

June 18, 2025

DES MOINES COUNTY REGIONAL SOLID WASTE COMMISSION
ATTN: CHRIS BALL - DIRECTOR
1818 WEST BURLINGTON AVENUE
BURLINGTON, IA 52601

cball@dmcwaste.org
ehoutz@dmcwaste.org

RE: SDP Compliance Inspection; FOCD Inspection #214629
SDP Permit No. 29-SDP-01-76P; Des Moines County SDP, West Burlington, Iowa

Dear Mr. Ball:

On May 29, 2025 I met with Landfill Manager Eric Houtz to conduct a compliance inspection of the Des Moines County Landfill. We discussed and observed the current landfill conditions. Enclosed you will find the inspection report including a summary of observations and discussions had during the inspection. No violations were determined at the time of this visit.

If you have any questions or would like further explanation of any part of this report, please contact me at this office at 319-653-2135 or via email ryan.stouder@dnr.iowa.gov.

Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU

Ryan Stouder
Environmental Specialist Senior

Encl. SDP Report

xc: Becky Jolly, IDNR Solid Waste Section, via email
FOCD: DM Co SDP 29-SDP-01-76P

IOWA DEPARTMENT OF NATURAL RESOURCES
Sanitary Disposal Project Inspection

Permit #: 29-SDP-01-76P

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Facility Name: Des Moines County Sanitary Landfill

Responsible Official: Chris Ball

County: Des Moines

Address: 1818 West Burlington Avenue, Burlington

Facility Operator: Eric Houtz

Phone: 319-753-8126

Address: 13758 Washington Road, West Burlington

Date Last Inspection: 05/30/2025

Phone: 319-753-8722

Date This Inspection: 05/29/2026

Waste Amount: N/A

At the Time of this Inspection:

• **facility personnel present:** Eric Houtz

• **surface conditions:** Muddy

• **active unit(s):** Cell 5 - D1/D2

• **ambient temperature:** 81°

• **wind direction and speed:** S 10 mph

Yes – compliance was being achieved; **No** – compliance was not being achieved,
N/A – not applicable or not observed; **PND** – previously noted deficiency (PND).

I. Documents and Record Keeping:

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
☒	☐	☐	☐	1. Permit/Amendment documents	☒	☐	☐	☐	9. Financial assurance
☐	☐	☒	☐	2. Site exploration report	☒	☐	☐	☐	10. Storm water permit
☐	☐	☒	☐	3. Plans/Specs and QC&A Reports	☐	☐	☒	☐	11. SWA/SWAC documentation
☒	☐	☐	☐	4. Waste screening inspection records	☒	☐	☐	☐	12. Operator Certification
☒	☐	☐	☐	5. Leachate recirculation authorization	☐	☐	☒	☐	13. DOPs
☒	☐	☐	☐	6. Gas monitoring/remediation results	☒	☐	☐	☐	14. ERRAP
☐	☐	☒	☐	7. Groundwater monitoring results	☐	☐	☒	☐	15. Other
☐	☐	☒	☐	8. Closure/Postclosure plans/results					

II. Operating Procedures:

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
☒	☐	☐	☐	1. All weather access road to facility	☒	☐	☐	☐	10. Scavenging and Salvaging
☒	☐	☒	☐	2. Controlled Access at facility	☒	☐	☐	☐	a. scavenging prohibited
☒	☐	☐	☐	a. fencing or other perimeter barriers	☒	☐	☐	☐	b. salvaging authorized
☒	☐	☐	☐	b. entrance gate with lock	☐	☐	☒	☐	c. salvaged material orderly
☒	☐	☐	☐	c. safe/proper on-site traffic patterns	☐	☐	☒	☐	d. salvage removal adequate
☒	☐	☐	☐	3. Signage	☐	☐	☒	☐	11. Animal feeding and grazing
☒	☐	☐	☐	a. facility name and permit number	☐	☐	☒	☐	a. animal feeding prohibited
☒	☐	☐	☐	b. days and hours of operation	☐	☐	☒	☐	b. grazing on final cover limited
☒	☐	☐	☐	c. wastes accepted/not accepted	☒	☐	☐	☐	12. Survey controls and monuments
☒	☐	☐	☐	d. telephone # of resp. official	☒	☐	☐	☐	a. facility and waste boundaries surveyed and marked
☒	☐	☐	☐	4. All weather access road in facility	☒	☐	☐	☐	b. survey monuments established
☒	☐	☐	☐	5. Adequate vehicle queuing	☒	☐	☐	☐	c. stakes clearly marked
☒	☐	☐	☐	6. Certified scale used	☒	☐	☐	☐	13. Fill Sequencing
☒	☐	☐	☐	7. Waste Screening	☒	☐	☐	☐	a. liner system protected
☒	☐	☐	☐	a. random inspections performed	☒	☒	☐	☐	b. slope failure controlled
☒	☐	☐	☐	b. inspection records	☒	☐	☐	☐	c. differential settlement controlled
☒	☐	☐	☐	c. trained personnel	☒	☐	☐	☐	d. run-on and runoff controlled
☒	☐	☐	☐	d. EPA notification procedures	☒	☐	☐	☐	14. Control of Workface
☒	☐	☐	☐	8. Prohibited materials listing	☒	☐	☐	☐	a. size of area controlled
☒	☐	☐	☐	9. Open Burning and Fire Hazards	☒	☐	☐	☐	b. slope is stable
☒	☐	☐	☐	a. open burning prohibited	☒	☐	☐	☐	c. litter control devices used
☒	☐	☐	☐	b. vehicle fueling prohibited within 50 feet of workface	☒	☐	☐	☐	d. vectors controlled
					☒	☐	☐	☐	e. operator at workface

☒	☐	☐	☐	15. Special Waste Handling	☒	☐	☐	☐	23. Run-on/Runoff Control Systems
☒	☐	☐	☐	a. operator familiar with SWAC	☒	☐	☐	☐	a. ponding controlled
☒	☐	☐	☐	16. Waste Fill Cover	☒	☐	☐	☐	b. dikes, ditches, berms & terraces intact
☒	☐	☐	☐	a. daily cover adequate	☒	☐	☐	☐	c. tile lines maintained
☐	☐	☒	☐	b. alternative cover authorized	☒	☐	☐	☐	24. Landfill Equipment
☒	☐	☐	☐	c. scarification of daily cover	☒	☐	☐	☐	a. working properly
☒	☐	☐	☐	d. intermediate cover adequate (30/180 day)	☒	☐	☐	☐	b. backup equipment available
☒	☐	☐	☐	e. final cover maintained	☒	☐	☐	☐	25. Groundwater Monitoring Wells
☒	☐	☐	☐	17. Leachate seeps	☒	☐	☐	☐	a. wells intact
☒	☐	☐	☐	a. seeps identified and controlled	☒	☐	☐	☐	b. caps and locks
☒	☐	☐	☐	18. Leachate recirculation	☒	☐	☐	☐	26. Gas Monitoring Wells/Points
☒	☐	☐	☐	a. composite liner	☒	☐	☐	☐	27. Emergency Procedures
☒	☐	☐	☐	b. RD&D authorization	☒	☐	☐	☐	a. ERRAP available to staff
☒	☐	☐	☐	c. personnel protected	☒	☐	☐	☐	b. emergency numbers posted
☒	☐	☐	☐	d. erosion controlled	☒	☐	☐	☐	28. Final Cover System
☒	☐	☐	☐	e. vegetation maintained	☒	☐	☐	☐	a. final cover over completed areas
☒	☐	☐	☐	19. Site Litter Control	☒	☐	☐	☐	b. seeded
☒	☐	☐	☐	a. on-site litter picked up daily	☒	☐	☐	☐	c. vegetation established
☒	☐	☐	☐	b. offsite litter picked up daily	☒	☐	☐	☐	d. run-on, runoff, and ponding controlled
☒	☐	☐	☐	c. record of why litter not picked up	☒	☐	☐	☐	e. differential settlement controlled
☒	☐	☐	☐	20. Dust Control	☐	☐	☒	☐	29. Other
☒	☐	☐	☐	a. dust controlled as vehicles enter/exit facility					
☒	☐	☐	☐	b. dust controlled on internal roads					
☒	☐	☐	☐	c. dust controlled at the workface					
☒	☐	☐	☐	21. Mud Control					
☒	☐	☐	☐	a. mud controlled as vehicles enter/exit facility					
☒	☐	☐	☐	22. Leachate Control and Treatment					
☒	☐	☐	☐	a. system operational					
☒	☐	☐	☐	b. head measurement device					
☒	☐	☐	☐	c. seeps controlled					
☐	☐	☒	☐	d. leachate tank maintained					
☒	☐	☐	☐	e. leachate lagoon maintained					
☒	☐	☐	☐	f. POTW agreement					
☐	☐	☒	☐	g. sanitary sewer discharge					
☐	☐	☒	☐	h. NPDES discharge permit					
☐	☐	☒	☐	i. NPDES on-site treatment					

Comments:

I was able to review and discuss multiple documents. Des Moines County Landfill conducts routine load checks and the working face operator is regularly observing what is being delivered to the landfill. The recent rain events provided around 2" rainfall to the landfill. Mr. Houtz pointed out that road conditions are muddy yet improving to the working face. The working face was appropriately sized and had multiple portable wind fences closely surrounding it. According to Mr. Houtz tarps are used almost exclusively for daily cover and soil is used as final cover. Cell 1 is used for construction and demolition wastes. IAAP contractor has been delivering railroad ties, which are being placed into the working face slowly.

The area around the working face and the previous cell were covered with vegetation, some erosion was observed and Mr. Houtz indicated that once weather conditions allow those areas would be graded and reseeded. The landfill is graded to capture much of the stormwater runoff to the landfills main stormwater basin which had adequate space for silt settling prior to discharge. Litter control is being handling controlled through fencing and regular litter pickers. Monitoring wells appear to be locked and secured.

Mr. Houtz indicated that the landfill leachate has a wastewater connection to West Burlington waste collection system. The leachate pond has been reduced for the spring timeframe. The landfill is authorized to re-circulate leachate and do occasionally spray leachate onto the working face but have not been as of late due to the wet weather. The lagoons looked to be well maintained and have adequate freeboard for any additional rainfall.

AUTHENTICATION		
INSPECTOR	Ryan Stouder, Environmental Specialist Senior	Date: 06-18-2026
REVIEWER	Aaron Pickens, Environmental Specialist Senior	

General Description:

I. Record Keeping:

1. Permit application, permit renewal and permit modifications application materials pursuant to rule 113.5(455B). [See 113.11 (1)“a”]:
2. The site exploration and characterization reports pursuant to subrule 113.6(4). [See 113.11 (1)“b”]:
3. Design and construction plans and specifications, and related analyses and documents, pursuant to rule 113.7(455B). The QC&A final reports, and related analyses and documents, pursuant to paragraph 113.7(6)“d”. [See 113.11 (1)“c”]:
4. Inspection records, training procedures, and notification procedures required in rule 113.8(455B). [See 113.11 (1)“d”]:
5. Any MSWLF unit design documentation for placement of leachate or gas condensate in an MSWLF unit as required under numbered paragraphs 113.8(1)“b”(3)“2” and “3”. [See 113.11 (1)“e”]:
6. Gas monitoring results from monitoring and any remediation plans required by rule 113.9(455B). [See 113.11 (1)“f”]:
7. Any demonstration, certification, finding, monitoring, testing, or analytical data required by rule 113.10(455B). [See 113.11 (1)“g”]:
8. Closure and postclosure care plans and any monitoring, testing, or analytical data as required by rules 113.12(455B) and 113.13(455B). [See 113.11 (1)“h”]:
9. Any cost estimates and financial assurance documentation required by this chapter. [See 113.11 (1)“i” and 113.8(3)“j”]:
10. Stormwater permit [See 64.3(455B)]:
11. Special Waste Authorizations and Special Waste Acceptance Criteria [See 109(455B)]:
12. Operator certifications [See 113.8(6)]:
13. DOPs [See 113.8(455B)]:
14. ERRAP [See 113.8(5)]:
15. Other:

II. Operating Procedures:

1. All-weather access roads to the facility [See 113.7(3) “a”]:
2. Controlled access into and within site [See 113.8(3) “a”]:
 - Including a perimeter fence with a lockable gate(s) to help prevent unauthorized access [See 113.7(3) “b”]:
 - Including signs or pavement markings clearly indicating safe and proper on-site traffic patterns. [See 113.7(3) “e”]:
3. A sign at the entrance to the facility specifying: [See 113.7(3) “c”]:
 - (1) Name and permit number of the facility:
 - (2) Days and hours that the facility is open to the public or a statement that the facility is not open to the public:
 - (3) A general list of materials that are not accepted:
 - (4) Telephone number of the official responsible for operation of the facility and the emergency contact person(s):
4. All-weather access roads within the facility. [See 113.7(3) “d” and 113.8(3)“c”]:
5. Adequate queuing distance for vehicles entering and exiting the property. [See 113.7(3) “f”]:
6. A scale certified by the Iowa department of agriculture and land stewardship. [See 113.7(3) “g” and 113.8(3)“b”]:
7. Waste screening for prohibited materials [See 113.8(1) “a”]:
 - (1) Random inspections of incoming load:
 - (2) Records of any inspections:
 - (3) Training of personnel to recognize prohibited wastes:

(4) Notification to EPA for hazardous wastes:

- 8. Prohibited materials list [See 113.8(1) "b"]:**
- 9. Open burning and fire hazards [See 113.8(1) "c"]:**
- 10. Scavenging and salvaging [See 113.8(1) "d" and 113.8(3)"d"]:**
- 11. Animal feeding and grazing [See 113.8(1) "e"]:**
- 12. Survey controls and monuments [See 113.8(2) "a"]:**
- 13. Fill sequencing [See 113.8(2) "c"]:**
- 14. Working face controlled [See 113.8(2) "d"]:**
- 15. Special Wastes Managed [See 113.8(2) "e"]:**
- 16. Cover/Alternative cover material adequate [See 113.8(2) "f"]:**
- 17. Leachate seeps controlled [See 113.8(2) "g"]:**
- 18. Leachate Recirculation in composite cell or with RD&D permit [See 113.8(2) "h"]:**
- 19. Litter control [See 113.8(3) "f"]:**
- 20. Dust control [See 113.8(3) "g"]:**
- 21. Mud control [See 113.8(3) "h"]:**
- 22. Leachate collection [See 113.7(5)"b"] and treatment [See 113.8(3) "i"]:**
- 23. Run-on and Runoff Control Systems [See 113.7(8)]:**
- 24. Equipment for disposal operations [See 113.8(455B)]:**
- 25. Groundwater monitoring wells [See 113.10(2)]:**
- 26. Gas monitoring wells/probes [See 113.9(2)]:**
- 27. Emergency procedures available to staff [See 113.8(5)]:**
- 28. Final cover system control [See 113.12(455B)]:**
- 29. Other:**

SUMMARY OF REQUIREMENTS

SUMMARY OF REMINDERS

SUMMARY OF RECOMMENDATIONS