



CITY WATER, LIGHT AND POWER
CITY OF SPRINGFIELD, ILLINOIS

MISTY BUSCHER, MAYOR
DOUG BROWN, CHIEF UTILITY ENGINEER

October 15, 2025

Illinois Environmental Protection Agency
Bureau of Land - #33 Permit Section
2520 W Iles Avenue
P.O. Box 19276
Springfield, IL 62794-9276

Re: City Water, Light and Power – CCR Surface Impoundments
LPC 1671200017
Lakeside Ash Pond and Dallman Ash Pond
BOL Log No. 2021-488
Notification of Exceedances of Proposed GWPS Second 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 Second Quarter 2025. The groundwater sampling event was completed on May 22, 2025. Statistical analysis of the monitoring results per 35 IAC 845.640(h)(2) was completed on August 15, 2025. Confirmation sampling was completed on August 15, 2025. Statistical analysis of the confirmation results was completed on October 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,

A handwritten signature in blue ink, appearing to read "P.J. Becker".

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 Standards
2nd Quarter 2025 Confirmed Exceedances

Well #	Parameter	Units	Proposed GWPS	5/27/2025	Resample 8/12/2025	Confirmed Exceedance
RW3	Arsenic	mg/L	0.0239	0.0808	0.103	Yes
AP1	pH	s.u.	6.5-9.0	6.42	6.42	Yes
AP1	Boron	mg/L	2	20.8	23	Yes
AP1	Calcium	mg/L	181.6	228	259	Yes
AP1	Sulfate	mg/L	400	858	884	Yes
AP1	Total Dissolved Solids	mg/L	1200	1740	1870	Yes
AP2	pH	s.u.	6.5-9.0	6.45	6.3	Yes
AP2	Boron	mg/L	2	3.12	3.43	Yes
AP2	Calcium	mg/L	181.6	183	216	Yes
AP2	Cobalt	mg/L	0.006	0.0095	0.0127	Yes
AP3	Boron	mg/L	2	12.9	16.5	Yes
AP3	Cobalt	mg/L	0.006	0.0081	0.0076	Yes
AP3	Sulfate	mg/L	400	505	609	Yes
AP4	Cobalt	mg/L	0.006	0.0083	0.0075	Yes
AP7	Arsenic	mg/L	0.0239	0.0289	0.0289	Yes
AP8	Arsenic	mg/L	0.0239	0.0446	0.0389	Yes
AP8	Lead	mg/L	0.0075	0.132	<0.0075	No
AP10	Boron	mg/L	2	4.5	4.25	Yes
AP10	Lead	mg/L	0.0075	0.0621	<0.0075	No
AP12	Calcium	mg/L	181.6	204	226	Yes
AP12	Sulfate	mg/L	400	416	488	Yes
AP14	Boron	mg/L	2	21.7	21.9	Yes
AP14	Calcium	mg/L	181.6	276	277	Yes
AP14	Sulfate	mg/L	400	909	926	Yes
AP14	Total Dissolved Solids	mg/L	1200	1620	1940	Yes