

West Des Moines, IA

PROJECT: Sac County, FY26 Env Comp, IA 27225365.26 DATE: 7/16/2026

SUBJECT: Sac County Sanitary Landfill - 81-SDP-01-75C - 2026 Spring Sampling Notification TRANSMITTAL ID: 00005

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 the Sac County Solid Waste Agency, is submitting the 2026 Spring Sampling Notification, for the Sac County 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
1690 All-State Court, Suite 100
West Des Moines, Iowa 50265
712-661-9682 (C)
515-631-6152 (O)
smarczewski@scsengineers.com

Driven by **Client Success!**
www.scsengineers.com

Transmittal

DATE: 7/16/2026
TRANSMITTAL ID: 00005

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	7/16/2026	2026-07-16_Sac County Sanitary Landfill_2026 Spring Sampling Notification_v1.0.pdf	

COPIES:

Nathan Ohrt	(SCS Engineers)
Sean Marczewski	(SCS Engineers)
Jim Wissler	(Sac County Solid Waste Agency)
Becky Jolly	
saclandfill@gmail.com	

July 16, 2026
File No. 27225365.26

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
Sac County Sanitary Landfill
Permit # 81-SDP-01-75C

Dear Mike:

On behalf of the Sac County Solid Waste Agency, SCS Engineers is submitting herewith a summary of the 1st 2026 semi-annual sampling event for the Sac County Sanitary Landfill (Landfill) in general accordance with Iowa Administrative Code (IAC) 567-113.10(5) and 113.10(6).

Sampling was performed on January 14 and February 11, 2026, and the associated field sheets were completed. Monitoring point GWD-1 was not sampled as the monitoring point was dry. The samples were 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 Landfill's 1st 2026 semi-annual sampling event are summarized in the table below.

1st 2026 Semi-Annual Monitoring Summary

Monitoring Point	Monitoring Program	Indicated SSIs	SSLs
MW-1	Background	Background data collection.	
MW-2	Background	Background data collection.	
MW-5R	Assessment	Nickel	None
MW-6R	Assessment	Arsenic, Cobalt, Nickel	None
MW-10	Assessment	Nickel	None
MW-12	Assessment	None	None
MW-13	Assessment	Arsenic, Cobalt, Nickel	Cobalt
MW-14	Assessment	Nickel, cis-1,2-Dichloroethene	None



Monitoring Point	Monitoring Program	Indicated SSLs	SSLs
MW-15R	Assessment	Arsenic, Cobalt, Nickel, cis-1,2-Dichloroethene, Vinyl Chloride	None
GWD-1	Detection	Not calculated (dry)	Not applicable

There were 15 well/detected constituent pairs with indicated statistically significant increases (SSLs) above background. The monitoring wells are in assessment monitoring and do not require a retest; therefore, the SSLs were not confirmed. As monitoring point GWD-1 did not produce a sample, prediction limits were not calculated. Sampling at monitoring point GWD-1 will be attempted during the 2nd 2026 semi-annual sampling event.

As part of the statistical evaluation, the background dataset was updated to exclude data collected prior to the implementation of low-flow sampling, resulting in a new exceedance of the groundwater protection standard (GWPS) at a statistically significant level (SSL) identified for cobalt in monitoring well MW-13 during this reporting period. No other SSLs above the GWPSs were identified.

Corrective action monitoring for monitoring well MW-13 will begin, and an assessment of corrective measures will be prepared. No other 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 Nathan Ohrt at (319) 331-9613.

Sincerely,



Nathan Ohrt
Senior Project Professional
SCS Engineers



Sean Marczewski
Senior Project Professional
SCS Engineers

NPO/SAM

Copies: Mr. Jim Wissler, Chairman, Sac County Solid Waste Agency