

April 2, 2026

Ms. Alexis Slade, Environmental Engineer
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321



**RE: 2026 Semi-Annual Water Quality Notification Letter
Page County Sanitary Landfill 73-SDP-01-75P**

Dear Ms. Slade:

Hydrologic Monitoring System Plan (HMSP)

At the Page County Sanitary Landfill, the following monitoring wells are the upgradient/background wells for the facility: MW-17 and MW-44. Data from MW-1 (prior to and including March 2023) is also included in the background data.

The following downgradient monitoring points are in the detection monitoring system: MW-13, MW-14, MW-53, GWD-1 (GU-1), GWD-2 (GU-2), GWD-3 (GU-3), and GWD-4 (GU-4).

The following downgradient wells are in the assessment monitoring system: MW-1d, MW-3, MW-7, MW-10, and MW-19R.

The following downgradient wells are in the assessment/corrective action monitoring system: MW-16, MW-18 and MW-20.

Notification of Results - Spring Sampling, Analysis, and Statistical Evaluation (Interwell)

Wells in the Detection Monitoring System

Verified Prediction Limit Exceedances (SSI) for **inorganic** compounds:

None.

Verified Prediction Limit Exceedances (SSI) for **VOC** include:

None.

Wells in the Assessment Monitoring System

Verified **inorganic** compound detections that exceed the Prediction Limit:

- MW-1d – barium
- MW-3 – *None*
- MW-7 – arsenic
- MW-10 – *None*
- MW-19R – *None*

Verified **VOC** detections that exceed the Prediction Limit:

- MW-1d – *None*
- MW-3 – *None*
- MW-7 – *None*
- MW-10 – *None*
- MW-19R – 1,1-dichloroethane, cis-1,2-dichloroethene

There are no on-going requirements to sample for any additional Appendix II compounds during semi-annual monitoring events based on historic sampling data. Further, the frequency of the annual requirement for Appendix II sampling has been reduced to once per five (5) years.

Notification of Results - Spring Sampling, Analysis, and Statistical Evaluation (Intrawell)

Pending completion of eight (8) data collection events at GWD-3 and GWD-4 (tentatively in 2027).

Wells in the Corrective Action Monitoring System

Verified **inorganic** compound detections that exceed the Prediction Limit:

- MW-16 – *None*
- MW-18 - arsenic
- MW-20 - arsenic, barium

Verified **VOC** detections that exceed the Prediction Limit:

- MW-16 – 1,4-dichlorobenzene, benzene, chlorobenzene, cis-1,2-dichloroethene, methane
- MW-18 - *None*
- MW-20 - *None*

The following compounds have the 95% LCL concentrations recorded in excess of the GWPS.

Well	Compound	95% LCL	State GWPS	Site-Specific GWPS
MW-18	arsenic	27.883 ug/L	10.0 ug/L	10.0 ug/L
MW-20	arsenic	45.573 ug/L	10.0 ug/L	10.0 ug/L

Wells returning to the detection monitoring system

None.

This notification is intended to satisfy requirements of Iowa Administrative Code (IAC) 567-113.10(5)"c"(1); 113.10(6)"d"(1); and 113.10(6)"g".

The water quality results for the Spring of 2026 will be fully evaluated in the Annual Water Quality Report in accordance with the permit and IAC 567-113.10(10).

Please feel free to contact our office at (515) 733-4144 with any questions you may have.

Sincerely,

HLW Engineering Group



Todd Whipple, CPG
Project Manager

cc: Brian Ward, Landfill Manager

GROUND WATER STATISTICS
FOR THE
PAGE COUNTY SANITARY LANDFILL

First Semi-Annual Monitoring Event in 2026

Prepared for:
Page County Landfill Association
2032 N Avenue
Clarinda, Page County, IA

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