

West Des Moines, IA

PROJECT: WRD,FY26 Env Comp,IA DATE: 7/7/2026
27224309.26

SUBJECT: Wayne-Ringgold-Decatur County TRANSMITTAL ID: 00005
Sanitary Landfill North MSWLF
Unit - 27-SDP-01-75P - 2026
Semi-Annual Sampling
Notification

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 Wayne-Ringgold-Decatur County Landfill Commission, is submitting the 2026 Semi-Annual Sampling Notification, for the Wayne-Ringgold-Decatur County Sanitary Landfill North MSWLF Unit. If you have any questions or comments regarding this report, please contact me at the number below.

Thanks,

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Transmittal

DATE: 7/7/2026
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	7/7/2026	2026-07-07_Wayne-Ringgold-Decatur County Sanitary Landfill North MSWLF Unit_2026 Spring Sampling Notification_v1.0.pdf	

COPIES:

Sean Marczewski	(SCS Engineers)
Nathan Ohrt	(SCS Engineers)
Becky Jolly	
Doug Collier	(Wayne Ringgold Decatur Solid Waste Management Commission)

July 7, 2026
File No. 27224309.26

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
Wayne-Ringgold-Decatur Sanitary Landfill
North MSWLF Unit
Permit No. 27-SDP-01-75P

Dear Khalid:

SCS Engineers, on behalf of the Wayne-Ringgold-Decatur County Landfill Commission, is submitting herewith a summary of the 1st 2026 semi-annual groundwater sampling event for the North municipal solid waste landfill unit (North MSWLF unit) at the Wayne-Ringgold-Decatur Sanitary Landfill in general accordance with the Iowa Administrative Code (IAC) 567-113.10(6).

Groundwater sampling was completed on February 12, 2026, and the associated field sheets were completed. The samples were shipped and received at the laboratory with acceptable preservation requirements and at appropriate temperatures. Statistical evaluation was performed using analytical data received from the laboratory. The field sheets, laboratory analytical reports, data validation documentation, and statistical output from the statistical evaluation will be included in the 2026 Annual Water Quality Report.

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

Table 1
1st 2026 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	SSIs	SSLs
MW-8	Background	Background for impact delineation.	
MW-1	Assessment	Barium, Benzene	None
MW-17	Assessment	Barium	None
MW-19	Assessment	Barium, Copper	None
MW-20	Assessment	Barium	None
MW-21	Corrective Action	Barium, Nickel	Cobalt*

SSI – Statistically Significant Increase above background.

SSL – Statistically Significant Level above a groundwater protection standard.

* - The lower confidence limit was below the groundwater protection standard.



There were eight well/detected constituent pairs with indicated statistically significant increases (SSIs) above background. The monitoring wells are in assessment or corrective action monitoring and do not require a retest; therefore, the SSIs were not confirmed.

The exceedance of the groundwater protection standard (GWPS) at a statistically significant level (SSL) for cobalt in monitoring well MW-21 was previously reported.

For monitoring points in the corrective action monitoring program, if the upper confidence limit or any part of the upper confidence band, as appropriate, exceeds the GWPS, the constituent-monitoring point pair would not satisfy the requirements to complete corrective action as specified in IAC 567-113.10(9)"e"(2), which requires three consecutive years of the upper confidence limit or upper confidence band, as appropriate, below the GWPS. The progress of the constituent-monitoring point pair toward satisfying the requirements is shown in Table 2.

Table 2
Progress Toward Remedy Completeness

Monitoring Point	SSL Above GWPS	Upper Confidence Limit Below GWPS					
		1 st Year		2 nd Year		3 rd Year	
MW-21	Cobalt	NA	NA	NA	NA	NA	NA

NA indicates that the constituent-monitoring point dataset has not satisfied the statistical requirements of IAC 567-113.10(9)"e"(2), which is identified by the upper confidence limit or any part of the upper confidence band, as appropriate, being below the GWPS.

No changes to the North MSWLF unit's monitoring program are recommended based on the results from the 1st 2026 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 North MSWLF unit.

If you have any questions regarding this notification, please contact Nathan Ohrt at (319) 331-9613.

Sincerely,



Nathan Ohrt
Senior Project Professional
SCS Engineers



Sean Marczewski
Senior Project Professional
SCS Engineers

NPO/SAM

Copies: Ms. Sheila Caldwell & Mr. Doug Collier, Wayne-Ringgold-Decatur County Sanitary Landfill