

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

**SLAG SETTLING IMPOUNDMENT  
SIBLEY GENERATING STATION  
SIBLEY, MISSOURI**

Presented To:

**KCP&L Greater Missouri Operations Company**

Presented By:

**SCS ENGINEERS**  
7311 West 130th Street, Suite 100  
Overland Park, Kansas 66213  
(913) 681-0030

January 30, 2018  
File Number 27213169.17

## CERTIFICATIONS

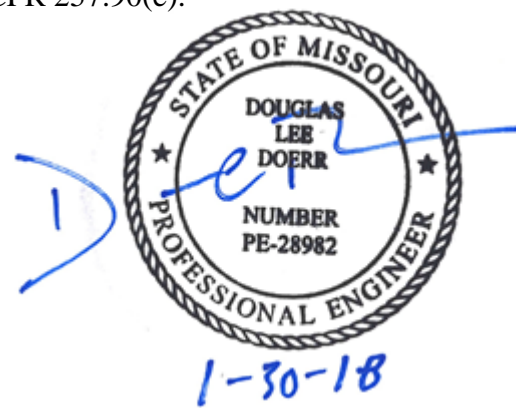
I, John R. Rockhold, being a qualified groundwater scientist and Registered Geologist in the State of Missouri, do hereby certify that the 2017 Annual Groundwater Monitoring and Corrective Action Report for the Slag Settling Impoundment at the Sibley Generating Station was prepared by me or under my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



---

John R. Rockhold, R.G.  
SCS Engineers

I, Douglas L. Doerr, being a qualified licensed Professional Engineer in the State of Missouri, do hereby certify that the 2017 Annual Groundwater Monitoring and Corrective Action Report for the Slag Settling Impoundment at the Sibley 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 Slag Settling Impoundment at the Sibley 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 Slag Settling Impoundment and all background (or upgradient) and downgradient monitoring wells with identification numbers for the Slag Settling 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 Slag Settling 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 December 2015. 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. No constituents were detected at a statistically significant increase over background levels.

## 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 also conducted per the certified statistical method.

*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 Sibley 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.

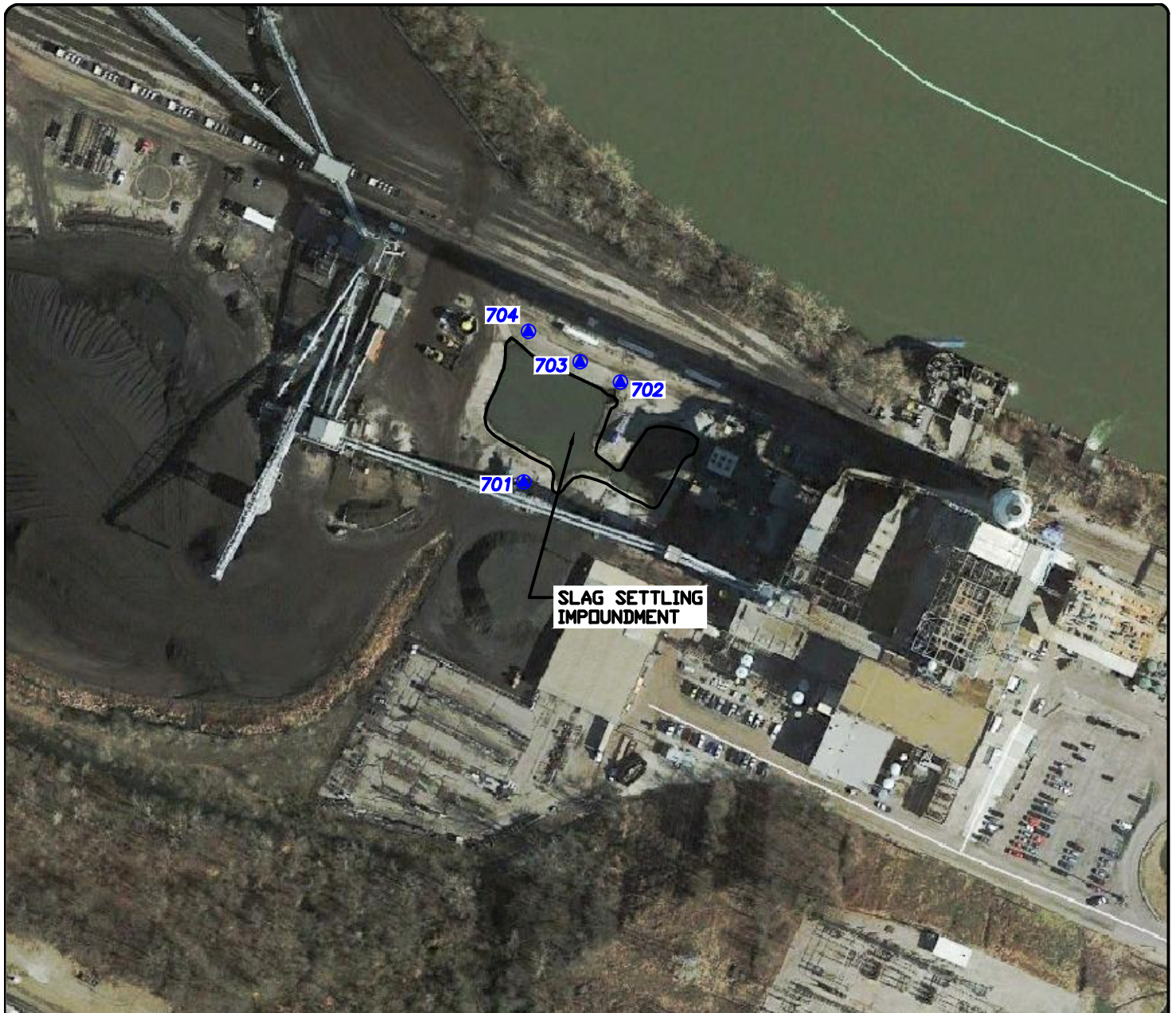
Conclusions drawn by others from the result of this work should recognize the limitation of the methods used. Please note that SCS Engineers does not warrant the work of regulatory agencies or other third parties supplying information used in the assimilation of this report. This report is prepared in 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 Greater Missouri Operations Company for specific application to the Sibley Generating Station Slag Settling Impoundment. No warranties, express or implied, are intended or made.



## **APPENDIX A**

### **FIGURES**

Figure 1: Site Map



**LEGEND:**

- 506 CCR GROUNDWATER MONITORING SYSTEM WELLS
- CCR UNIT BOUNDARY



**NOTES:**

1. HORIZONTAL & VERTICAL DATUM: URS PLANS FOR CONSTRUCTION, KCP&L SIBLEY GENERATING STATION, DESIGN FILE 16530511.00001, DATED JANUARY 2010
2. GOOGLE EARTH AERIAL IMAGE, MARCH 2015. MONITOR WELL LOCATIONS ARE APPROXIMATE.
3. BOUNDARY AND MONITOR WELL LOCATIONS SHOWN ARE APPROXIMATE.

**SCS ENGINEERS**

7311 W. 130th St, Ste. 100  
 Overland Park, Kansas 66213  
 PH. (913) 681-0030 FAX. (913) 681-0012

KCP&L GREATER MISSOURI OPERATIONS COMPANY  
 SIBLEY SLAG SETTLING IMPOUNDMENT  
 SIBLEY GENERATING STATION  
 2017 GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

CHK. BY: JRR	DWN. BY: RCW	DSN. BY: RCW	PROJ. NO. 27213169.17
PROJ. MGR: JRR	DATE: 1/12/18	CADD FILE: FIG 1 - SIBLEY SLAG IMP.DWG	FIG. NO. 1

## **APPENDIX B**

### **TABLES**

Table 1: Appendix III and Appendix IV Detection Monitoring Results

Table 2: Detection Monitoring Field Measurements

**Table 1**  
**Slag Settling Impoundment**  
**Appendix III and Appendix IV Detection Monitoring Results**  
**KCP&L GMO Sibley 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)	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-701	12/14/2015	<0.200	83.9	8.27	0.106	7.58	15.7	291	<0.002	0.00286	0.180	<0.002	<0.001	<0.01	<0.01	0.106	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.305
MW-701	2/17/2016	<0.200	88.5	8.30	<0.1	7.10	16.0	305	<0.002	0.00280	0.177	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.459
MW-701	5/26/2016	<0.200	85.7	8.27	<0.1	7.63	15.3	288	<0.002	0.00339	0.189	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	2.853
MW-701	8/23/2016	<0.200	87.7	8.18	0.110	7.38	15.4	300	<0.002	0.00236	0.180	<0.002	<0.001	<0.01	<0.01	0.110	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.291
MW-701	11/10/2016	<0.200	84.0	8.40	<0.1	7.10	15.6	307	<0.002	0.00250	0.184	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.731
MW-701	2/8/2017	<0.200	74.4	8.64	0.105	7.23	17.3	301	<0.002	0.00224	0.177	<0.002	<0.001	<0.01	<0.01	0.105	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.098
MW-701	5/3/2017	<0.200	73.4	9.11	0.116	6.82	15.8	314	<0.002	0.00260	0.188	<0.002	<0.001	<0.01	<0.01	0.116	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.391
MW-701	8/1/2017	<0.200	85.6	8.26	0.130	8.21	15.1	298	<0.002	0.00483	0.186	<0.002	<0.001	<0.01	<0.01	0.130	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.997
MW-701	10/3/2017	<0.200	86.3	11.0	<0.1	6.89	13.7	306	<0.002	0.00249	0.184	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.073
MW-701	11/17/2017	---	**87.4	*8.89	---	**6.92	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-702	12/14/2015	<0.200	98.0	8.88	0.121	7.96	21.6	307	<0.002	0.00753	0.254	<0.002	<0.001	<0.01	<0.01	0.121	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.363
MW-702	2/17/2016	<0.200	89.5	8.56	0.101	7.51	19.0	302	<0.002	0.00599	0.225	<0.002	<0.001	<0.01	<0.01	0.101	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.179
MW-702	5/26/2016	<0.200	90.2	8.65	0.104	10.79	20.6	313	<0.002	0.00692	0.241	<0.002	<0.001	<0.01	<0.01	0.104	<0.002	0.0184	<0.0002	<0.005	<0.002	<0.002	0.967
MW-702	8/23/2016	<0.200	89.7	8.97	0.106	7.63	20.8	306	<0.002	0.0104	0.263	<0.002	<0.001	<0.01	<0.01	0.106	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.153
MW-702	11/10/2016	<0.200	87.8	8.73	<0.1	7.17	21.5	308	<0.002	0.00534	0.245	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.185
MW-702	2/8/2017	<0.200	78.2	8.69	0.113	7.06	22.8	300	<0.002	0.00452	0.237	<0.002	<0.001	<0.01	<0.01	0.113	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.995
MW-702	5/3/2017	<0.200	77.4	9.11	0.111	7.12	21.4	302	<0.002	0.00734	0.288	<0.002	<0.001	<0.01	<0.01	0.111	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.596
MW-702	8/1/2017	<0.200	90.0	8.83	0.127	8.85	20.2	298	<0.002	0.0241	0.348	<0.002	<0.001	<0.01	<0.01	0.127	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.02
MW-702	10/3/2017	<0.200	91.3	11.1	<0.1	7.10	20.2	301	<0.002	0.00852	0.276	<0.002	<0.001	<0.01	<0.01	<0.1	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0
MW-702	11/17/2017	---	**91.6	*9.06	---	**7.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-703	12/14/2015	0.769	112	18.0	0.231	7.16	11	410	<0.002	0.126	0.246	<0.002	<0.001	<0.01	<0.01	0.231	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.866
MW-703	2/17/2016	0.743	132	22.5	0.424	7.24	6.97	553	<0.002	0.259	0.275	<0.002	<0.001	<0.01	<0.01	0.424	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.186
MW-703	5/26/2016	0.639	111	18.9	0.331	10.87	<5	461	<0.002	0.189	0.235	<0.002	<0.001	<0.01	<0.01	0.331	<0.002	0.0185	<0.0002	<0.005	<0.002	<0.002	3.421
MW-703	8/23/2016	0.763	121	20.6	0.358	7.39	<5	507	<0.002	0.212	0.244	<0.002	<0.001	<0.01	<0.01	0.358	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.887
MW-703	11/10/2016	0.700	119	20.2	0.318	6.90	<5	490	<0.002	0.186	0.252	<0.002	<0.001	<0.01	<0.01	0.318	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.159
MW-703	2/8/2017	0.652	113	19.6	0.293	7.10	<5	494	<0.002	0.247	0.294	<0.002	<0.001	<0.01	<0.01	0.293	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.200
MW-703	5/3/2017	0.979	114	19.4	0.245	6.97	<5	517	<0.002	0.122	0.326	<0.002	<0.001	<0.01	<0.01	0.245	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.16
MW-703	8/1/2017	0.596	138	22.5	0.373	8.17	<5	564	<0.002	0.250	0.281	<0.002	<0.001	<0.01	<0.01	0.373	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	1.36
MW-703	10/3/2017	0.752	127	21.5	0.245	6.86	<5	509	<0.002	0.199	0.266	<0.002	<0.001	<0.01	<0.01	0.245	<0.002	<0.015	<0.0002	<0.005	<0.002	<0.002	0.385
MW-703	11/17/2017	---	**130	**19.0	---	*7.46	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-704	12/14/2015	<0.200	99.3	13.7	0.157	7.32	45.8	342	<0.002	0.00314	0.182	<0.002	<0.001	<0.01	<0.01	0.157	<0.002	<0.015	<0.0002	0.00914	<0.002	<0.002	1.401
MW-704	2/17/2016	<0.200	93.8	13.2	0.155	7.08	32.5	348	<0.002	0.00289	0.155	<0.002	<0.001	<0.01	<0.01	0.155	<0.002	<0.015	<0.0002	0.00943	<0.002	<0.002	0.133
MW-704	5/26/2016	<0.200	93.3	12.8	0.132	7.58	31.6	384	<0.002	0.00262	0.162	<0.002	<0.001	<0.01	<0.01	0.132	<0.002	0.0157	<0.0002	0.00902	<0.002	<0.002	4.496
MW-704	8/23/2016	<0.200	95.2	13.4	0.146	7.75	31.7	345	<0.002	0.00203	0.156	<0.002	<0.001	<0.01	<0.01	0.146	<0.002	<0.015	<0.0002	0.0101	<0.002	<0.002	0.469
MW-704	11/10/2016	<0.200	93.9	13.9	0.170	7.04	39.8	393	<0.002	<0.002	0.159	<0.002	<0.001	<0.01	<0.01	0.170	<0.002	<0.015	<0.0002	0.00939	<0.002	<0.002	1.84
MW-704	2/8/2017	<0.200	80.9	13.4	0.149	7.20	37.7	343	<0.002	<0.002	0.150	<0.002	<0.001	<0.01	<0.01	0.149	<0.002	<0.015	<0.0002	0.00824	<0.002	<0.002	0.181
MW-704	5/3/2017	<0.200	80.1	13.8	0.142	6.90	37.2	364	<0.002	0.00206	0.155	<0.002	<0.001	<0.01	<0.01	0.142	<0.002	<0.015	<0.0002	0.00864	<0.002	<0.002	0.307
MW-704	8/1/2017	<0.200	92.0	13.6	0.162	7.88	33.4	346	<0.002	<0.002	0.147	<0.002	<0.001	<0.01	<0.01	0.162	0.00338	<0.015	<0.0002	0.00922	<0.002	<0.002	0.598
MW-704	10/3/2017	<0.200	94.8	15.0	0.160	6.91	35.0	348	<0.002	0.00200	0.152	<0.002	<0.001	<0.01	<0.01	0.160	<0.002	<0.015	<0.0002	0.00773	<0.002	<0.002	1.3
MW-704	11/17/2017	---	**93.3	*12.0	---	**7.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

\* Verification Sample  
 \*\*Extra Sample for Quality Control Validation or per Standard Sampling Procedure  
 mg/L - milligrams per liter  
 pCi/L - picocuries per liter  
 S.U. - Standard Units  
 --- Not Sampled

**Table 2**  
**Slag Settling Impoundment**  
**Detection Monitoring Field Measurements**  
**KCP&L GMO Sibley 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-701	12/14/2015	7.58	588	12.17	14.3	18.28	708.98
MW-701	2/17/2016	7.10	521	13.36	14.9	21.70	705.56
MW-701	5/26/2016	7.63	501	17.78	0.2	16.14	711.12
MW-701	8/23/2016	7.38	569	18.65	0.0	20.67	706.59
MW-701	11/10/2016	7.10	524	15.78	2.6	20.86	706.40
MW-701	2/8/2017	7.23	525	7.82	0.2	21.59	705.67
MW-701	5/3/2017	6.82	492	14.20	5.6	16.86	710.40
MW-701	8/1/2017	8.21	437	17.44	1.7	20.09	707.17
MW-701	10/3/2017	6.89	501	16.99	0.0	20.59	706.67
MW-701	11/17/2017	**6.92	593	14.51	0.0	20.48	706.78
MW-702	12/14/2015	7.96	634	13.99	6.4	22.08	705.21
MW-702	2/17/2016	7.51	530	13.99	23.1	26.88	700.41
MW-702	5/26/2016	10.79	509	15.59	40.8	19.71	707.58
MW-702	8/23/2016	7.63	578	19.17	6.4	26.00	701.29
MW-702	11/10/2016	7.17	548	19.67	19.5	26.25	701.04
MW-702	2/8/2017	7.06	580	10.50	6.0	27.10	700.19
MW-702	5/3/2017	7.12	521	13.16	23.0	20.39	706.90
MW-702	8/1/2017	8.85	461	18.19	21.6	25.28	702.01
MW-702	10/3/2017	7.10	521	17.01	3.0	25.87	701.42
MW-702	11/17/2017	**7.35	575	14.69	1.3	25.87	701.42
MW-703	12/14/2015	7.16	842	14.32	25.9	22.02	705.29
MW-703	2/17/2016	7.24	1080	14.94	41.5	26.65	700.66
MW-703	5/26/2016	10.87	957	16.91	20.2	19.51	707.80
MW-703	8/23/2016	7.39	1070	18.23	1.1	25.73	701.58
MW-703	11/10/2016	6.90	1070	17.92	0.0	26.04	701.27
MW-703	2/8/2017	7.10	956	10.62	12.7	26.69	700.62
MW-703	5/3/2017	6.97	920	14.34	17.9	20.41	706.90
MW-703	8/1/2017	8.17	964	18.21	0.0	24.93	702.38
MW-703	10/3/2017	6.86	1000	16.45	4.0	25.47	701.84
MW-703	11/17/2017	*7.46	1060	14.67	3.0	25.50	701.81
MW-704	12/14/2015	7.32	596	12.38	28.5	21.95	705.70
MW-704	2/17/2016	7.08	601	14.25	28.3	26.85	700.80
MW-704	5/26/2016	7.58	565	19.79	0.0	19.57	708.08
MW-704	8/23/2016	7.75	606	18.21	0.0	25.93	701.72
MW-704	11/10/2016	7.04	613	17.35	0.0	26.22	701.43
MW-704	2/8/2017	7.20	626	7.88	1.7	26.65	701.00
MW-704	5/3/2017	6.90	571	14.41	0.6	20.23	707.42
MW-704	8/1/2017	7.88	512	23.70	0.2	24.87	702.78
MW-704	10/3/2017	6.91	567	17.73	0.0	25.45	702.20
MW-704	11/17/2017	**7.69	606	14.83	0.0	25.45	702.20

\* Verification Sample

\*\* Extra Sample Collected per Standard Sampling Procedure

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