

April 2, 2026

Mr. Brad Davison
Environmental Specialist
IDNR – Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, IA 50321



**RE: SEMI-ANNUAL INSPECTION REPORT – SPRING 2026
FAYETTE COUNTY SANITARY LANDFILL (CLOSED)
IDNR PERMIT NO. 33-SDP-02-83C
HLW P.N. 6041-24A.750**

Dear Mr. Davison,

In accordance with Special Provision X.6 of the SDP Permit dated June 20, 2013, a semi-annual inspection of the Fayette County Sanitary Landfill was conducted the afternoon of March 31, 2026. The results of the inspection were discussed with Joan Swenka, Administrator, prior to submitting this report. Conditions at the time of the inspection were clear with moderate winds and temperatures in the 50's.

Status of the Permit

The Fayette County Sanitary Landfill Closure Permit was issued on June 20, 2013. The facility has received the following amendments to the Permit to date:

- Permit Amendment #1, July 16, 2013, approved the construction of the Leachate Loadout Facility Improvements.
- Permit Amendment #2, December 27, 2013, approved the change in submittal date for the Annual Water Quality Report (AWQR) to February 28 of each year.
- Unnumbered Permit Amendment, July 10, 2014, required a review of total suspended solids (TSS) and turbidity testing. This requirement was addressed and a correlation between TSS and field turbidity was approved in Permit Amendment #5.
- Permit Amendment #3, March 29, 2016, modified the frequency of Full Appendix II assessment monitoring to once every five (5) years.
- Permit Amendment #4, March 29, 2016, modified the groundwater elevation measurement frequency to semi-annually (at a minimum), during groundwater sampling events.
- Permit Amendment #5, March 29, 2016, approved the correlation between TSS and field turbidity at a ratio of 3:1 (3 mg/L TSS:1 NTU) based on the TSS and Field Turbidity Report dated February 17, 2016 (Doc #85476).
- Permit Amendment #6, May 10, 2017, approved the reduction of leachate head level measurements to quarterly.
- Permit Amendment #7, October 11, 2018, approved the boring logs and construction documentation of MW-31 through MW-37; concurred with the recommendation to replace point of compliance wells MW-27 and MW-28 with MW-32 and MW-33 respectively; and granted additional time to evaluate water quality in MW-24 following well head repair.

- Permit Amendment #8, August 22, 2019, approved the Assessment of Corrective Measures Report (Doc #93290) and the "Response to May 8, 2019 IDNR Letter" dated August 8, 2019 (Doc #95687).
- Amended Closure Permit, November 8, 2023 (Doc #108179) amended Special Provision 5 (Hydrologic Monitoring System Plan (HMSP)) by removing the deep bedrock wells from the HMSP. This revision was based on the HMSP Modification request dated August 4, 2023 (Doc #107397).
- Closure Permit Revision, August 14, 2025 (Doc #113673) amended Special Provision 10A by reducing the frequency of explosive gas measurements from quarterly to semi-annually, amended Special Provision 11C by reducing the frequency of leachate head levels from quarterly to semi-annually, and added Special Provision 13 to the Closure Permit requiring the completion of a Reduction/Termination Plan (RTP) by June 20, 2038. The RTP is to plan a demonstration that allows the post-closure period to cease, the Closure Permit to be rescinded, and the site to then be managed under an environmental covenant, rather than through a State-issued Permit.

Special Provisions

1. The thirty (30) year post closure period began on June 20, 2013.
2. The site is being maintained in general accordance with the approved Closure and Post Closure Plan.
3. Upon closure of the landfill, waste disposal on site was replaced by the use of the Fayette County Solid Waste Transfer Station. Waste received at the Transfer Station is hauled to the Black Hawk County Sanitary Landfill for disposal. There are no waste disposal, composting, or other related landfill activities on the closed landfill site.
4. This Special Provision addresses the submittal of Final Cover documentation for Cells 1A, 1D, and 2A.
5. Monitoring wells observed during this inspection were locked.
6. Formal inspections of the closed landfill are completed semi-annually with observations from each inspection submitted to IDNR.
7. All drainage and diversion systems on the landfill were observed to be in good condition.
8. The vegetative cover on the landfill cap is in excellent shape. The majority of the site was mowed in 2022. Ms. Swenka reported that the County Conservation Director is consulted as needed to review vegetation and make recommendations.

Staff routinely walk the cap and remove trees as needed and evaluate the condition of the cap. A few Cedar saplings were noted on the cap during this inspection. Ms Swenka indicated that staff had cut saplings in certain areas of the cap prior to this inspection, and will continue to do so on a regular basis in 2026.

The terrace intake repaired in the northwest corner of the site was observed. Settlement previously noted at the south corner of the apron was repaired.

An erosion rill was noted on the northwest corner of the cap, downgradient from the terrace intake, during the Fall, 2021 inspection. The erosion was repaired; however, a hole then formed in a portion of the repaired area. In late 2022, the hole was repaired. During the Fall 2025 inspection, three (3) holes were noted over the pipe downgradient of the intake, the pipe was visible in one of the holes. The three (3) holes were promptly repaired. The repair areas were observed and appeared to be seeded and covered with straw. During this inspection, two (2) additional holes were noted up the slope from those repaired in the Fall of 2025. These need to be filled. The approximate location of the areas needing repair are shown on the attached figure.

Three inactive rills were observed during the inspection: one in the upper terrace channel near GV-15, one on the slope southwest of MW-27, and one on the lowest terrace on the south side (near MW-30) outside of the historic waste boundary. There were no apparent changes to the rills in comparison to past inspections and the vegetation adjacent to the rills is in excellent condition. The rills will continue to be observed during future inspections. The approximate locations of the rills are shown on the attached figure.

The ponding in the lower terrace on the north side discussed in the Spring 2022, 2023, 2024, and 2025 inspections was not present during this inspection. Vegetation in this area is well established; however, vegetation differences in the channel provide evidence that ponding occurs occasionally and is a temporary condition after rain events until the channel has a chance to drain to the drop pipe. The approximate location is shown on the attached figure.

A rill was observed at the letdown (west end) of the lower terrace on the south side of the cap near Vent 25 in 2023. The rill was repaired and seeded in 2023 and again in 2024. Site vegetation is becoming established in the repair area, but there are areas where the rill appears to be again active. This area should be repaired and seeded in order to eliminate the rill. The approximate location of the repair/rill is shown on the attached figure.

9. The integrity of the final cover is being maintained.

10. Methane monitoring is conducted semi-annually. Results are included with the AWQR.
11. Leachate is stored in a 15,000 gallon above ground storage tank and is hauled to the City of Oelwein POTW for treatment and disposal. Leachate head levels are recorded semi-annually and the volumes of leachate hauled for disposal will be included in the Leachate Collection System Performance Evaluation, which will be submitted with the AWQR.
12. An ERRAP was previously submitted for the closed landfill as well as the Fayette County Solid Waste Transfer Station, which is located on the closed landfill property.
13. A Post-Closure Care Reduction/Termination Plan will be submitted by June 20, 2038.

Based on observations during the inspection, the landfill facility appears to be in general conformance with the Closure Permit.

Annual Water Quality Report

The 2025 AWQR was submitted to IDNR on January 30, 2026 (Doc #115966). IDNR comments on the 2025 AWQR have not been received to date.

A request to shut down the leachate collection system was submitted to IDNR on March 25, 2024 (Doc #109577). IDNR declined the request in the letter dated October 1, 2024. The IDNR letter included items that would need to be addressed for consideration of such a request.

The selected remedy from the 2018 Assessment of Corrective Measures (ACM) Report was installed in 2020. The performance evaluation of the ACM remedy is on-going in 2026. Less than 1 gpm was flowing into the Passively Engineered Conveyance System (PECS) associated with the ACM during the inspection.

Additional Comments

The site was last inspected by IDNR Field Office (FO) #1 on August 13, 2025. The report generated by the inspection contained no Requirements, Reminders, or Recommendations.

Leachate lines were cleaned on October 17, 2024. As per IDNR regulations leachate lines should be cleaned every 3 years.

2026 Financial Assurance documentation for this facility was received by IDNR on February 26, 2026 (Doc #116364) and approved on March 12, 2026 (Doc #116505).

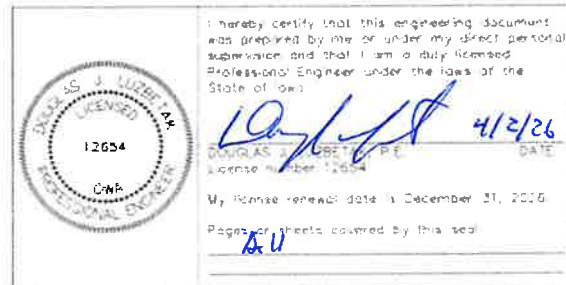
The former small wet seep area noted in previous inspections at the toe of slope in the southwest corner of the site between MW-5 and GMW-2 was observed during this inspection. The soil in this area was dry during this inspection and vegetation seems to be improving.

Staff generally repair erosion rills and reseed areas on an as-needed basis. The overall appearance of the closed landfill is excellent.

This report is based on observations made at the site at the time of the inspection and the information sources referenced in the report. This report does not reflect the typical variations experienced at the site throughout the year or variations in conditions that may be observed at the site at other times.

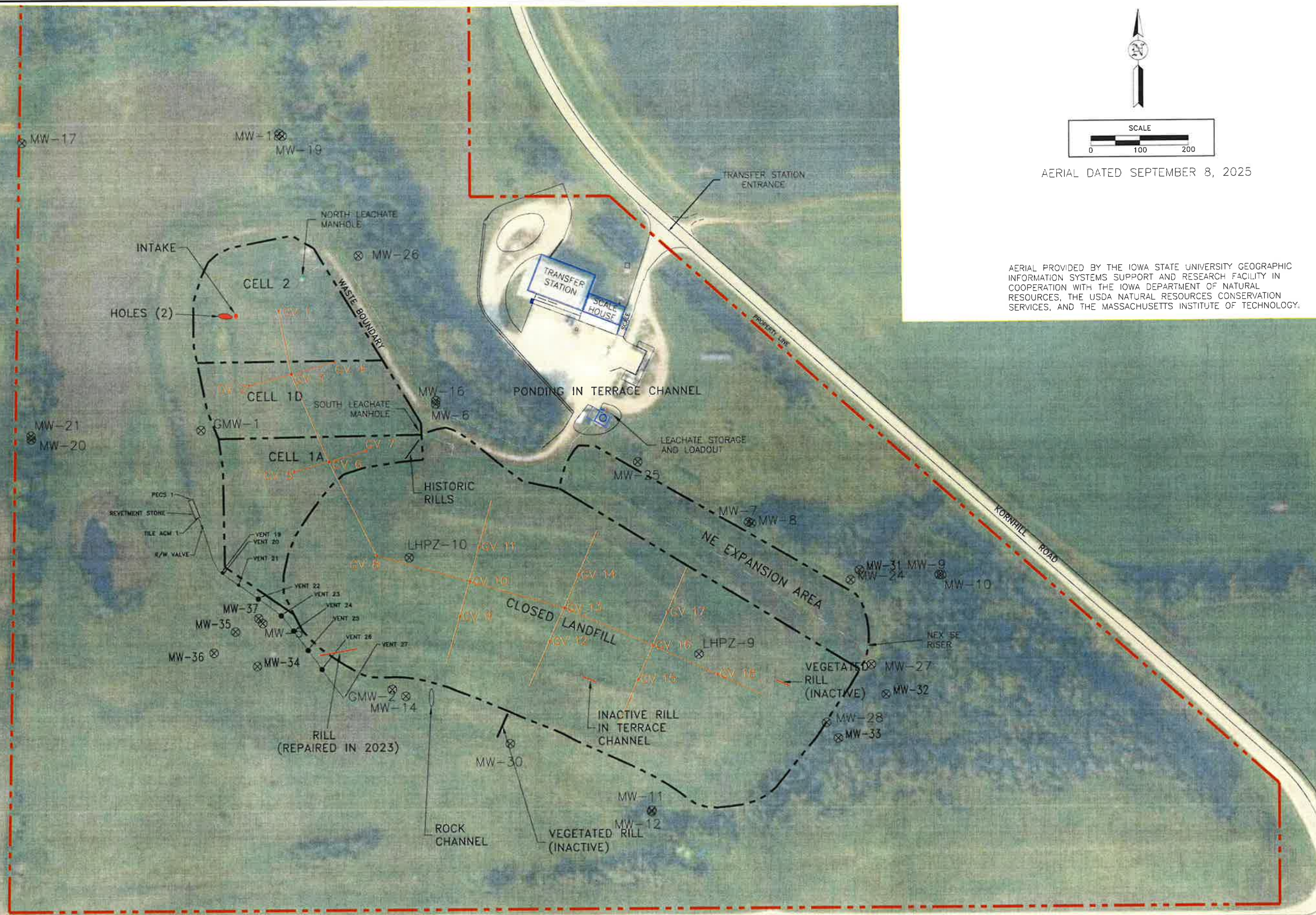
Recommendations

1. Repair the two (2) voids below the terrace intake in the northwest corner of the site.
2. Continue to monitor all repaired areas and reseed if needed.
3. Continue to monitor the inactive rills for signs of instability.
4. Continue to monitor vegetation and erosion and repair as necessary.
5. Continue tree removal as needed.
6. Continue to monitor diversion and drainage systems and repair as necessary.



cc: Jeff Bunn, Chair, Fayette County Solid Waste Management Commission (electronic copy)
Joan Swenka, Administrator, Fayette County Solid Waste Management Commission (electronic copy)

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FIGURE: 1

SPRING 2026 INSPECTION

FAYETTE COUNTY SANITARY LANDFILL
FAYETTE, IOWA

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REVISION	NO.	DATE
DRAWN DRA/JCH	PROJECT NO. 6041-24A	DATE 4/02/26