

West Des Moines, IA

PROJECT: Sac County, FY26 Env Comp, IA 27225365.26 DATE: 10/29/2025

SUBJECT: Sac County Sanitary Landfill (Closed) - 81-SDP-01-75 - Fall 2025 Semi-Annual Inspection Report TRANSMITTAL ID: 00002

PURPOSE: For your approval VIA: Info Exchange

FROM

| NAME | COMPANY | EMAIL | PHONE |
|--------------------------------------|---------------|----------------------------|-----------------|
| Todd Courtney West Des Moines, IA | SCS Engineers | TCourtney@scsengineers.com | +1-515-631-6158 |

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 Fall 2025 Semi-Annual Inspection report. Let us know if you have any questions or comments.

Thanks,

Todd Courtney
Landfill Operations Specialist
SCS Engineers
(319) 621-4802 (C)
tcourtney@scsengineers.com

DESCRIPTION OF CONTENTS

| QTY | DATED | TITLE | NOTES |
|-----|------------|--|-------|
| 1 | 10/29/2025 | Sac County Sanitary Landfill - 81-SDP-01-75 - 2025 Fall Inspection Report 10.29.2025.pdf | |

COPIES:

Becky Jolly
Christine Collier (SCS Engineers)

Transmittal

DATE: 10/29/2025
TRANSMITTAL ID: 00002

Sean Marczewski
Todd Courtney

(SCS Engineers)
(SCS Engineers)

October 29, 2025
Project No. 27225365.26

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

Subject: Fall 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 Todd Courtney on October 8, 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 Todd Courtney at (319) 621-4802.

Sincerely,



Todd Courtney
Landfill Operations Specialist
SCS Engineers





Christine L. Collier, P.E.
Senior Project Manager
SCS Engineers

TWC/CLC

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

Certification

| | | |
|---|--|---|
|  | I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa. | |
| |  | Christine L. Collier, P.E. <small>Digitally signed by Christine L. Collier, P.E. Date: 2025.10.29 12:21:33 -05'00'</small> |
| | Christine L. Collier | Date |
| | My license renewal date is: December 31, 2025 Pages or sheets covered by this seal: All | |



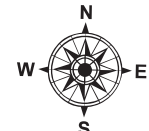
Site Map

Legend

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

Sac County Sanitary Landfill
(Closed)
Sac City, Iowa
Project No: 27225365.26
Drawing Date: October 2025

USDA, Iowa State University GIS Facility, GEODATA, Esri, HERE, Garmin, FourSquare, FAO, METI/NASA, USGS, Esri, CIGAR, USGS



0 80 160 320 480 Feet

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: March 13, 2025

Phone: 712-660-1752

Date This Inspection: October 8, 2025

At the Time of this Inspection:

- **Facility personnel present:** None
- **Surface conditions:** Dry
- **Wind direction and speed:** 7 mph from the SE
- **Ambient temperature:** 50° 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. A few bare spots were observed, they have been covered with compost to promote vegetative growth. No erosion or ponding was observed, including in the bare areas.
6. No leachate seeps were observed.
15. A small erosion channel has formed on the southwest portion of the road. Staff plans to use excess rock from a project happening later this month to fill the erosion channel. Road fabric was present. 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 | Todd Courtney | Date: 10/8/2025 |
| REVIEWER | Christine Collier | Date: 10/23/2025 |