

April 3, 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
Fremont County Sanitary Landfill 36-SDP-01-74P**

Dear Ms. Slade:

HMSP

At the Fremont County Sanitary Landfill, the following monitoring wells are the upgradient/background wells for the facility: MW-2, MW-14, MW-18, and MW-19.

The following downgradient monitoring points are in the detection monitoring system: MW-9, MW-21, MW-23, GWD-1, and GWD-2. The groundwater underdrains (GWD-1 and GWD-2) are evaluated by intrawell statistical methods and remain in the detection monitoring system, as no control limits are exceeded at GWD-1 or GWD-2.

The following downgradient wells are in the assessment monitoring system: MW-3, MW-12, and MW-15.

Notification of Results of Spring Sampling, Analysis, and Statistical Evaluation

Wells in the Detection Monitoring System

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

None

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

None

Intrawell - Verified Control Limit Exceedances (SSI) for **inorganic** compounds:

None

Wells in the Assessment Monitoring System

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

MW-3 – barium

MW-12 –barium, nickel

MW-15 - barium

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

MW-3 – None

MW-12 – None

MW-15 - None

There are no on-going requirements to sample 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. Full Appendix II sample collection events are highlighted in green on the following table.

Date	bis(2ethylhexyl)phthalate (ug/L)		
	MW-3	MW-12	MW-15
9/23/2009	NT	NT	NT
6/1/2010	<8	NT	<8
10/11/2011	<8	NT	<8
10/10/2013	NT	<8	<8
9/18/2014	NT	NT	NT
4/29/2015	NT	NT	NT
10/6/2015	NT	NT	NT
4/19/2016	NT	NT	NT
9/19/2016	<8	NT	NT
3/21/2017	NT	NT	NT
10/12/2017	NT	NT	NT
3/8/2018	NT	NT	NT
9/6/2018	NT	NT	NT
5/13/2019	NT	NT	NT
9/26/2019	NT	NT	NT
3/30/2020	NT	NT	NT
9/17/2020	NT	NT	NT
3/9/2021	NT	NT	NT
9/9/2021	<6	NT	NT
3/14/2022	NT	NT	NT
9/1/2022	NT	<6	7.0
3/6/2023	NT	NT	NT
5/9/2023	NT	NT	<6
9/8/2023	NT	<6	<6
3/20/2024	NT	NT	NT
9/25/2024	NT	NT	NT
3/11/2025	NT	NT	NT
9/8/2025	NT	NT	NT

Corrective Action Monitoring System

Not Applicable – There are no 95% LCL values that exceed a GWPS.

Wells returning to detection monitoring

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: Casey Moyer, Landfill Manager

GROUND WATER STATISTICS
FOR THE
FREMONT COUNTY LANDFILL

First Semi-Annual Monitoring Period in 2026

Prepared for:
Fremont County Landfill
2879 250th Street
Sidney, Fremont County, IA

Prepared by:
Jeffrey A. Holmgren
Otter Creek Environmental Services, LLC
Elgin, IL
(847) 464-1355

April 2026
