

April 17, 2026
File No. 27225312.26

Mr. Mike Smith, P.E.
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321

Subject: 2026 Biennial Inspection Report
Ottumwa-Wapello County Landfill
Area A MSWLF Unit (Closed)
Former Permit No. 90-SDP-09-93C (Rescinded)

Dear Mike:

This brief report documents the biennial inspection required in Section 7.1.1 of the Environmental Covenant (EC) filed with the Wapello County Recorder on February 2, 2021, covering the closed Area A municipal solid waste landfill (MSWLF) unit at the Ottumwa-Wapello County Landfill. The inspection was made to verify compliance with the property activity and use limitations enumerated in the EC had been maintained. The inspection was performed by Tim Buelow on March 19, 2026. A copy of the observation checklist used during the inspection is included in Attachment A.

SUMMARY OF INSPECTION OBSERVATIONS

Visual indications relative to the activity and use limitations were as follows:

- No excavations, including those less than 2 feet deep, had occurred on the MSWLF unit final cover.
- No deposited municipal solid waste had been excavated, disrupted, or removed from the MSWLF unit.
- No drinking water wells had been installed within the area subject to the EC.
- No residences had been constructed within the area subject to the EC.
- No placement or construction of enclosed spaces had occurred on the final cover.
- No controlled vegetation burns had occurred within the area subject to the EC.
- Site access restrictions were the same as those in place at the time of enactment of the EC.
- The integrity of the final cover had been maintained. The vegetation was well established and approximately 70% of the landfill final cover was mowed in Fall 2025, allowing for a more thorough inspection of the MSWLF unit surface.
- There were no leachate seeps or notable sparse/bare areas of vegetation.
- There was no ponded water on the surface of the MSWLF unit.
- Some small trees were present on the south slope of the MSWLF unit.



RECOMMENDATIONS

The final cover appeared well maintained and in good condition. Recommended activities are to continue regular mowing of the final cover, removal of the small trees on the south slope of the final cover, and expansion of the leachate seep rock coverings, should leachate seeps be indicated beyond the limits of the current rock areas. No expansion is required at this time.

GENERAL COMMENTS

The observations presented in this report are based on data obtained from the field observations made at the site. 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.

SCS Engineers has prepared this report for the exclusive use of our client. This report is meant for the specific application discussed and has been prepared in accordance with generally accepted engineering practices. No warranties, expressly stated or implied, are intended or made.

If you have any questions about this report, please contact Tim Buelow at (515) 681-5455.

Sincerely,



Timothy C. Buelow, P.E.
VP, Senior Project Advisor
SCS Engineers


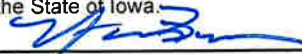


Nathan Ohrt
Senior Project Professional
SCS Engineers

TCB/NPO

Copy: Mr. Philip Rath, Ottumwa-Wapello County Solid Waste Commission
Ms. Lori Creech, Ottumwa-Wapello County Landfill
Iowa DNR Field Office #6

Encl. Attachment A - Sanitary Landfill Inspection Checklist

	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.  Date: <u>4/16/2026</u>
	Timothy C. Buelow, P.E. License No. 14445 My license renewal date is December 31, 2027. Pages or sheets covered by this seal: 2026 Biennial Landfill Inspection Report

ATTACHMENT A
OBSERVATION CHECKLIST

SCS ENGINEERS

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

Sanitary Landfill Inspection Checklist

Permit #: 90-SDP-09-93C (Rescinded)

Facility Name: Ottumwa-Wapello County Landfill – Area A (closed) **Responsible Official:** Philip Rath
County: Wapello **Address:** 210 West Main Street, Ottumwa, IA 52501
Facility Operator: Lori Creech **Phone:** (641) 683-0607
Address: 13277 165th Avenue, Ottumwa, IA **Date Last Inspection:** June 21, 2024
Phone: (641) 683-0644 **Date This Inspection:** March 19, 2026

At the Time of this Inspection:

- **Facility personnel present:** None
- **Surface conditions:** Damp
- **Wind direction and speed:** NNW 3 mph
- **Ambient temperature:** 54° F

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. Landfill vegetation was well-established and in good condition. A large portion of the landfill surface had been mowed in Fall 2025 and was therefore easily observed. The unmowed areas were also readily visible, as the vegetation was generally still dormant and somewhat flattened by the winter snowfall. Stormwater control structures appeared in good condition, including the terrace flow intake on the north side of the landfill, the rip-rap letdown on the north side of the northeast area (formerly off-site), and the rip-rapped embankment adjacent to the creek on the west side of the landfill. A number of small trees were present on the steeper sloped area on the south side of the MSWLF unit.
4. There was no ponding on the surface of the landfill, and erosion concerns were not observed. Some older erosion rills on the north side of the landfill were present; however, the rills were fully vegetated and likely formed before vegetation was established.
6. There were no leachate seeps observed on the surface of the MSWLF unit, including the previous seep area covered with erosion stone/broken stone countertops in the southwestern portion of the MSWLF unit.
15. Entrance to the final cover is via a former vehicle pathway at the southwest corner of the MSWLF unit. The former vehicle pathway on the final cover was well vegetated, as the pathway is used much less frequently since permit rescission.
16. The perimeter fence, gate, and signs were in good condition. The entire waste area is not fenced; however, the small portion generally north of former subsurface methane monitoring probe LFGW-A3 that is not fenced is in a remote area with very limited access. Previous conversations with the DNR main and field office indicated fencing of this area was not necessary due to the remoteness of the location. Monitoring wells associated with the Area A MSWLF unit (with the exception of MW-4 and 91-MW-25, which are now associated with the East MSWLF unit) were abandoned following permit rescission.

AUTHENTICATION

INSPECTOR	Timothy C. Buelow, P.E. 	Date: <u>4/16/2026</u>
REVIEWER	Nathan Ohrt 	Date: <u>4/16/2026</u>