

July 11, 2025

JOHN FOSTER  
SOLID WASTE ADMINISTRATOR  
BLACK HAWK COUNTY SOLID WASTE MANAGEMENT COMMISSION  
PO BOX 208  
WATERLOO IA 50704

**Re: Black Hawk County Sanitary Landfill  
2024 Annual Water Quality Report (Doc [#112121](#))  
Water Quality Assessment Plan (Doc [#112125](#))  
Hydrologic Monitoring System Plan (Doc [#112760](#))  
Permit #07-SDP-01-75P**

Dear Mr. Foster:

The Iowa Department of Natural Resources (DNR) has reviewed the 2024 Annual Water Quality Report (AWQR), and the Water Quality Assessment Plan, both dated January 30, 2025; along with the Hydrologic Monitoring System Plan (HMSP), dated April 7, 2025, all submitted on your behalf by AECOM. Based on our review of the submittals, the DNR has the following comments:

**2024 AWQR**  
**Report Priority**

None

**Sampling Summary**

Monitoring at this site includes:

1. Background monitoring points: OW-101B, MW-114B, OW-213BR, OW-216BR, OW-217B, OW-218B, OW-219B, MW-304B, MW-319B, MW-701B, MW-702B, MW-703B, MW-704B, MW-705B, MW-706B, MW-707B, MW-708B, MW-709B, MW-710B, MW-318CR, P-604C, and P-703C.
2. Detection monitoring points: OW-105B, OW-209B, MW-501B, MW-602B, MW-603B, MW-604B, MW-711B, MW-712B, P-214CR, P-215CR, and P-216CR.
3. Assessment monitoring points: OW-113B, OW-212B, OW-221B, OW-222B, OW-223B, MW-409B, and P-213C.

4. Corrective action monitoring wells: OW-205B, OW-220B, OW-224B, OW-225B, OW-226B, OW-227B, OW-401B, OW-402B, OW-410B, OW-411B, OW-412B, OW-413B, and OW-414B. Sampling of these wells shall take place in accordance with paragraph 113.10(9)"e", which governs the completion of corrective actions.
5. Groundwater underdrains: GUW1-1, GUW2-1, GUW3-1, GUX-1/GUE-1, and SW-1/GUE-2, which are all being discharged to the leachate collection system.
6. The DNR concurs with the recommendations in section 4 of the report.

#### **Monitoring Well Maintenance and Performance Reevaluation**

The monitoring well maintenance plan is present and future maintenance is planned out. The DNR has no further comments.

#### **Leachate Control System Performance Evaluation Report**

In Appendix D, there is a reference to "Table 2" which contains the leachate head levels. In the report, there's only Tables 1A and 1B. Please include the head level tables in future reports.

#### **Landfill Gas Annual Report**

No methane exceedances were recorded for 2024. The DNR has no further comments.

#### **Water Quality Assessment Plan**

Based on the data included in the report, the DNR concurs with the Summary and Conclusions listed in section 9 of the report.

#### **Hydrologic Monitoring System Plan (HMSP)**

The updated HMSP is approved and will be included in the next permit revision.

For any questions, you may contact me at [\(515\) 587-7638](tel:5155877638) or [geoffrey.spain@dnr.iowa.gov](mailto:geoffrey.spain@dnr.iowa.gov).

Sincerely,

Geoffrey Spain  
Environmental Engineer  
Land Quality Bureau

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DNR Field Office #1, Manchester