

April 3, 2025

DOUG MILLER PE
KOSSUTH COUNTY ENGINEER
114 WEST STATE STREET
ALGONA IA 50511

**Re: Kossuth County Sanitary Landfill
2024 Annual Water Quality Report (Document [#112329](#))
Permit #55-SDP-01-75C**

Dear Mr. Miller:

The Iowa Department of Natural Resources (DNR) has reviewed the 2024 Annual Water Quality Report (AWQR), dated February 19, 2025, as submitted on your behalf by SCS Engineers. The DNR has the following comments:

Report Priority

None.

Sampling Summary

Monitoring at the site includes:

1. Background monitoring points: MWPZ-8A, MWPZ-8B-2, MW-22A, and MW-27.
2. Downgradient monitoring points: MW-22B, MW-23, MW-25, MW-19, MWPZ-16A, MW-12, MW-18, MW-26, MW-20, and MW-28.
3. Wells that are currently in assessment monitoring: MW-PZ-16A, MW-19, MW-18, MW-20, MW-25, and MW-23.
4. Monitoring wells currently in corrective action: MW-22B and MW-28.
5. The DNR concurs with the recommendations in "Section 6.0" 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

The landfill has been closed since 2008, areas with leachate collection lines are regularly inspected and cleaned. The DNR acknowledges the head levels above 12 inches, with no noticeable trends increasing nor decreasing. The DNR has no further comments.

Gas Monitoring Report

The measured explosive gas concentrations did not exceed 100% of the lower explosive limit (LEL). The DNR has no further comments.

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

Sincerely,

Geoffrey Spain
Environmental Engineer
Land Quality Bureau

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Field Office #2