

West Des Moines, IA

PROJECT: Harrison Co, FY26 Env Comp, IA 27224470.26 DATE: 9/22/2026

SUBJECT: Harrison County Sanitary Landfill - 43-SDP-05-94P - 2026 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
khalid.algharrawi@dnr.iowa.gov		khalid.algharrawi@dnr.iowa.gov	

REMARKS: Khalid -

SCS Engineers, on behalf of the Harrison County Landfill Commission, is submitting the 2026 Semi-Annual Sampling Notification, for the Harrison County Sanitary Landfill. If you have any questions or comments regarding this report, please contact me at the number below.

Thanks,



Sean Marczewski
Senior Project Professional
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	9/22/2026	2026-09-22_Harrison County Sanitary Landfill_2026 Semi-Annual Sampling Notification_v1.0.pdf	

COPIES:

Tyler Hinkel (Harrison County Landfill)

Transmittal

DATE: 9/22/2026
TRANSMITTAL ID: 00002

Nathan Ohrt
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September 22, 2026

Dr. Khalid Al Gharrawi
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue
Des Moines, Iowa 50321

Subject: 2026 Semi-Annual Sampling Notification
Harrison County Sanitary Landfill
Permit No. 43-SDP-05-94P

Dear Khalid:

SCS Engineers, on behalf of the Harrison County Landfill Commission, is submitting herewith a summary of the 1st 2026 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).

Groundwater sampling was performed on June 9, 2026, and the associated field sheets were completed. Monitoring well MW-16 was not sampled as the well was dry at the time of sampling. Monitoring well MW-12B was abandoned during Phase 3B cell construction as approved in correspondence dated April 28, 2026 (Doc #116967). 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 2026 Annual Water Quality Report.

Statistical evaluation results for the Landfill's 1st 2026 semi-annual sampling event are summarized in Table 1.

Table 1
1st 2026 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	Indicated SSLs	SSLs
MW-1A	Background	Background data collection.	
MW-14	Background	Background data collection.	
MW-4A	Assessment	None	None
MW-5A	Assessment	Cobalt	None

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

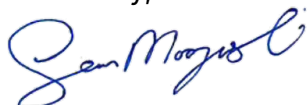
During this reporting period, the selenium concentration at monitoring well MW-17 was measured at 0.0033 mg/L, resulting in a statistically significant increase (SSI) relative to the background concentration of 0.0025 mg/L. Since this is the first detection above the reporting limit and since the measured selenium concentration was below the statewide groundwater protection standard (GWPS) of 0.05 mg/L, it is requested that the result of the 2nd 2026 semi-annual sampling event for selenium at monitoring well MW-17 function as a retest.

There was one well/detected constituent pair with an SSI above background indicated in monitoring well MW-5A. Monitoring well MW-5A is in assessment monitoring and does not require retesting; therefore, the SSI was not confirmed. No exceedances of the 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 2026 semi-annual statistical evaluation.

No changes to the Landfill's monitoring program are recommended based on the results from the 1st 2026 semi-annual sampling event.

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

Sincerely,



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CC: Mr. Tyler Hinkel, Operations Manager, Harrison County Landfill Commission