SCS ENGINEERS

Transmittal

West Des Moines, IA

PROJECT:	Union Co,FY27 Env Comp,IA 27224311.27	DATE:	10/29/2026
SUBJECT:	Union County Sanitary Landfill (Closed) - 88-SDP01-79C - Fall 2026 Semi-Annual Inspection Report	TRANSMITTAL ID:	00002
PURPOSE:	For your review and comment	VIA:	Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Isaac Creech West Des Moines, IA	SCS Engineers	ICreech@scsengineers.com	+1-515-415-9211

TO

NAME	COMPANY	EMAIL	PHONE
Alexis Slade		alexis.slade@dnr.iowa.gov	
Becky Jolly		becky.jolly@dnr.iowa.gov	

REMARKS:

Good afternoon,

Please find for your download the Union County Sanitary Landfill (Closed) Fall 2026 Semi-Annual Inspection report. Let us know if you have any questions or comments.

Thank you,

Isaac Creech
Associate Professional
icreech@scsengineers.com
O: 515-415-9211
1690 All-State Court, Suite 100
West Des Moines, IA 50265

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	10/29/2026	2026-10-29_Union County Landfill_ 88-SDP-01-79C_Fall 2026 Inspection Report.pdf	

COPIES:

Janeen Frey (Prairie Solid Waste Agency)

Transmittal

DATE: 10/29/2026
TRANSMITTAL ID: 00002

Nathan Ohrt	(SCS Engineers)
Isaac Creech	(SCS Engineers)
Christine Collier	(SCS Engineers)

1690 All-State Court
Suite 100
West Des Moines, IA 50265
515-631-6160
File No. 27224311.27

October 29, 2026

Ms. Alexis Slade
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue
Des Moines, Iowa 50321

Subject: Fall 2026 Semi-Annual Inspection Report
Union County Sanitary Landfill (Closed)
Permit No. 88-SDP-01-79C

Dear Alexis:

This brief report documents the semi-annual inspection required by the Union County Sanitary Landfill (Landfill) Iowa Department of Natural Resources Sanitary Disposal Project Permit, applicable amendments, and the Iowa Administrative Code. The inspection was conducted by Isaac Creech of SCS Engineers on October 13, 2026, and was performed to evaluate the 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 us at the emails or phone numbers included below.

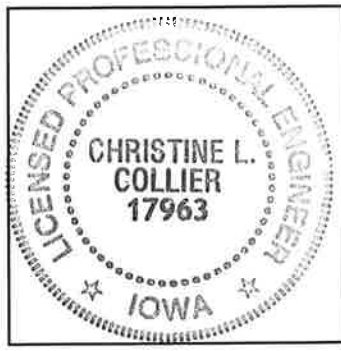
Sincerely,

Isaac Creech
Associate Professional
SCS Engineers
515-415-9211
icreech@scsengineers.com

Christine L. Collier, P.E.
Project Director
SCS Engineers
515-418-0677
ccollier@scsengineers.com

CC: Ms. Janeen Frey, Prairie Solid Waste Agency

Certification



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Christine L Collier

Date: 10/29/26

Christine L. Collier, P.E.

License No. 17693

My license renewal date is December 31, 2027.

Pages or sheets covered by this seal:

All.



Legend

- Approximate Leachate Monitoring Location
- Approximate Monitoring Well Location
- Approximate Groundwater Piezometer Location
- Approximate Landfill Gas Well Location
- Approximate Property Boundary
- Approximate Waste Boundary
- Located Waste Boundary

N
W E
S

0 250 500
Feet

Site Map

Union County Sanitary Landfill Creston, IA

27224311.27	Oct 2026

SCS ENGINEERS

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USDA NAIP, Iowa State University GIS Facility

A

Attachment

OBSERVATION CHECKLIST

SCS ENGINEERS
1690 All State Court, Suite 100, West Des Moines, Iowa 50265

Sanitary Landfill Inspection

Permit #: 88-SDP-01-79C

Facility Name:	Union County Sanitary Landfill	**Responsible Official:**	Janeen Frey
County:	Union	**Address:**	P.O. Box 227, 1774 Lark Avenue, Creston, IA
Facility Operator:	Janeen Frey	**Phone:**	(641) 347-5022
Address:	P.O. Box 227, 1774 Lark Avenue, Creston, IA	**Date Last Inspection:**	March 17, 2026
Phone:	(641) 347-5022	**Date This Inspection:**	October 13, 2026

At the Time of this Inspection:

- **Facility personnel present**: Janeen Frey
- **Surface conditions**: Dry
- **Wind direction and speed:** 6 mph from N
- **Ambient temperature**: 54° F, Partly Cloudy

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

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

1. Cap vegetation was generally well established, with minor areas where vegetation has yet to become fully established. These areas should continue to be re-seeded and monitored until vegetation is fully established. No saplings were observed during the inspection; however, continued removal of saplings and mowing to prevent growth is recommended. Mowing was last conducted in early October.
4. The rock letdown in the southeast corner of the Landfill has been washed out by heavy rain. Landfill staff is coordinating with a contractor to replace the stone and repair the letdown. The other erosion stone and check dams were in good condition. No ponding was noted during the inspection.
6. No seeps were observed.
16. The observed perimeter fence, gate, signs, and monitoring wells appeared in good condition. Locks were missing from monitoring wells MW-12, MW-21, and MW-89-6R. SCS field staff will replace the missing locks during the 4th quarter methane monitoring event.

AUTHENTICATION

INSPECTOR	Isaac Creech	Date: October 15, 2026
REVIEWER	Christine L. Collier, P.E.	Date: October 23, 2026