

July 16, 2024

LOUISA COUNTY ENGINEER
ATTN ADAM SHUTT
8313 K AVENUE
WAPELLO IA 52653

Subject: Louisa County Sanitary Landfill Inspection; FOCD Inspection # 95510
Facility No: 58-SDP-01-74C; Louisa County Closed Landfill, Louisa Co, IA

Dear Mr. Shutt:

On July 11, 2024 I conducted a routine compliance inspection of the closed Louisa County Sanitary Landfill. Enclosed is a report which outlines various items observed during the course of my inspection.

The facility must ensure all active groundwater and gas wells are locked with an effective lock. A few lids did not have a lock and some existing locks were not locked. Furthermore, the facility must monitor vegetative growth over waste and ensure additional erosion will not occur. Multiple small areas of thin vegetation were observed, especially on the north facing slope. Minor rill erosion was observed on the north slope and southwest perimeter.

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 at brian.lee@dnr.iowa.gov.

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU



Brian Lee
Environmental Specialist

Encl. SDP Visit Report

N:FO6\BLEE\SW\2024\Louisa Closed SDP cover 071024
N:FO6\BLEE\SW\2024\Louisa Closed SDP insp 071024
N:FO6\PICTURES\2024\July\Louisa Co SDP 071024 (1-33)

xc: Becky Jolly, IDNR Solid Waste Section, via email
FOCD: Louisa CO Closed SDP #58-SDP-01-74C

IOWA DEPARTMENT OF NATURAL RESOURCES

Field Office 6
1023 West Madison, Washington, IA 52353
319-653-2135

Closed Sanitary Landfill Inspection

Permit #: 58-SDP-01-74C

Date this Visit: 7/10/24

Previous Visit Date: 7/25/22

Facility: Louisa County Closed Landfill

Weather Conditions at Time of Visit: 82°F, Mostly cloudy, Light Rain,
Wind: SSW 5-10 mph

Person(s) Contacted: None

Were deficiencies noted or significant observations made during this inspection?

Yes – See Comments Sec., No – No deficiencies noted, Blank – Not applicable or observed, PND – Previously Noted Deficiency

Observations

Yes	No	PND	Item	Yes	No	PND	Item
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Fill Cover: daily; intermediate; final	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. Special Waste Handling
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Control of Face: slope; width; location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11. Recycling Activities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Compaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Cover erosion; Ponding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13. Staffing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Drainage into fill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Equipment Backup/Maintenance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Leachate Mgmt. & Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	15. Interior Roads
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Litter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	16. Perimeter fence, gate, signs, mon. wells
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Wet Weather Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>		17. Photos taken
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Construction & Demolition Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>		18. Follow-up needed

Comments:

The facility signage is visible from the gravel road (Q Avenue). Some vegetation has grown over the sign and that vegetation should be removed. The gate next to the signage was closed/locked. No activity was taking place at the landfill area. The gate at the landfill perimeter was open. General access is through the neighboring lane/Kinder Morgan storage site.

No soil piles were observed on site. One small pile of rock was observed just beyond the entry gate/lane. The vegetative cover was largely adequate on the upper/flat area. A few former leachate seep areas had been rocked on the south and north slopes. No leachate was observed at any of the rocked areas. No new seeps were detected.

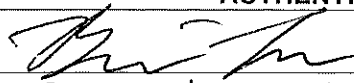
Bare/thin vegetative areas were observed on the north slope, mostly along the terraces. Some minor rilling/minor erosion was observed. A couple thin areas were also observed on the southwest perimeter over waste. The facility must ensure the erosion does not get worse. Vegetation may need to be reseeded in order to limit erosion.

A few trees were observed growing over waste on the west side, along the terrace. Also a few trees were observed on the north facing slope, also in/along the terraces. Those trees growing over waste must be eliminated. Annual mowing would likely take care of multiple trees. However, some trees may need to be physically removed due to their location/steepness of the slope.

A few monitoring wells and a few gas wells were unlocked or did not have a lock at all. All active wells must be locked when not in use.

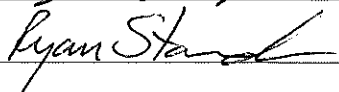
AUTHENTICATION

INSPECTOR: Brian Lee



7/16/24

REVIEWER: Ryan Stouder



07/16/2024