

West Des Moines, IA

PROJECT: Sioux City, FY26 Env Comp & On-Call, IA 27225426.00 DATE: 4/30/2026

SUBJECT: City of Sioux City Sanitary Landfill - 97-SDP-03-81C - Spring 2026 Semi-Annual Inspection Report TRANSMITTAL ID: 00003

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 City of Sioux City, is submitting the Spring 2026 Semi-Annual Inspection Report for the City of Sioux City 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

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Transmittal

DATE: 4/30/2026
TRANSMITTAL ID: 00003

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	4/30/2026	2026.04.30_Sioux City SLF_97-SDP-03-81C_Spring 2026 Landfill Inspection Report.pdf	

COPIES:

Nathan Ohrt (SCS Engineers)
Sean Marczewski (SCS Engineers)
Christine Collier (SCS Engineers)
Arah Montagne (City of Sioux City, Iowa)
Becky Jolly

April 30, 2026
Project No. 27225426.00

Mr. Michael Smith, P.E., Environmental Engineer Senior
Iowa Department of Natural Resources
6200 Park Avenue
Des Moines, Iowa 50321

Subject: Spring 2026 Semi-Annual Inspection Report
City of Sioux City Sanitary Landfill (Closed)
Permit No. 97-SDP-03-81C

Dear Mr. Smith:

This brief report documents the semi-annual inspection required by the City of Sioux City 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 Sean Marczewski of SCS Engineers on March 20, 2026, and was performed to evaluate the municipal solid waste Landfill's general conformance with the 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.

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

Sincerely,



Sean Marczewski
Senior Project Professional
SCS Engineers




Christine L. Collier, P.E.
Project Director
SCS Engineers

SAM/CLC

Copy: Arah Montagne, City of Sioux City

Certification

	<p>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.</p>
	<p><i>Christine L. Collier</i> Christine L. Collier, P.E. Digitally signed by Christine L. Collier, P.E. Date: 2026.04.30 15:55:44 -05'00'</p>
	<p>Christine L. Collier Date</p>
	<p>My license renewal date is: December 31, 2027</p>
	<p>Pages or sheets covered by this seal: All</p>

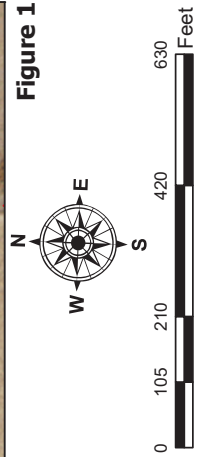


Figure 1

City of Sioux City Sanitary Landfill
 Sioux City, Iowa
 Project No: 27225426.00
 Drawing Date: April 2026

Site Map

Legend

- Gas Relief Well
- Monitoring Well
- Leachate Piezometer
- Landfill Gas Monitoring Point
- Groundwater Piezometer
- Approximate Property Boundary
- Located Waste Boundary
- Interpolated Waste Boundary



ORIGINATOR: BENTZ, TERRELL CONSULTING ENGINEERS, INC. DATE: 04/2026

Attachment A
Observation Checklist

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

Permit #: #97-SDP-03-81C

Facility Name: <u>City of Sioux City Sanitary Landfill (Closed)</u>	Responsible Official: <u>Arah Montagne</u>
County: <u>Woodbury</u>	Address: <u>405 6th Street, Sioux City, IA 51102</u>
Facility Operator: <u>Shawn Nelson</u>	Phone: <u>712-279-6349</u>
Address: <u>405 6th Street, Sioux City, IA 51102</u>	Date Last Inspection: <u>October 8, 2025</u>
Phone: <u>712-253-6113</u>	Date This Inspection: <u>March 20, 2026</u>

At the Time of this Inspection:

- | | |
|--|---|
| • Facility personnel present: <u>None</u> | • Surface conditions: <u>Dry</u> |
| • Wind direction and speed: <u>6 mph from NNW</u> | • Ambient temperature: <u>56° F, Sunny</u> |

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 periodically by mowing. Mowing appeared to have been completed last in late 2025. Trees were again observed south of leachate piezometers LP-10 and LP-11 and appeared unchanged since the October 8, 2025, inspection (Doc #114621). Small cedar trees and saplings were observed primarily along the south slope, the north slope, and sparsely throughout the top of the Landfill. A few small bare areas and stressed vegetation areas were observed on the northwest corner and scattered throughout the top of the Landfill.
4. Erosion was observed along the central terrace on the northwest side of the Landfill south of monitoring well MW-6 and groundwater piezometers PZ-6A and PZ-6B. Evidence of water that had flowed downhill in an easterly direction along the terrace had eroded through the central terrace since the time of the last inspection. The City of Sioux City Parks Department plans to repair the terrace and remove the saplings and trees noted in Item No. 1 this spring. No erosion or ponding was observed in the bare and stressed vegetation areas noted in Item No. 1.
6. No leachate seeps were observed.
15. Access roads leading to the Landfill and within the Landfill were in good condition.
16. The perimeter gate, signs, and wells were in good condition.
18. The trees and saplings need to be removed, and the washout through the terrace repaired.

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

Permit #: #97-SDP-03-81C

AUTHENTICATION

INSPECTOR	Sean Marczewski	Date: March 20, 2026
REVIEWER	Christine L. Collier, P.E.	Date: April 24, 2026