



PORTLAND
1542 S. 200 West
Portland, IN 47371
Ph: (260) 726-7154
poet.com/portland

December 10, 2024

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Data Group
100 North Senate Avenue
Indianapolis, IN 46204-2251

RE: POET Biorefining – Portland LLC
NPDES Permit Number IN0062618
2023 Toxicity Reduction Evaluation (TRE) Quarterly Progress Report

Compliance Data Section,

POET Biorefining – Portland has been working with Biomonitor of Indianapolis to conduct a Toxicity Reduction Evaluation (TRE) according to the plan submitted on June 14, 2023. As part of the evaluation, 90-day progress reports are required. This progress report covers TRE activities from September 2024 through November 2024.

POET Biorefining continued to monitor plant operational data and rainfall events to identify possible causes of toxicity. The water discharged through outfall 002S primarily consists of stormwater which is temporarily stored in a gated retention pond. No sources of toxicity to the outfall have been identified.

The removal of sediment and re-grading of the ditch floors that flow to the pond, as well as cleanout of sediment within the pond, was completed in late October. This will assist in keeping the ditches and pond dry, helping to prevent biological growth that may be contributing to the failed tests. Due to no significant rain events, confirmation WETT testing has not begun.

In the next 90-day period, POET Biorefining plans to commission confirmation WETT testing to see if the changes have improved toxicity. If toxicity has improved, POET Biorefining will immediately begin post-TRE testing as described in Part 1.F.2c. of our permit.

Sincerely,

Brian Manges, CSP
Senior EH&S Specialist
POET Biorefining – Portland
1542 S. 200 West
Portland, IN 47371
260-729-8213