

West Des Moines, IA

PROJECT: Union Co,FY25 Env Comp,IA 27224311.25 DATE: 4/30/2025
SUBJECT: Union County Sanitary Landfill - 88-SDP-01-79C - Spring 2025 Semi-Annual Inspection Report TRANSMITTAL ID: 00004
PURPOSE: For your approval 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
Geoffrey Spain United States		geoffrey.spain@dnr.iowa.gov	
Becky Jolly		becky.jolly@dnr.iowa.gov	

REMARKS: Good afternoon Geoff,

Please find available for download the Spring 2025 Inspection Report for the Union County Landfill. Let us know if you have any questions or comments.

Thank you,

Isaac Creech, E.I.T.
Associate Professional
1690 All-State Court, Suite 100
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	4/30/2025	Union County Sanitary Landfill - 88-SDP-01-79C - Spring 2025 Semi-Annual Inspection Report 04.30.2025.pdf	

COPIES:

Transmittal

DATE: 4/30/2025
TRANSMITTAL ID: 00004

Janeen Frey
Christine Collier
Nathan Ohrt
Isaac Creech

(Prairie Solid Waste Agency)
(SCS Engineers)
(SCS Engineers)
(SCS Engineers)

April 30, 2025
File No. 27224311.25

Mr. Geoffrey Spain
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue
Des Moines, Iowa 50321

Subject: Spring 2025 Semi-Annual Inspection Report
Union County Sanitary Landfill (Closed)
Permit No. 88-SDP-01-79C

Dear Geoff:

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 March 20, 2025, 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 Isaac Creech at (515) 415-9211.

Sincerely,



Isaac A. Creech, E.I.T.
Associate Professional
SCS Engineers

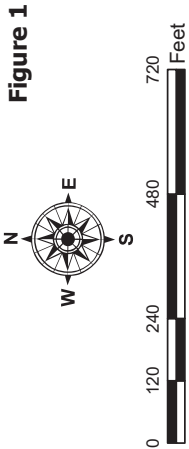
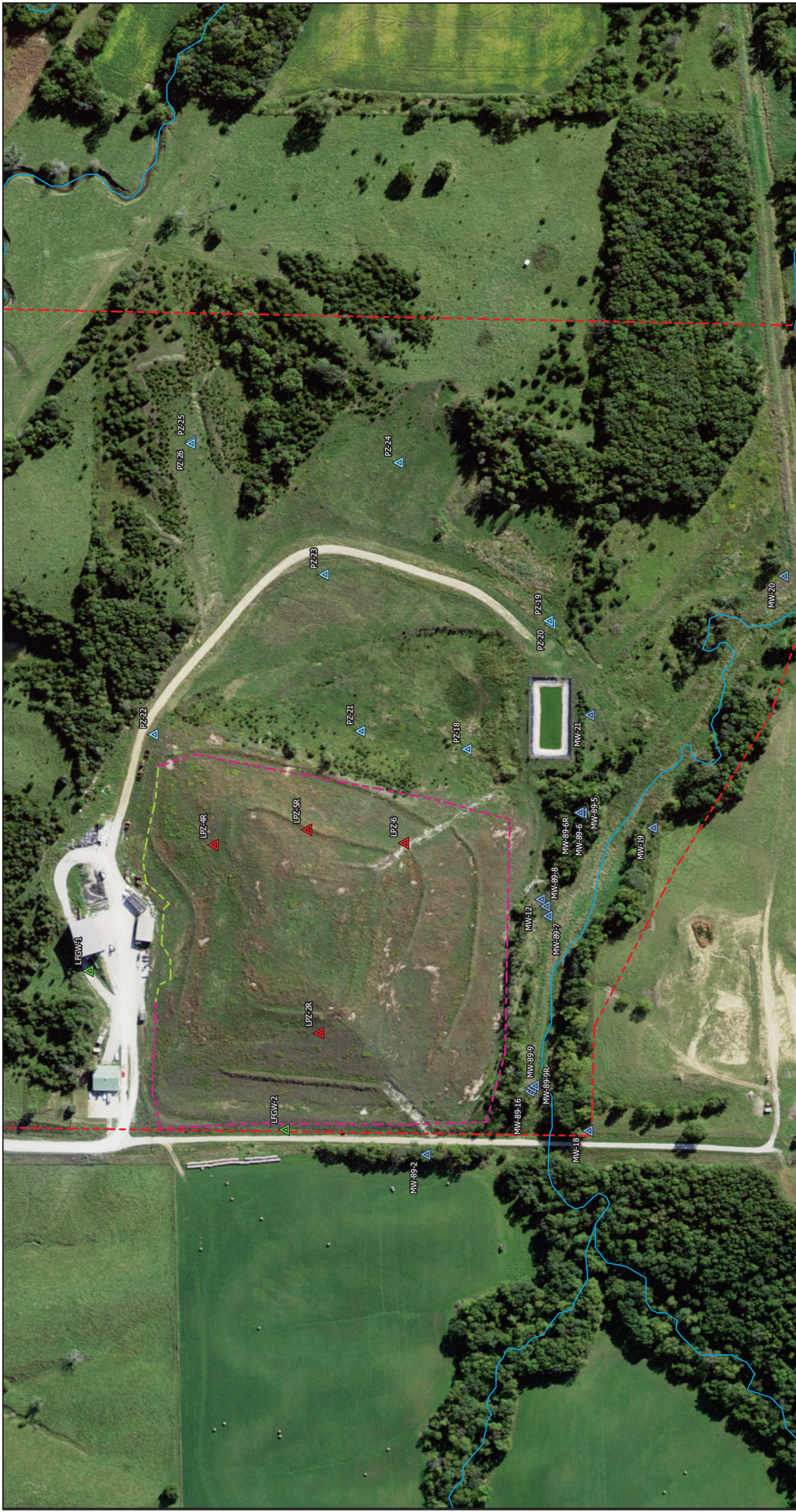


Christine L. Collier, P.E.
Senior Project Manager
SCS Engineers

IAC/KDP/CLC

Copies: Ms. Janeen Frey, Prairie Solid Waste Agency





Union County Sanitary
Landfill
Creston, Iowa
Project No: 27224311.25
Drawing Date: March 2025

Site Map

Legend	
	Approximate Property Boundary
	Approximate Waste Boundary
	Approximate Leachate Monitoring Location
	Approximate Monitoring Well Location
	Approximate Groundwater Piezometer Location
	Approximate Landfill Gas Well Location
	Stream



Figure 1

ATTACHMENT A
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: <u>Union County Sanitary Landfill</u>	Responsible Official: <u>Janeen Frey</u>
County: <u>Union</u>	Address: <u>P.O. Box 227, 1774 Lark Avenue, Creston, IA</u>
Facility Operator: <u>Janeen Frey</u>	Phone: <u>(641) 347-5022</u>
Address: <u>P.O. Box 227, 1774 Lark Avenue, Creston, IA</u>	Date Last Inspection: <u>October 15, 2024</u>
Phone: <u>(641) 347-5022</u>	Date This Inspection: <u>March 20, 2025</u>

At the Time of this Inspection:

- | | |
|---|---|
| • Facility personnel present: <u>Janeen Frey</u> | • Surface conditions: <u>Light Snow</u> |
| • Wind direction and speed: <u>12 mph from W</u> | • Ambient temperature: <u>38° 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 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. Cap vegetation was generally well established, with minor areas where vegetation has yet to become fully established. These areas should continue to be reseeded 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.
4. Erosion stone and checkdams were in good condition and no areas of erosion were noted during the inspection. No ponding was noted during the inspection.
6. No leachate seeps were observed during the inspection.
16. The observed perimeter fence, gate, signs, and monitoring wells appeared in good condition.

AUTHENTICATION

INSPECTOR	Isaac Creech, E.I.T.	Date: 3/20/2025
REVIEWER	Christine L. Collier, P.E.	Date: 4/17/2025