

Notification of Statistically Significant Levels above Groundwater
Protection Standards

February 2026 Groundwater Sampling Event

Dallman and Lakeside Coal Combustion Residuals Surface
Impoundments

City Water, Light and Power
Springfield, Illinois



Prepared by:

Environmental, Health & Safety, CWLP

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Notification of Statistically Significant Levels Above Groundwater Protection Standards – February 2026 Groundwater Sampling Event

Pursuant to 40 CFR 257.95(g) and Paragraph 269 of the January 14, 2025 Consent Agreement and Final Order, provided herein is notification of Statistically Significant Levels (SSLs) identified from the February 2026 groundwater sampling event at the Dallman and Lakeside Coal Combustion Residuals Surface Impoundments.

The February 2026 groundwater sampling event was completed on February 12, 2026. Laboratory analysis of the groundwater samples was completed on March 27, 2026. A statistical comparison to the analytical results to the Groundwater Protection Standards was completed on April 15, 2026. In accordance with the established groundwater monitoring program for the facility, confirmation sampling may be conducted within 90 days of the observation of an SSL. Confirmation sampling was completed on April 23, 2026. Laboratory analysis of the confirmation samples was completed on January 14, 2026. Statistical comparison of the confirmation samples was completed on July 15, 2026.

The following Appendix IV constituents were confirmed SSLs from the February 2026 groundwater sampling event:

Well #	Parameter	Units	MCL	Background	GWPS	2/12/26	Resample 4/23/2026	Confirmed SSL
RW-3	Arsenic	mg/l	0.01	0.0239	0.0239	0.0654	0.0874	YES
AP-2	Cobalt	mg/l	0.006	0.006	0.006	0.0063	0.0072	YES
AP-7	Arsenic	mg/l	0.01	0.0239	0.0239	0.0325	0.0222	NO
AP-8	Arsenic	mg/l	0.01	0.0239	0.0239	0.0394	0.0366	YES
AW1	Arsenic	mg/l	0.01	0.0239	0.0239	0.152	0.0202	YES