



**CITY WATER, LIGHT AND POWER
CITY OF SPRINGFIELD, ILLINOIS**

**MISTY BUSCHER, MAYOR
DOUG BROWN, CHIEF UTILITY ENGINEER**

July 15, 2025

Illinois Environmental Protection Agency DWPC – Permits #15

Attn: Part 845 Coal Combustion Residual Rule Submittal

2520 W Iles Avenue

P.O. Box 19276

Springfield, IL 62794-9276

Re: City Water, Light and Power – CCR Surface Impoundments
Lakeside Ash Pond – W1671200052-01
Dallman Ash Pond – W1671200052-02
Notification of Exceedances of Proposed GWPS First Quarter 2025

CCR Coordinator:

Pursuant to 35 IAC 845.650(d), provided herein is notification of exceedances of the proposed Groundwater Protection Standards (GWPS) from the First Quarter 2025. The groundwater sampling event was completed on February 20, 2025. Statistical analysis of the monitoring results per 35 IAC 845.640(h)(2) was completed on April 15, 2025. Confirmation sampling was completed on May 27, 2025. Statistical analysis of the confirmation results was completed on July 15, 2025.

The exceedances of the proposed GWPS have been delineated pursuant to 35 IAC 845.650 (d)(1). The Assessment of Corrective Measures required pursuant to 35 IAC 845.660 was completed concurrently with the Closure Alternatives Assessment in October 2021. Both of these assessments were submitted to the Illinois EPA on February 1, 2022 as part of our Closure Construction Permit Application. This permit application is currently under review by the Illinois EPA.

If you have any questions, please feel free to contact Eric Staley of my staff at (217) 757-8610. Thank you.

Sincerely,

P.J. Becker

Environmental Health and Safety Manager

Enclosure

Cc: Deborah Williams (w/o att.)
Andrews Engineering

CITY WATER LIGHT AND POWER

ASH POND GROUNDWATER MONITORING PROGRAM

35 IAC 845 Proposed Groundwater Protection Standard Standards

1st Quarter 2025 Confirmed Exceedances

Well #	Parameter	Units	Proposed GWPS	2/20/2025	Resample 5/27/2025	Confirmed Exceedance
RW3	Arsenic	mg/L	0.0239	0.0961	0.0808	Yes
AP1	Boron	mg/L	2	21.7	20.8	Yes
AP1	Calcium	mg/L	181.6	245	225	Yes
AP1	Sulfate	mg/L	400	834	858	Yes
AP1	Total Dissolved Solids	mg/L	1200	1600	1740	Yes
AP2	pH	s.u.	6.5-9.0	6.44	6.45	Yes
AP2	Boron	mg/L	2	3.53	3.12	Yes
AP2	Calcium	mg/L	181.6	198	183	Yes
AP2	Cobalt	mg/L	0.006	0.014	0.0095	Yes
AP3	Boron	mg/L	2	12.1	12.9	Yes
AP3	Sulfate	mg/L	400	569	505	Yes
AP7	Arsenic	mg/L	0.0239	0.0248	0.0289	Yes
AP8	Arsenic	mg/L	0.0239	0.0487	0.0446	Yes
AP10	Boron	mg/L	2	3.36	4.5	Yes
AP12	Calcium	mg/L	181.6	197	204	Yes
AP12	Sulfate	mg/L	400	433	416	Yes
AP12	Total Dissolved Solids	mg/L	1200	1250	1190	No
AP14	Boron	mg/L	2	21.5	21.7	Yes
AP14	Calcium	mg/L	181.6	268	276	Yes
AP14	Sulfate	mg/L	400	866	909	Yes
AP14	Total Dissolved Solids	mg/L	1200	1650	1620	Yes