

West Des Moines, IA

PROJECT: Louisa Co,FY25 Env Comp & On- DATE: 4/30/2025
Call,IA
27223216.25

SUBJECT: Louisa County Sanitary Landfill - TRANSMITTAL ID: 00003
85-SDP-01-74C 2025 Inspection
Report

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
Becky Jolly		becky.jolly@dnr.iowa.gov	
Brad Davison		bradley.davison@dnr.iowa.gov	

REMARKS: Good afternoon Brad-

Please find available for your download the Louisa County Sanitary Landfill Spring 2025 Semi-Annual Inspection report. 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
West Des Moines, IA 50265
(515) 631-6160 (Office)
(515) 415 -9211 (W)
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	4/30/2025	Louisa County Sanitary Landfill - 58-SDP-01-74C - 2025 Spring Inspection Report 04.30.2025.pdf	

COPIES:

Transmittal

DATE: 4/30/2025
TRANSMITTAL ID: 00003

ashutt@louisacountyia.gov

Christine Collier

Nathan Ohrt

Isaac Creech

(SCS Engineers)

(SCS Engineers)

(SCS Engineers)

April 30, 2025
Project No. 27223216.25

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,

The purpose of this report is to document the results of the annual inspection required by the Iowa Department of Natural Resources Sanitary Disposal Project Closure Permit and the Iowa Administrative Code. The inspection was performed on April 3, 2025, by Isaac Creech (SCS Engineers), to evaluate the site's general conformance with the closure permit and the approved plans and specifications. A map of the Louisa County Sanitary Landfill (Landfill) is attached for reference (Figure 1). A copy of the observation checklist utilized 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 site, interviews with the site representative, 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 submittal, please contact us at (515) 631-6160.

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



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.	 Digitally signed by Christine L. Collier, P.E. Date: 2025.04.30 17:19:38 -05'00'
	Christine L. Collier	Date
	My license renewal date is: December 31, 2025	
	Pages or sheets covered by this seal: All	

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 11, 2024
Phone: NA	Date This Inspection: April 3, 2025

At the Time of this Inspection:

Facility personnel present: Adam Shutt	Surface conditions: Dry
Wind direction and speed: From W at 8 mph	Ambient temperature: 45° F, 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
<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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

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

1. Vegetation was well-established except for a few areas, most notably the areas on the north slope where terraces have been removed. Random pieces of litter were present on the northern slope where the uppermost terrace was previously located. Removal of the litter and reseeding of the unvegetated areas is recommended. The Louisa County Engineer stated that seeding is done every year at the Landfill and he would recommend reseeding again for this year.
4. Minor erosion rills were noted on the north slope in the area of the removed terrace.
6. One minor leachate seep was present on the northern slope where the terraces have been removed. It is recommended that this seep be addressed by seeding the area to establish a healthy layer of vegetation. See Note 1.
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.
18. See comments for items 1, 4, and 6 for recommended actions.

AUTHENTICATION

INSPECTOR	Isaac A. Creech, E.I.T.	Date: 4/4/2025
REVIEWER	Christine L. Collier, P.E.	Date: 4/29/2025