

West Des Moines, IA

PROJECT: WC,CY26 Env Comp&On-
Call,Montgomery,IA
27226009.02

DATE: 8/20/2026

SUBJECT: Montgomery County Sanitary
Landfill - 69-SDP-01-74P - 2026
Semi-Annual Sampling
Notification

TRANSMITTAL ID: 00002

PURPOSE: For your approval

VIA: Info Exchange

FROM

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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 -

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

Thanks,



Sean Marczewski
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Transmittal

DATE: 8/20/2026
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	8/20/2026	2026-08-20_Montgomery County Sanitary Landfill_2026 Semi-Annual Sampling Notification_v1.0.pdf	

COPIES:

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File No. 27226009.02

August 20, 2026

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

Subject: 2026 Semi-Annual Sampling Notification
Montgomery County Sanitary Landfill
South MSWLF Unit & North MSWLF Unit
Permit No. 69-SDP-01-74P

Dear Mike:

SCS Engineers, on behalf of Iowa Waste Services, LLC, is submitting herewith a summary of the 1st 2026 semi-annual groundwater sampling event for the South municipal solid waste landfill (MSWLF) unit and the closed North MSWLF unit at the Montgomery County Sanitary Landfill (Landfill) in general accordance with Iowa Administrative Code (IAC) 567-113.10(5) and 113.10(6).

Statistically significant increases (SSIs) above background were indicated for lead in monitoring well MW-19R and nickel in monitoring well MW-29 during the 2nd 2025 statistical evaluation as documented in the 2025 Annual Water Quality Report dated February 24, 2026 (Doc #116236). Retesting occurred on February 25, 2026, and the lead SSI in monitoring well MW-19R was not confirmed. A second retest for nickel in MW-29 occurred on April 28, 2026, and the SSI was not confirmed.

Groundwater sampling was completed on June 16-18, 2026, and the associated field sheets were completed. The samples were shipped and received at the laboratory in acceptable condition, meeting the preservation requirements and maintained at the appropriate temperature. Statistical evaluation was performed using analytical data received from the laboratory. Data validation procedures were conducted prior to statistical evaluation. 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 Landfill 1st 2026 semi-annual sampling event are summarized in Table 1.

Table 1
1st 2026 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	Indicated SSIs	SSLs
South MSWLF Unit			
MW-23	Background	Background for the detection monitoring program.	
MW-24	Background	Background for the detection monitoring program.	
MW-19R	Detection	None	-
MW-22	Detection	None	-
MW-28	Detection	Selenium	-
MW-29	Detection	None	-
GU-1	Detection	Selenium	-
GU-2	Detection	ISE	-
North MSWLF Unit			
MW-11	Background	Background for impact delineation.	
MW-12	Background	Background for impact delineation.	
MW-13	Background	Background for impact delineation.	
MW-4	Assessment	NA**	NA**
MW-5	Assessment	NA**	NA**
MW-6	Assessment	NA**	NA**
MW-7R	Corrective Action	Barium, Cobalt, Nickel	Barium*, Nickel, Beta-BHC
MW-8	Assessment	NA**	NA**
MW-9	Assessment	NA**	NA**
MW-14	Assessment	NA**	NA**
MW-15	Assessment	NA**	NA**
MW-16	Assessment	NA**	NA**
MW-17	Assessment	NA**	NA**
MW-27	Assessment	NA**	NA**

ISE – Insufficient sampling events to perform statistical analysis.

* - The upper confidence limit was below the GWPS.

** - Not applicable. Monitoring well MW-7R was the only monitoring well sampled for the North MSWLF unit during this reporting period, in accordance with the approved corrective action groundwater monitoring program (CAMP), dated December 30, 2019 (Doc #96674). These wells are sampled annually and will be sampled during the 2nd semi-annual sampling event.

There were five indicated well/detected constituent pairs with SSIs above background. The monitoring wells in assessment and corrective action monitoring do not require a retest; therefore, the SSIs were not confirmed. During the reporting period, selenium concentrations at monitoring points GU-1 and MW-28 were measured at 0.00279 mg/L and 0.00607 mg/L, respectively, resulting in an SSI relative to the background concentration of 0.0025 mg/L for both monitoring points. This is the first measured detection of selenium at GU-1 and MW-28, while the previous 10 and 20 sampling events, respectively, were non-detect. In a telephone conversation with the Iowa Department of Natural Resources on August 18, 2026, it was agreed that the results of the 2nd 2026 semi-annual sampling event for selenium at monitoring points GU-1 and MW-28 will function as a retest.

No new exceedances of the groundwater protection standards (GWPSs) at statistically significant levels (SSLs) were identified in the assessment or corrective action monitoring

programs during this reporting period. The SSLs measured in corrective action monitoring well MW-7R were previously reported.

For monitoring points in corrective action, 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 requirement 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 upper confidence limit for barium in monitoring well MW-7R has remained below the GWPS for three consecutive years. Therefore, the corrective action completion requirement of IAC 567-113.10(9)"e"(2) is considered complete for barium. The progress of constituent-monitoring point pairs toward satisfying the requirements is shown in Table 2.

Table 2
Progress Toward Remedy Completeness

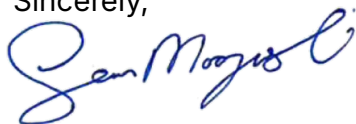
Monitoring Point	SSL Above GWPS	Upper Confidence Limit Below GWPS					
		1 st Year		2 nd Year		3 rd Year	
MW-7R	Barium	9/2023	6/2024	10/2024	5/2025	11/2025	6/2026
	beta-BHC	NA	NA	NA	NA	NA	NA
	Nickel	NA	NA	NA	NA	NA	NA

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

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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