

From: [Markert, Elizabeth](#)
To: [Uzumecki, Dylan](#)
Cc: [RAMAN, SHYAMALA](#); [McCormick, Debra J](#); [Ellen O"Neil](#); [Weinzapfel, Adam](#)
Subject: County Line Landfill (FP 25-03) Semi-Annual Storm Water Monitoring April 2024 - Fulton County (No eRTE)
Date: Monday, July 1, 2024 2:27:34 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Mr. Uzumecki,

I have reviewed the above named report dated June 25, 2024 (VFC #83658125). Storm water samples were collected on April 25, 2024 from the South Pond (Outfall 004), Northwest Pond (Outfall 001), and Southwest Pond (Outfall 005). The facility did not sample Outfall 002 during this sampling event.

The sampling results are for the following parameters:

- **Total Iron**
- **Ammonia as N**
- **BOD₅**
- **TSS**
- **Field pH; and**
- **Total Phenolics**

Note: All units are in mg/L, except pH which is in (s.u).

The NPDES Storm Water Numeric Limitations/regulatory requirements are as follows:

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Total Iron	1.0 mg/L
Ammonia as N	19 mg/L
BOD5 (Biochemical Oxygen Demand)	30 mg/L
TSS (Total Suspended Solids)	100 mg/L
pH (measured in field)	6 – 9 in s.u.
Total Phenolics	1.0 mg/L

Reference: 329 IAC 10-20-11(g)(2) – Federal Register, Vol. 65, No. 210, October 30, 2000 (Table 3, Page 64767)

Outfall Description/ Location:

Outfall 002: Drop structure along the northern part of the eastern site boundary. Drainage from a small area south of the maintenance area and from along the highway, enters this structure. Outfall 002 discharges into the KA Fieser drain tile, which discharges into an intermittent ditch called Shetterly Ditch. Outfall 002 is typically dry.

Northwest Pond: Discharges to a culvert (Outfall 001) that flows underneath State Road 110 to the north. This discharge eventually enters Redinger Ditch. Sampling of Northwest Pond has occurred from October 25, 2004 to present.

Southwest Pond: Discharges through a fill tube (Outfall 005) to the west underneath the road to drainage that enters Rannels Ditch. Sampling of Southwest Pond has occurred from October 25, 2004 to present

South Pond: Discharges through a vertical drop structure (Outfall 004) in the southeast corner of the site to the Chas. Town tile. Sampling of South Pond has occurred from July 8, 2004 to present.

April 2024 Sampling Results:

South Pond (Outfall 004) Constituent Readings are below the regulatory requirements except Total Iron (1.5 mg/L).

The concentration of Iron reported in this sampling event (i.e., 1.5 mg/L) was higher than that reported in the October 2023 sampling event (i.e., 0.35 mg/L). This concentration is on trend with historical data for this outfall. The report stated that iron at concentrations above the NPDES criteria is not uncommon due to its presence in soils and ground water. Similar or higher concentrations at this pond have been reported to IDEM in past reports.

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Southwest Pond (Outlet 005) Constituent Readings are below the regulatory requirements.

Northwest Pond (Outlet 001) Constituent Readings are below the regulatory requirements.

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Please address the following in your next semi-annual report as applicable:

1. If any parameters exceed in the future, please explain why these parameters exceeded the background/benchmark values established for the landfill. Please describe any particular landfill activities or events that caused these exceedances and explain why the current approved SWP3 did not prevent these parameters from exceeding the limits.
2. Please indicate if any outfalls and/or sedimentation ponds were added or eliminated since the last semi-annual report. If so, state the reasons.

Please let me know if you have any questions.

Thanks,



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