

West Des Moines, IA

PROJECT: WC,CY26 Env Comp&On-
Call,Loess Hills,IA
27226009.01

DATE: 7/29/2026

SUBJECT: Loess Hills Regional Sanitary
Landfill - 65-SDP-01-72P - 2026
Spring Sampling Notification

TRANSMITTAL ID: 00004

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 -

SCS Engineers, on behalf of Waste Services, LLC, is submitting the 2026 Spring Sampling Notification, for the Loess Hills Regional Sanitary Landfill. If you have any questions or comments regarding this report, please contact me at the number below.

Thanks,

Sean A. Marczewski
Senior Project Professional
SCS Engineers
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West Des Moines, Iowa 50265
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Transmittal

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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	7/29/2026	2026-07-29_Loess Hills Sanitary Landfill_2026 Spring Sampling Notification_v1.0.pdf	

COPIES:

Kelly Danielson	(Waste Connections, Inc. (99))
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July 29, 2026
File No. 27226009.01

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

Subject: 2026 Spring Sampling Notification
Loess Hills Regional Sanitary Landfill
Permit No. 65-SDP-01-72P

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 Loess Hills Regional Sanitary Landfill (Landfill) in general accordance with Iowa Administrative Code (IAC) 567-113.10(5) and 113.10(6).

Groundwater sampling was completed on April 28-29, 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 were maintained 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 the statistical evaluation will be included in the 2026 Annual Water Quality Report.

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

Table 1
1st 2026 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	Indicated SSLs	SSLs
MW-7	Assessment	Barium, Nickel, cis-1,2-Dichloroethene	None
MW-8R	Corrective Action	Not calculated (dry)	Arsenic, Cobalt*
MW-10R	Assessment	Barium, 1,1-Dichloroethane, cis-1,2-Dichloroethene	None
MW-11R	Corrective Action	Arsenic, Barium, Cobalt, Lead, Nickel, Vanadium, 1,4-Dichlorobenzene, Benzene, Chlorobenzene, cis-1,2-Dichloroethene	Cobalt, Vinyl Chloride*
MW-14	Background	Background for detection monitoring.	
MW-17	Background	Background for detection monitoring. Dry.	
MW-25	Assessment	Not calculated (dry)	None
MW-26R	Corrective Action	Arsenic, Barium, Chromium, Cobalt, Copper, Lead, Nickel, Vanadium, cis-1,2-Dichloroethene	Arsenic, Cobalt



Monitoring Point	Monitoring Program	Indicated SSIs	SSLs
MW-27R	Corrective Action	Not calculated (insufficient water for sample collection)	Cobalt
MW-28	Corrective Action	Not calculated (dry)	Cobalt
MW-29	Detection	None	-
SW-4	Detection	None	-

* - Indicates the upper confidence limit is below the GWPS following the most recent statistical evaluation.

There were 25 well/detected constituent pairs with indicated statistically significant increases (SSIs) above background. The monitoring wells in the assessment and corrective action monitoring do not require retesting; therefore, the SSIs were not confirmed.

No new exceedances of the groundwater protection standards (GWPS) at statistically significant levels (SSLs) were identified during the 1st 2026 semi-annual statistical evaluation. The upper confidence limit for vinyl chloride in monitoring well MW-11R was below the GWPS.

Monitoring wells MW-8R, MW-17, MW-25, MW-28, and monitoring point GU-1 were dry, and monitoring well MW-27R had insufficient water to produce a sample during this reporting period.

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 last 10 samples for monitoring well MW-8R were non-detect for arsenic; therefore, the corrective action completion requirement of 113.10(9)"e"(2) is considered complete for arsenic. 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-8R	Arsenic	11/24	5/25	11/25	NA	NA	NA
	Cobalt	6/24	11/24	5/25	11/25	NA	NA
MW-11R	Cobalt	NA	NA	NA	NA	NA	NA
	Vinyl Chloride	6/24	11/24	5/25	11/25	4/26	NA
MW-26R	Arsenic	NA	NA	NA	NA	NA	NA
	Cobalt	NA	NA	NA	NA	NA	NA
MW-27R	Cobalt	NA	NA	NA	NA	NA	NA
MW-28	Cobalt	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.

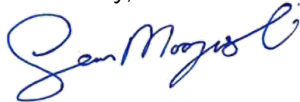
Mike Smith
July 29, 2026
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No changes to the Landfill's monitoring program are recommended based on the results from the 1st 2026 semi-annual sampling event.

Services were performed in general accordance with IAC 567-113.10 and the current requirements for implementation of the HMSP for the Landfill.

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: Kelly Danielson, Iowa Waste Services, LLC.
Chaz Roberts, Iowa Waste Services, LLC.
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