 3. BOUNDARY AND MONITOR WELL LOCATIONS ARE PROVIDED BY AECOM.



SCS ENGINEERS 7311 W. 130th St, Ste. 100 Overland Park, MO 66204 PH: (813) 681-0030 FAX: (813) 681-0012 PROJ. NO. 27217233.00 DSK: BT RCW CHK: BT JRR PROJ. MGR: JRR	CLIENT	SHEET TITLE	REV. DATE	CHK. BY
	KANSAS CITY POWER & LIGHT COMPANY LA CYGNE GENERATING STATION LA CYGNE, KANSAS	SITE MAP BOTTOM ASH IMPOUNDMENT CCR GROUNDWATER MONITORING SYSTEM	- - - - -	-
CADD FILE: FIG 1 - LA CYGNE BA IMP.DWG	PROJECT TITLE 2017 CCR GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT			
DATE: 1/16/18				
FIGURE NO. 1				

APPENDIX B

TABLES

Table 1: Appendix III and Appendix IV Detection Monitoring Results

Table 2: Detection Monitoring Field Measurements

Table 1
Bottom Ash Impoundment
Appendix III and Appendix IV Detection Monitoring Results
KCP&L LaCygne Generating Station

Well Number	Sample Date	Appendix III Constituents							Appendix IV Constituents														
		Boron (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	pH (S.U.)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Fluoride (mg/L)	Lead (mg/L)	Lithium (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Selenium (mg/L)	Thallium (mg/L)	Radium Combined (pCi/L)
MW-901	6/8/2016	1.18	57.2	23.3	0.543	7.46	19.5	561	0.00251	<0.002	0.167	<0.002	<0.001	<0.002	<0.002	0.543	<0.002	0.0819	<0.0002	<0.005	<0.002	<0.002	2.14
MW-901	8/11/2016	1.90	53.9	51.5	0.533	7.35	33.8	701	<0.002	0.00237	0.0987	<0.002	<0.001	<0.002	<0.002	0.533	<0.002	0.0636	<0.0002	0.00716	<0.002	<0.002	2.191
MW-901	10/14/2016	1.18	52.1	21.8	0.497	7.43	15.6	516	<0.002	<0.002	0.155	<0.002	<0.001	<0.002	<0.002	0.497	<0.002	0.0865	<0.0002	<0.005	<0.002	<0.002	0.407
MW-901	12/12/2016	1.17	56.9	20.9	0.413	7.57	14.5	524	<0.002	<0.002	0.195	<0.002	<0.001	<0.002	<0.002	0.413	<0.002	0.0443	<0.0002	<0.005	<0.002	<0.002	0.932
MW-901	2/9/2017	1.23	55.7	22.6	0.52	7.62	17.1	552	<0.002	<0.002	0.186	<0.002	<0.001	<0.002	<0.002	0.520	<0.002	0.0548	<0.0002	<0.005	<0.002	<0.002	0.986
MW-901	4/4/2017	1.18	57.6	23.1	0.493	7.39	18.4	546	<0.002	<0.002	0.192	<0.002	<0.001	<0.002	<0.002	0.493	<0.002	0.0521	<0.0002	<0.005	<0.002	<0.002	0.639
MW-901	6/16/2017	1.20	56.7	22.6	0.489	7.26	15.6	536	<0.002	<0.002	0.193	<0.002	<0.001	<0.002	<0.002	0.489	<0.002	0.0586	<0.0002	<0.005	<0.002	<0.002	1.63
MW-901	8/11/2017	1.22	56.0	22.6	0.511	6.87	15.1	510	<0.002	<0.002	0.182	<0.002	<0.001	<0.002	<0.002	0.511	<0.002	0.0567	<0.0002	<0.005	<0.002	<0.002	0.641
MW-901	10/3/2017	1.19	58.2	22.9	0.483	6.77	14.9	544	<0.002	<0.002	0.192	<0.002	<0.001	<0.002	<0.002	0.483	<0.002	0.0519	<0.0002	<0.005	<0.002	<0.002	1.17
MW-901	1/9/2018	---	---	---	---	*6.84	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-902	6/7/2016	1.20	71.3	32.8	0.532	7.24	33.4	526	<0.002	<0.002	0.119	<0.002	<0.001	<0.002	<0.002	0.532	<0.002	0.0412	<0.0002	<0.005	<0.002	<0.002	2.71
MW-902	8/11/2016	1.20	64.9	32.0	0.531	7.11	29.6	565	<0.002	<0.002	0.118	<0.002	<0.001	<0.002	<0.002	0.531	<0.002	0.0353	<0.0002	<0.005	<0.002	<0.002	1.458
MW-902	10/13/2016	1.26	65.7	32.9	0.490	7.16	29.2	537	<0.002	<0.002	0.106	<0.002	<0.001	<0.002	<0.002	0.490	<0.002	0.0386	<0.0002	<0.005	<0.002	<0.002	0.32
MW-902	12/12/2016	1.22	66.3	31.0	0.404	7.10	27.4	517	<0.002	<0.002	0.111	<0.002	<0.001	<0.002	<0.002	0.404	<0.002	0.0326	<0.0002	<0.005	<0.002	<0.002	0.168
MW-902	2/10/2017	1.31	66.2	34.4	0.510	7.48	34.5	552	<0.002	<0.002	0.112	<0.002	<0.001	<0.002	<0.002	0.510	<0.002	0.0436	<0.0002	<0.005	<0.002	<0.002	0.791
MW-902	4/4/2017	1.24	68.8	34.2	0.481	7.27	33.1	533	<0.002	<0.002	0.116	<0.002	<0.001	<0.002	<0.002	0.481	<0.002	0.0396	<0.0002	<0.005	<0.002	<0.002	1.23
MW-902	6/15/2017	1.25	65.4	33.0	0.467	7.07	30.4	533	<0.002	<0.002	0.112	<0.002	<0.001	<0.002	<0.002	0.467	<0.002	0.0397	<0.0002	<0.005	<0.002	<0.002	1.05
MW-902	8/11/2017	1.31	66.4	34.1	0.530	6.52	33.3	522	<0.002	<0.002	0.106	<0.002	<0.001	<0.002	<0.002	0.530	<0.002	0.0369	<0.0002	<0.005	<0.002	<0.002	1.5
MW-902	10/3/2017	1.26	69.2	34.6	0.466	6.53	36.5	541	<0.002	<0.002	0.114	<0.002	<0.001	<0.002	<0.002	0.466	<0.002	0.0389	<0.0002	<0.005	<0.002	<0.002	1.27
MW-902	12/12/2017	---	---	---	---	*7.21	*36.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-902	1/9/2018	---	---	---	---	**6.99	*37.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-903	6/8/2016	0.487	362	25.9	<0.1	6.83	1130	2070	<0.002	<0.002	0.0285	<0.002	<0.001	0.00409	0.00515	<0.1	<0.002	0.0809	<0.0002	<0.005	<0.002	<0.002	0.783
MW-903	8/11/2016	0.427	342	25.8	<0.1	6.70	1030	2040	<0.002	<0.002	0.0170	<0.002	<0.001	<0.002	0.00306	<0.1	<0.002	0.0539	<0.0002	<0.005	<0.002	<0.002	0.857
MW-903	10/13/2016	0.401	333	24.8	<0.1	6.72	1030	2120	<0.002	<0.002	0.0232	<0.002	<0.001	0.00315	0.00424	<0.1	<0.002	0.0546	<0.0002	<0.005	<0.002	<0.002	0.911
MW-903	12/9/2016	0.386	331	24.3	0.104	7.46	899	2110	<0.002	<0.002	0.0160	<0.002	<0.001	<0.002	0.00294	0.104	<0.002	0.0462	<0.0002	<0.005	<0.002	<0.002	1.24
MW-903	2/10/2017	0.432	321	26.0	<0.1	6.97	1000	1880	<0.002	<0.002	0.0146	<0.002	<0.001	<0.002	0.00272	<0.1	<0.002	0.0505	<0.0002	<0.005	<0.002	<0.002	0.85
MW-903	4/4/2017	0.423	339	26.7	<0.1	6.42	1090	1990	<0.002	<0.002	0.0151	<0.002	<0.001	<0.002	0.00204	<0.1	<0.002	0.0502	<0.0002	<0.005	<0.002	<0.002	1.45
MW-903	6/16/2017	0.404	331	25.7	0.132	6.48	913	2020	<0.002	<0.002	0.0148	<0.002	<0.001	<0.002	0.00207	0.132	<0.002	0.0539	<0.0002	<0.005	<0.002	<0.002	2.02
MW-903	8/10/2017	0.521	330	26.1	0.114	6.62	954	1900	<0.002	<0.002	0.0140	<0.002	<0.001	<0.002	0.00214	0.114	<0.002	0.0517	<0.0002	<0.005	<0.002	<0.002	1.01
MW-903	10/3/2017	0.416	344	26.3	<0.1	6.00	1010	2070	<0.002	<0.002	0.0146	<0.002	<0.001	<0.002	0.00241	<0.1	<0.002	0.0506	<0.0002	<0.005	<0.002	<0.002	1.24
MW-903	1/9/2018	---	---	---	---	*6.87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-904	5/3/2017	1.40	82.4	39.6	0.375	7.09	134	704	<0.002	<0.002	0.124	<0.002	<0.001	<0.002	<0.002	0.375	<0.002	0.0503	<0.0002	0.0116	<0.002	<0.002	0.562
MW-904	5/18/2017	---	---	---	---	7.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.332
MW-904	5/24/2017	1.34	79.8	39.1	0.411	7.08	132	771	<0.002	<0.002	0.147	<0.002	<0.001	0.00206	<0.002	0.411	<0.002	0.0463	<0.0002	0.0113	<0.002	<0.002	---
MW-904	6/12/2017	1.37	86.2	39.5	0.366	7.37	113	571	<0.002	0.00508	0.191	<0.002	<0.001	0.0159	0.0096	0.366	0.00451	0.0744	<0.0002	0.0119	<0.002	<0.002	1.52
MW-904	6/30/2017	1.28	82.3	38.0	0.385	7.07	119	732	<0.002	<0.002	0.130	<0.002	<0.001	<0.002	<0.002	0.385	<0.002	0.0525	<0.0002	0.0102	<0.002	<0.002	0.762
MW-904	7/21/2017	1.26	76.5	36.7	0.430	7.06	121	697	<0.002	<0.002	0.108	<0.002	<0.001	<0.002	<0.002	0.430	<0.002	0.0446	<0.0002	0.00948	<0.002	<0.002	3.78
MW-904	8/7/2017	1.21	74.1	36.0	0.432	7.13	115	728	<0.002	<0.002	0.0951	<0.002	<0.001	<0.002	<0.002	0.432	<0.002	0.0521	<0.0002	0.00962	<0.002	<0.002	0.155
MW-904	9/1/2017	1.18	76.3	35.7	0.346	7.08	101	723	<0.002	<0.002	0.0944	<0.002	<0.001	<0.002	<0.002	0.346	<0.002	0.0432	<0.0002	0.00956	<0.002	<0.002	0.56
MW-904	9/22/2017	1.19	77.1	36.4	0.412	7.11	105	652	<0.002	<0.002	0.0974	<0.002	<0.001	<0.002	<0.002	0.412	<0.002	0.0458	<0.0002	0.00857	<0.002	<0.002	0.664
MW-904	10/5/2017	1.13	71.8	34.1	0.290	6.85	100	727	<0.002	0.00212	0.101	<0.002	<0.001	<0.002	0.00508	0.290	<0.002	0.0463	<0.0002	0.00947	<0.002	<0.002	0.807
MW-904	12/12/2017	---	---	---	---	*7.18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-905	6/9/2016	1.79	59.9	51.5	0.542	7.11	68.5	696	0.00326	0.00387	0.104	<0.002	<0.001	0.00310	0.00283	0.542	<0.002	0.0607	<0.0002	0.0165	<0.002	<0.002	0.695
MW-905	8/12/2016	1.24	54.6	22.4	0.506	7.26	16.6	557	<0.002	<0.002	0.171	<0.002	<0.001	<0.002	<0.002	0.506	<0.002	0.0751	<0.0002	<0.005	<0.002	<0.002	1.208
MW-905	10/14/2016	1.87	52.7	50.7	0.535	6.68	29.5	603	<0.002	<0.002	0.0985	<0.002	<0.001	<0.018	<0.002	0.535	<0.002	0.0639	<0.0002	<0.005	<0.002	<0.002	1.37
MW-905	12/9/2016	1.84	49.7	48.6	0.444	7.75	28.5	584	<0.002	<0.002	0.105	<0.002	<0.001	<0.002	<0.002	0.444	<0.002	0.0591	<0.0002	<0.005	<0.002	<0.002	0.529
MW-905	2/8/2017	1.92	49.8	52.5	0.562	8.26	31.2	580	<0.002	<0.002	0.104	<0.002	<0.001	<0.002	<0.002	0.562	<0.002	0.0705	<0.0002	<0.005	<0.002	<0.002	0.396
MW-905	4/4/2017	1.84	51.8	52.5	0.522	7.54	28.6	618	<0.002	<0.002	0.119	<0.002	<0.001	0.00327	0.00214	0.522							

Table 2
Bottom Ash Impoundment
Detection Monitoring Field Measurements
KCP&L LaCygne Generating Station

Well Number	Sample Date	pH (S.U.)	Specific Conductivity (µS)	Temperature (°C)	Turbidity (NTU)	***Water Level (ft btoc)	Groundwater Elevation (ft NGVD)
MW-901	6/8/2016	7.46	991	22.00	2.40	9.93	844.36
MW-901	8/11/2016	7.35	1175	22.00	9.01	9.91	844.38
MW-901	10/14/2016	7.43	1037	17.03	3.27	9.81	844.48
MW-901	12/12/2016	7.57	864	17.88	1.51	9.69	844.60
MW-901	2/9/2017	7.62	914	16.44	0.68	9.63	844.66
MW-901	4/4/2017	7.39	936	10.83	2.21	9.99	844.30
MW-901	6/16/2017	7.26	1006	20.01	2.83	10.20	844.09
MW-901	8/11/2017	6.87	872	22.61	2.46	10.41	843.88
MW-901	10/3/2017	6.77	926	23.34	0.60	10.45	843.84
MW-901	1/9/2018	*6.84	811	19.23	0.77	10.30	843.99
MW-902	6/7/2016	7.24	864	22.93	0.00	12.50	842.57
MW-902	8/11/2016	7.11	916	27.66	1.29	12.46	842.61
MW-902	10/13/2016	7.16	1041	18.70	3.01	11.75	843.32
MW-902	12/12/2016	7.10	850	14.60	1.65	12.98	842.09
MW-902	2/10/2017	7.48	882	15.53	1.56	13.33	841.74
MW-902	4/4/2017	7.27	982	13.97	3.34	13.23	841.84
MW-902	6/15/2017	7.07	921	25.43	2.54	12.43	842.64
MW-902	8/11/2017	6.52	833	21.50	2.19	12.23	842.84
MW-902	10/3/2017	6.53	904	27.08	1.61	12.64	842.43
MW-902	12/12/2017	*7.21	768	14.18	3.90	12.93	842.14
MW-902	1/9/2018	**6.99	814	16.07	1.27	13.15	841.92
MW-903	6/8/2016	6.83	2409	23.19	6.37	11.62	842.78
MW-903	8/11/2016	6.70	2516	23.39	4.24	11.81	842.59
MW-903	10/13/2016	6.72	2501	17.93	34.30	11.78	842.62
MW-903	12/9/2016	7.46	2192	15.24	12.12	12.45	841.95
MW-903	2/10/2017	6.97	2346	15.79	3.96	12.63	841.77
MW-903	4/4/2017	6.42	2372	13.16	2.53	12.32	842.08
MW-903	6/16/2017	6.48	2427	19.84	2.75	11.53	842.87
MW-903	8/10/2017	6.62	2208	20.58	2.09	11.46	842.94
MW-903	10/3/2017	6.00	2420	23.16	0.38	12.83	841.57
MW-903	1/9/2018	*6.87	1889	16.21	1.07	12.32	842.08
MW-904	5/3/2017	7.09	931	12.80	10.41	16.07	838.98
MW-904	5/18/2017	7.42	946	14.17	3.83	17.18	837.87
MW-904	5/24/2017	7.08	1126	18.17	10.94	23.65	831.40
MW-904	6/12/2017	7.37	1275	32.92	35.90	23.57	831.48
MW-904	6/30/2017	7.07	1080	19.77	6.55	24.00	831.05
MW-904	7/21/2017	7.06	1157	23.39	5.25	25.27	829.78
MW-904	8/7/2017	7.13	1200	23.43	41.00	26.92	828.13
MW-904	9/1/2017	7.08	1112	21.28	5.67	26.64	828.41
MW-904	9/22/2017	7.11	1148	22.40	5.03	27.65	827.40
MW-904	10/5/2017	6.85	1286	19.90	31.20	31.81	823.24
MW-904	12/12/2017	*7.18	1243	17.19	25.00	22.48	832.57
MW-905	6/9/2016	7.11	1048	23.19	21.80	10.17	844.05
MW-905	8/12/2016	7.26	989	21.24	1.08	10.37	843.85
MW-905	10/14/2016	6.68	1129	16.79	6.91	11.05	843.17
MW-905	12/9/2016	7.75	1004	14.17	4.49	10.78	843.44
MW-905	2/8/2017	8.26	1062	7.57	5.53	9.63	844.59
MW-905	4/4/2017	7.54	1092	13.27	19.00	8.88	845.34
MW-905	6/14/2017	7.87	1078	18.90	4.02	9.37	844.85
MW-905	8/9/2017	7.44	1019	25.19	4.36	10.45	843.77
MW-905	10/3/2017	6.98	1107	23.91	3.73	10.72	843.50
MW-905	12/12/2017	**7.46	768	14.18	5.02	10.38	843.84

* Verification Sample

** Extra Sample Collected per Standard Sampling Procedure

***Depth to water measured in all monitoring wells within 24 hour period prior to the sampling event

S.U. - Standard Units

µS - microsiemens

°C - Degrees Celsius

ft btoc - Feet Below Top of Casing

ft NGVD - National Geodetic Vertical Datum (NAVD 88)

NTU - Nephelometric Turbidity Unit