



**Southern Illinois
Power Cooperative**
11543 Lake of Egypt Road
Marion, IL 62959
(618) 964-1448 Fax (618) 964-1867

November 10, 2025

Illinois Environmental Protection Agency
Bureau of Land, Permits Section
Land Pollution Control Site ID 1990555005
Bureau of Land Log #2021-511

**RE: SOUTHERN ILLINOIS POWER COOPERATIVE
MARION POWER PLANT
FORMER EMERY POND
DATA TRANSMITTAL NOVEMBER 2025**

Dear Program Reviewer:

Consistent with the requirements of 35 Illinois Administrative Code Part 845.610(b)(3)(D), please find enclosed the groundwater monitoring data collected in September 2025 relative to the former Emery Pond. The closure by removal of the former Emery Pond was completed on April 5, 2021. Southern Illinois Power Cooperative (SIPC) determined detections above background, detections above the groundwater protection standards (GPS), and significant decreases (SSDs) using the methods described in the Groundwater Monitoring Plan Addendum #1 prepared by WSP USA Inc., formerly known as Golder Associates USA Inc., and dated October 2021. All locations were sampled in accordance with the Groundwater Monitoring Plan Addendum #1.

The following constituents were detected at statistically significant levels above background:

- Arsenic
- Boron
- Calcium
- Chloride
- Cobalt
- pH
- Sulfate
- Total Dissolved Solids



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The following constituents were detected at statistically significant levels above the applicable GPS:

- Arsenic
- Boron
- Calcium
- Chloride
- Cobalt
- pH
- Sulfate
- Total Dissolved Solids

The following SSD was identified at monitoring well EP-4:

- Thallium

Closure by removal of the former Emery Pond served as part of the approved groundwater correction action. SIPC will continue to monitor groundwater and report the results on a quarterly basis until concentrations are below the GPS for a period of three consecutive years.

Should you have any questions or comments regarding this Quarterly Progress Report, do not hesitate to contact me via my email address, jmclaurin@sipower.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason McLaurin".

Jason McLaurin
Environmental Coordinator
Southern Illinois Power Cooperative

cc: Danielle Sylvia Cofelice - WSP USA Inc.