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By Terri.Drake at 6:06 am, May 26, 2026

Department of Energy

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May 21, 2026

Mr. Danny Anderson
Division of Waste Management
Kentucky Department for Environmental Protection
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601

PPPO-02-10037182-26

Mr. Todd Hendricks
Division of Waste Management
Kentucky Department for Environmental Protection
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601

Dear Mr. Anderson and Mr. Hendricks:

C-746-S&T LANDFILLS FIRST QUARTER CALENDAR YEAR 2026 (JANUARY–MARCH) COMPLIANCE MONITORING REPORT, PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, FRNP-RPT-0412/V1, PERMIT NUMBER SW07300014, SW07300015, SW07300045, AGENCY INTEREST ID NO. 3059

The subject report for the first quarter calendar year (CY) 2026 has been uploaded to the Kentucky eForms portal via the Kentucky Online Gateway. Other recipients outside the Solid Waste Branch are receiving this document via email distribution (see distribution list). This report is required in accordance with Solid Waste Landfill Permit Number SW07300014, SW07300015, SW07300045 (Permit). This report includes groundwater analytical data, a validation summary, groundwater flow rate and direction determination, figures depicting well locations, and methane monitoring results.

The statistical analyses of the first quarter CY 2026 monitoring well data collected from the C-746-S&T Landfills were performed in accordance with Monitoring Condition GSTR0003, Standard Requirement 3, using the U.S. Environmental Protection Agency guidance document, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (1989).

Statistically significant exceedances were indicated for dissolved solids in MW373, and for beta activity and sulfate in MW387. These statistical exceedances are Type 2 Exceedances—Source Unknown. Continued evaluation of beta activity, dissolved solids, and sulfate levels through future quarterly monitoring events is recommended. This report also serves as the statistical exceedance notification for the first quarter CY 2026, in accordance with Monitoring Condition GSTR0003, Standard Requirement 5, of the Permit.

I am not authorized to negotiate, or make any agreements or commitments, which involve a change in the scope, price, period of performance, terms, or conditions of the contract. If you believe that a change has been directed as a result of this correspondence, then in accordance with contract clause DEAR 952.242-70 "Technical Direction," you are directed to contact the Contracting Officer, in writing, within five (5) working days after receipt of this letter (or email) and prior to taking any action as a result of this letter.

If you have any questions or require additional information, please contact Scott McIntyre at (270) 556-6025

Sincerely,

APRIL LADD Digitally signed by APRIL LADD Date: 2026.05.21 13:20:16 -05'00'

April Ladd
Acting Deputy Manager
Portsmouth/Paducah Project Office

Enclosure:
C-746-S&T Landfills First Quarter Calendar Year 2026 (January–March) Compliance Monitoring Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0412/V1

cc w/enclosure:
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