

May 2, 2025

BILL ROWLAND
LANDFILL OF NORTH IOWA
15942 KILLDEER
CLEAR LAKE IA 50428

RE: Landfill of North Iowa
Permit No. 17-SDP-01-75P
2024 Annual Water Quality Report (Doc [#112687](#))

Dear Mr. Rowland:

The Iowa Department of Natural Resources (DNR) has reviewed the 2024 Annual Water Quality Report (AWQR), dated March 31, 2025, as prepared by Foth Infrastructure & Environment, LLC, and has the following comments:

Report Priority

The request to change the Annual Water Quality Report (AWQR) submittal deadline to March 31 of each year is approved. A revised permit will be sent out.

Sampling Summary

Monitoring at the site includes:

1. Background monitoring points: MW-106A-12, MW-15-10R, MW-16-03, MW-20-03, MW-23-03, and MW-22A-03.
2. Downgradient monitoring points: GUA-1, GUA-1-2, MW-1-89, MW-2A-89, MW-3-89, MW-4A-89, MW-4B-89, MW-5-89, MW-6-89, MW-8A-89, MW-9-92, MW-101A-12, MW-102A-12, MW-103A-12, MW-104A-12, and MW-105A-12.
3. Delineation Monitoring points: MW-11, MW-101B, MW-107A, and MW-108A.
4. The following monitoring points are in assessment monitoring; MW-1-89, MW-4B-89, MW-5-89, MW-9-92, MW-102A-12, MW-103A-12, and MW-104A-12.
5. The following monitoring points are in corrective action; MW-2A-89 and MW-101A-12.

6. The DNR concurs with the recommendations listed in section 4.2 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 of North Iowa is authorized to recirculate leachate, but leachate was not recirculated during 2024. The DNR acknowledges the head level measurements above 12 inches in the lined disposal areas.

Gas Monitoring Report

The measured explosive gas concentrations did reach 100% of the lower explosive limit (LEL) during 2024, but not for the monitoring points for any buildings. The DNR has no further comments.

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

Sincerely,

Geoffrey Spain
Environmental Engineer
Land Quality Bureau

cc: Gina Wilming
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DNR Field Office #2