

West Des Moines, IA

PROJECT: Sac County, FY25 Env Comp, IA 27223182.25 DATE: 4/16/2025
SUBJECT: Sac County Sanitary Landfill - 81-SDP-01-75 - Spring 2025 Semi-Annual Inspection Report 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 -

Please find for your download the Sac County Sanitary Landfill Spring 2025 Semi-Annual Inspection Report. Let us know if you have any questions or comments.

Thanks,

Sean A. Marczewski
Project Professional II
SCS Engineers
1690 All-State Court, Suite 100
West Des Moines, Iowa 50265
712-661-9682 (C)
515-631-6152 (O)
smarczewski@scsengineers.com

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	4/16/2025	Sac County Sanitary Landfill - 81-SDP-01-75 - Spring 2025 Semi-Annual Inspection Report 04.16.2025.pdf	

COPIES:

Becky Jolly

Transmittal

DATE: 4/16/2025
TRANSMITTAL ID: 00005

Jim Wissler
Tim Buelow
Sean Marczewski
sa landfill@gmail.com

(Sac County Solid Waste Agency)
(SCS Engineers)
(SCS Engineers)

April 16, 2025
Project No. 27223182.25

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

Subject: Spring 2025 Semi-Annual Inspection Report
Sac County Sanitary Landfill (Closed)
Permit No. 81-SDP-01-75

Dear Mike:

This brief report documents the semi-annual inspection required by the Sac County Sanitary Landfill (Landfill) Iowa Department of Natural Resources Sanitary Disposal Project Closure Permit, applicable amendments, and the Iowa Administrative Code. The inspection was conducted by Tim Buelow, P.E. and Sean Marczewski of SCS Engineers on March 13, 2025, and was performed to evaluate the municipal solid waste Landfill's general conformance with the closure permit and the approved plans and specifications. A site map is attached for reference (Figure 1). A copy of the observation checklist used during the inspection is included in Attachment A. Please refer to this checklist for specific observations and recommended activities to address areas of concern noted during the inspection.

The observations presented in this report are based upon data obtained from the field observations made at the Landfill and from information sources discussed in this report. This report provides a snapshot in time of the conditions present at the time of the inspection and does not reflect variations in conditions that may occur throughout the year.

SCS Engineers has prepared this report for the exclusive use of our client. This report is meant for the specific application discussed and has been prepared in accordance with generally accepted engineering practices. No warranties, expressly stated or implied, are intended or made.

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

Sincerely,



Sean Marczewski
Project Professional II
SCS Engineers



Timothy C. Buelow, P.E.
Senior Project Advisor
SCS Engineers

SAM/TCB

Copies: Jim Wissler, Sac County Solid Waste Agency
Cliff Frohardt, Sac County Sanitary Landfill



Site Map

Legend

- ▲ Approximate Monitoring Well Location
- ▲ Approximate Leachate Monitoring Well
- Approximate Waste Boundary
- Approximate Property Boundary
- Located Waste Boundary

Sac County Sanitary Landfill
(Closed)
Sac City, Iowa
Project No: 27223182.25
Drawing Date: April 2025

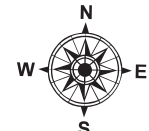


Figure 1

Attachment A
Observation Checklist

SCS Engineers
1690 All State Court, Suite 100, West Des Moines, Iowa 50265
Sanitary Landfill Inspection

Permit #: 81-SDP-01-75

Facility Name: Sac County Sanitary Landfill (Closed) **Responsible Official:** Jim Wissler
County: Sac County **Address:** 2430 260th St, Sac City, IA 50583
Facility Operator: Cliff Frohardt **Phone:** 712-830-1044
Address: 2430 260th St, Sac City, IA 50583 **Date Last Inspection:** October 3, 2024
Phone: 712-660-1752 **Date This Inspection:** March 13, 2025

At the Time of this Inspection:

- **Facility personnel present:** None • **Surface conditions:** Dry
- **Wind direction and speed:** 13 mph from the S • **Ambient temperature:** 65° F, Sunny

Yes – compliance was being achieved; **No** – compliance was not being achieved,
N/A – not applicable or not observed; **PND** – previously noted deficiency (PND).

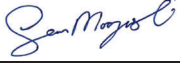

Observations

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Fill Cover: final	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Special Waste Handling
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Control of Face	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Recycling Activities
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Compaction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Cover erosion; Ponding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Staffing
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Drainage into fill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Equipment Backup/Maintenance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Leachate Mgmt. & Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. Interior Roads
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Litter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Perimeter fence, gate, signs, wells
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Wet Weather Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. Photos taken
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Construction & Demolition Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Follow-up needed? (Yes/No)

Comments: The comments below correspond to the numbered observation items listed above.

1. Landfill cover vegetation is well established and maintained.
4. Previously noted areas of exposed soil located on the southeast slopes of the landfill are beginning to fill with vegetation despite not being seeded in 2024, but some small bare areas remain. As indicated in the November 15, 2024 email (Doc # 111327), the bare areas will be seeded this spring. No erosion or ponding was observed, including in the bare areas.
6. No leachate seeps were observed.
15. Access roads leading to the Landfill and within the Landfill were in good condition.
16. The perimeter fence, gate, signs, and wells were in good condition.

AUTHENTICATION

INSPECTOR	Sean Marczewski 	Date: 4/16/2025
REVIEWER	Tim Buelow 	Date: 4/16/2025