

July 5, 2024

MARY WITTRY
CARROLL COUNTY SOLID WASTE MANAGEMENT COMMISSION
19111 KITTYHAWK AVENUE
CARROLL IA 51401

**RE: Carroll County Sanitary Landfill
2023 Annual Water Quality Report – Western Expansion Area (Doc [#109295](#))
Permit #14-SDP-01-74P**

Dear Ms. Wittry:

The Iowa Department of Natural Resources (DNR) has reviewed the 2023 Annual Water Quality Report – Western Expansion Area, dated February 22, 2024, as submitted on your behalf by Foth Infrastructure & Environment, LLC. The DNR has the following comments:

Report Priority

The request to replace MW-204RR with MW-205 for the downgradient monitoring network, but retaining MW-204RR as a water level measuring point is approved, along with the replacement of points of compliance for Phases 4A through 5A (MW-204/MW-204R/MW-204RR) with MW-205 and MW-206. The necessary changes to the permit will be issued in the next revision.

Sampling Summary

Monitoring at this site includes:

1. Background monitoring points: MW-122R, and MW-200.
2. Downgradient monitoring Points: GU-2A, GU-4A, MW-119RR, MW-121R, MW-200, MW-205, and MW-206.
3. Monitoring well MW-121R is in assessment monitoring.

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 leachate collection system is being maintained, with no thickness of leachate above 12” detected above the liner. The DNR has no further comments.

Gas Monitoring Report

Explosive gas concentrations were not found above the lower explosive limit (LEL). The DNR has no further comments.

For any questions, please 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 #4, Atlantic