

Transmittal

West Des Moines, IA

PROJECT: Louisa Co,FY26 Env Comp & On- DATE: 4/30/2026
Call,IA
27225461.26

SUBJECT: Louisa County Sanitary Landfill TRANSMITTAL ID: 00001
(Closed) - 58-SDP-01-74C -
Annual Landfill Inspection Report

PURPOSE: For your approval VIA: Info Exchange

FROM

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

TO

NAME	COMPANY	EMAIL	PHONE
Brad Davison		brad.davison@dnr.iowa.gov	

REMARKS: Brad -

Please find for your download the Louisa County Sanitary Landfill Spring 2026 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	4/30/2026	2026.04.30_Louisa County SLF_58-SDP-01-74C_Spring 2026 Inspection Report.pdf	

COPIES:

Adam Shutt (Louisa County Regional Solid Waste Agency)
Christine Collier (SCS Engineers)
Becky Jolly
Nathan Ohrt (SCS Engineers)
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Todd Courtney (SCS Engineers)

April 30, 2026
Project No. 27225461.26

Mr. Brad Davison
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Ave
Des Moines, Iowa 50321

Re: Annual Landfill Inspection Report
Louisa County Sanitary Landfill (Closed)
Permit No. 58-SDP-01-74C

Dear Mr. Davison,

This brief report documents the annual inspection required by the Louisa 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 April 21, 2026, and was performed to evaluate the Landfill's general conformance with the closure permit and the approved plans and specifications. A map of the Landfill 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, interviews with facility staff, 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 Todd Courtney at (319) 621-4802.

Sincerely,



Todd Courtney
Landfill Operations Specialist
SCS Engineers




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

TWC/CLC

Copies: Mr. Scot Hunt, Chairman, Louisa Regional Solid Waste Agency
Mr. Adam Shutt, P.E., Louisa County Engineer
Iowa DNR Field Office #6
Electronic File



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 style="text-align: right;">Christine L. Collier, P.E.</p> <p><i>Christine L. Collier</i></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>

Digitally signed by Christine L. Collier, P.E.
Date: 2026.04.30 16:13:49 -05'00'

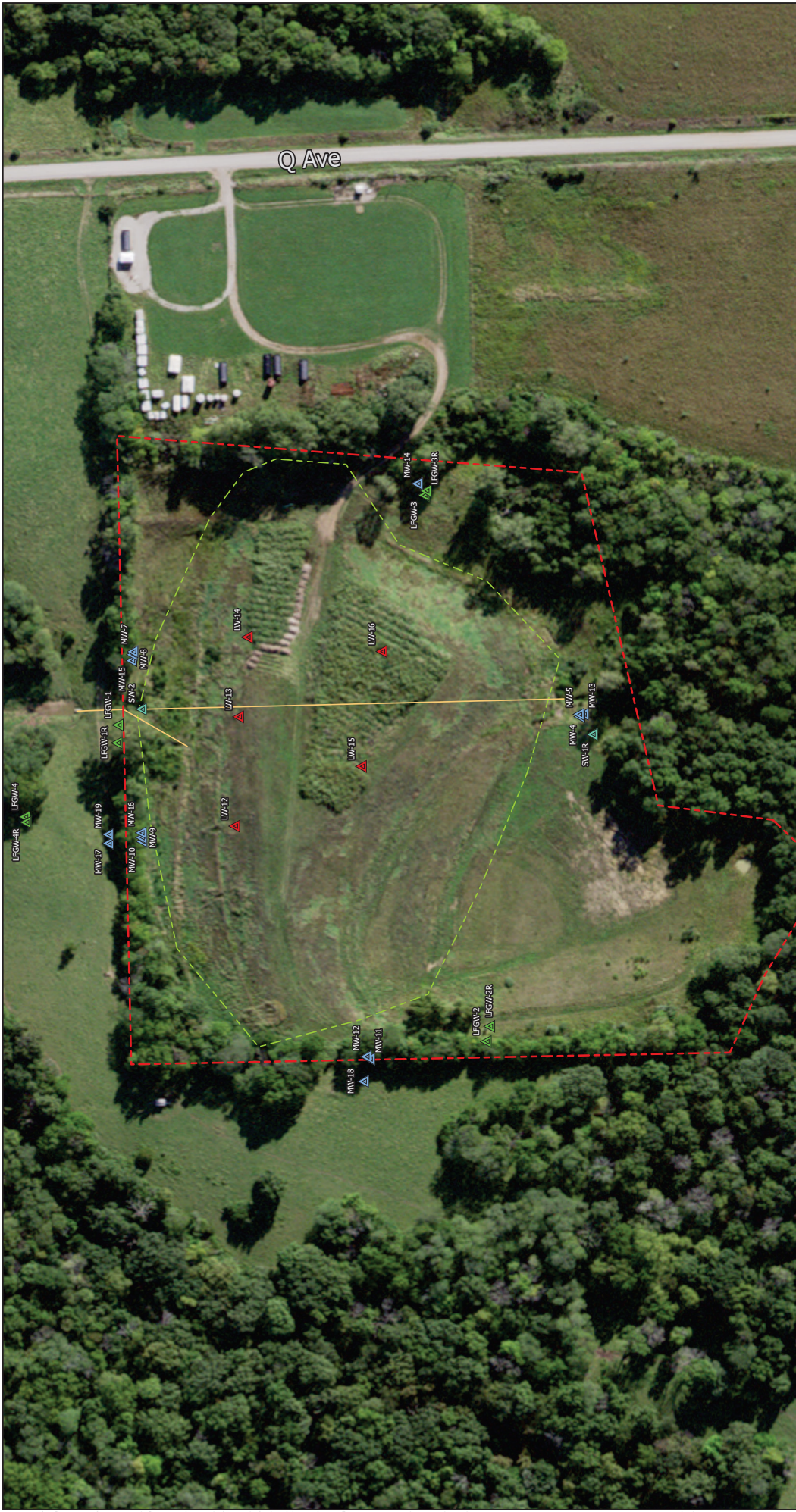









Figure 1

Site Map

<p>Louisa County Sanitary Landfill Cairo, Iowa Project No: 27225461.26 Drawing Date: April 2026</p>	<p>Legend</p> <ul style="list-style-type: none">  Monitoring Well  Surface Water Monitoring Point  Leachate Monitoring Point  Methane Monitoring Point  Culvert  Located Waste Boundary  Approximate Property Boundary
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DATA COURTESY: USGS, EPCOR, IOWA DEPARTMENT OF NATURAL RESOURCES, POLY-BIREFRACTANCE, USGS

Attachment A
Observation Checklist

SCS Engineers
1690 All State Ct, Ste 100, West Des Moines, Iowa 50265
Sanitary Landfill Inspection

Permit #: 58-SDP-01-74C

Facility Name: Louisa County Sanitary Landfill **Responsible Official:** Adam Shutt, P.E.
County: Louisa **Address:** 8313 K Avenue, Wapello, IA
Facility Operator: NA **Phone:** (319) 523-5271
Address: Wapello, IA **Date Last Inspection:** April 3, 2025
Phone: NA **Date This Inspection:** April 21, 2026

At the Time of this Inspection:

Facility personnel present: Scot Hunt **Surface conditions:** Dry
Wind direction and speed: Southwest at 15 mph **Ambient temperature:** 51° 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

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

1. The areas noted previously (Doc 112975) regarding sparse vegetation have been addressed by adding soil and seed. Vegetation was well established throughout the final cover area. There were a few small trees located on the Northwest slope. Conversation with staff indicates that the trees will be removed during their annual mowing in June.
4. The erosion mentioned previously (Doc 112975) has been repaired by adding soil and rock. There were no other signs of erosion or ponding observed during the inspection.
6. The minor leachate seep on the north slope noted previously (Doc 112975) has been repaired by adding soil and rock. There were no signs of leachate observed at the time of the inspection.
15. The access road to the east side of the Landfill is in generally good condition.
16. The gate and observed sections of the perimeter fence and monitoring wells were in good condition.

AUTHENTICATION

INSPECTOR	Todd Courtney	Date: 4/21/2026
REVIEWER	Christine L. Collier, P.E.	Date: 4/27/2026