



June 30, 2025

JOHN ROOSA ADMINISTRATOR  
BOONE COUNTY LANDFILL  
BOONE COUNTY HEALTH & SANITATION  
1268 224<sup>TH</sup> LANE  
BOONE IA 50036

**RE: Boone County Sanitary Landfill  
Permit No. 08-SDP-01-75  
2024 Annual Water Quality Report (Doc [#112027](#))  
Verification Sampling Results Passive Engineered Conveyance System (PCES-3)  
(Doc [#112360](#))**

Dear Mr. Roosa:

The Iowa Department of Natural Resources (DNR) has reviewed the 2024 Annual Water Quality Report (AWQR), dated January 28, 2025, and the Sampling Results of the Passive Engineered Conveyance System, dated February 24, 2025, both as prepared by HLW Engineering Group. The DNR has the following comments:

**Report Priority**

None.

**Sampling Summary**

Monitoring at this site includes:

1. Background monitoring points: MW88-2, MW91-8, MW02-15A, MW98-28, and MW02-30A.
2. Detection monitoring points: MW94-18, MW09-40, MW91-10, MW96-21, MW96-24, MW88-3, MW96-23, MW21-43, and groundwater underdrains GWD-1 (GU-1), GU-3, and UD-4 (GU-4).
3. Well MW96-21 is in assessment monitoring.
4. The following wells are in corrective action: GU-3, SRAMP 1, MW98-25, MW06-37, MW06-38, MW06-39, and Passive Engineered Conveyance System outfalls SRAMP 2 and "PECS-3."

5. The DNR concurs with the recommendations listed in section 4.0 of the report.

**Verification Sampling Results Passive Engineered Conveyance System (PCES-3)**

After reviewing the submittal, the DNR concurs with the determination that the Passive Engineered Conveyance System is functioning as designed.

**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 DNR has no 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 or comments, 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

cc: Todd Whipple, CPG  
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DNR Field Office #5

