

West Des Moines, IA

PROJECT: Harrison Co, FY25 Env Comp, IA 27224470.25 DATE: 12/8/2025

SUBJECT: Harrison County Sanitary Landfill - 43-SDP-05-94P - 2025 Semi-Annual Sampling Notification TRANSMITTAL ID: 00002

PURPOSE: For your approval VIA: Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Sean Marczewski West Des Moines, IA	SCS Engineers	SMarczewski@scsengineers.com	+1-515-631-6152

TO

NAME	COMPANY	EMAIL	PHONE
Mike Smith 502 East 9th Street Des Moines IA 50319-0034 United States	Iowa, State of	mike.smith@dnr.iowa.gov	515-725-8200

REMARKS: Mike -

Please find for download the Harrison County Sanitary Landfill 2025 Semi-Annual Sampling Notification. Please let us know if you have any questions or comments.

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Transmittal

DATE: 12/8/2025
TRANSMITTAL ID: 00002

Becky Jolly
Tyler Hinkel
Nathan Ohrt
Sean Marczewski

(Harrison County Landfill)
(SCS Engineers)
(SCS Engineers)

December 8, 2025
File No. 27224470.25

Mr. Mike Smith, P.E.
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue
Des Moines, Iowa 50321

Subject: 2025 Semi-Annual Sampling Notification
Harrison County Sanitary Landfill
Permit No. 43-SDP-05-94P

Dear Mike:

SCS Engineers, on behalf of the Harrison County Landfill Commission, is submitting herewith a summary of the 1st 2025 semi-annual groundwater sampling event for the Harrison County Sanitary Landfill (Landfill) in general accordance with the Iowa Administrative Code (IAC) 567-113.10(5) and 113.10(6).

Report Priority

Di-n-butyl phthalate was detected in monitoring point MW-4A during the November 2024 semi-annual sampling event. During the February 2025 retesting event, di-n-butyl phthalate was not detected, and no additional action is warranted at this time.

Statistical Summary

Groundwater sampling was performed on June 10 and 11, 2025, and the associated field sheets were completed. Monitoring wells MW-12B and MW-16 were not sampled as the wells were dry at the time of sampling. The samples were shipped and received at the laboratory with acceptable preservation requirements and at the appropriate temperature. Statistical evaluation was performed using analytical data received from the laboratory. The field sheets, laboratory analytical reports, data validation documentation, and statistical output from statistical evaluation will be included in the 2025 Annual Water Quality Report.

Statistical evaluation results for the Landfill's 1st 2025 semi-annual sampling event are summarized in Table 1.

Table 1
1st 2025 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	Indicated SSIs	SSLs
MW-1A	Background	Background data collection.	
MW-14	Background	Background data collection.	
MW-4A	Assessment	None	None



Monitoring Point	Monitoring Program	Indicated SSIs	SSLs
MW-5A	Assessment	None	None
MW-8A	Detection	Arsenic	-
MW-10R	Detection	None	-
MW-11A	Detection	None	-
MW-12B	Assessment	Not calculated (dry)	None
MW-13R	Detection	None	-
MW-16	Detection	Not calculated (dry)	-
MW-17	Detection	None	-

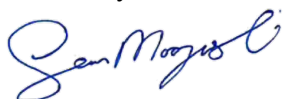
An SSI (statistically significant increase) above background for arsenic in monitoring well MW-8A was indicated during the 1st 2025 semi-annual statistical evaluation. A retest was conducted on November 18, 2025, and the arsenic concentration was a J flag, so the indicated arsenic SSI was not confirmed. There were three well/detected constituent pairs with SSIs above background indicated in monitoring well MW-5A. Monitoring well MW-5A is in assessment monitoring and does not require retesting; therefore, the SSIs were not confirmed. No exceedances of the groundwater protection standards (GWPSs) at statistically significant levels (SSLs) for the Hydrologic Monitoring System Plan (HMSP) monitoring points in the assessment monitoring program were identified during the 1st 2025 semi-annual statistical evaluation.

No changes to the Landfill's monitoring program are recommended based on the results from the 1st 2025 semi-annual sampling event.

Services were performed in general accordance with IAC 567-113.10 and the current requirements for implementation of the HMSP for the site. This correspondence constitutes the 2025 Semi-Annual Sampling Notification.

If you have any questions regarding this notification, please contact Sean Marczewski at (712) 661-9682.

Sincerely,



Sean Marczewski
Senior Project Professional
SCS Engineers



Nathan Ohrt
Senior Project Professional
SCS Engineers

SAM/NPO

Copies: Mr. Tyler Hinkel, Landfill Manager