

April 15, 2026

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



**RE: SEMI-ANNUAL INSPECTION – SPRING 2026
JONES COUNTY SANITARY LANDFILL
IDNR PERMIT #53-SDP-01-76C - CLOSED
HLW PN 6038**

Dear Mr. Davison:

In accordance with Special Provision X.6 of the SDP Permit dated September 4, 2008, a semi-annual inspection of the Jones County SLF was conducted on the morning of April 8, 2026. The results of the inspection were discussed with Mr. Andy Jamison, Director, Jones County Solid Waste Management Commission. Conditions at the time of the inspection were sunny and windy with temperatures in the upper 50's.

Status of the Permit

The Closure Permit was issued on September 4, 2008 (expires September 4, 2038). The facility has received the following amendments to the Permit to date:

- Permit Amendment #1, November 17, 2011, incorporates the Landfill Closure Compliance Report (December 29, 2008 – Doc #35359) and the Landfill Closure Compliance Comments (November 2, 2011 – Doc #67467) into the permit documents.
- Permit Amendment #2, August 28, 2012, approved the variance and changes to the HMSP to conduct groundwater monitoring in accordance with IAC 567-113.10(4) and 113.10(5). Updated Special Provision X.5 of the SDP Permit.
- Unnumbered Permit Amendment, May 22, 2013, eliminated the requirement to submit a Semiannual Water Quality Report.
- Unnumbered Permit Amendment, July 10, 2014, required a review of total suspended solids (TSS) and turbidity testing. Sampling procedures have been modified to address this amendment, and a letter discussing TSS and field turbidity measurements was submitted to IDNR on August 18, 2015 (Doc #84119). The TSS/field turbidity correlation in the submittal was approved by IDNR on September 16, 2016.
- Permit Amendment #3, June 4, 2015, approved the five (5) year frequency of full Appendix II Assessment Monitoring at wells where two (2) consecutive annual episodes have been completed.
- Revised Permit #1, September 29, 2017, approved modifications to the gas monitoring plan including incorporating gas probe installation documentation for GP-1, GP-2, GP-3, and GP-4 into the permit. Also incorporated Permit Amendments #1, #2, and #3 into the permit.
- Revised Permit #2, July 30, 2018, approved changing the frequency of methane monitoring to semi-annually.
- Revised Permit #3, September 28, 2018, revised the permit to require the use of IDNR's standard Annual Water Quality Report template.

- Revised Permit #4, August 14, 2020, revised the permit to incorporate the IDNR approval of the Corrective Action Plan and the associated Corrective Action Monitoring Program.
- Revised Permit #5, May 13, 2021, revised the permit to incorporate the IDNR approval of the “Construction Certification, Gas Vent Trench Installation” dated May 7, 2021 (Doc #100434) and to update the gas vent monitoring component of the Corrective Action Monitoring Program.
- Revised Permit #6, April 13, 2022, approved changing the frequency of leachate elevation measurements from quarterly to semi-annually. Revised Special Provision X.12.c.
- Revised Permit #7, October 4, 2024, modified the Hydrologic Monitoring System Plan due to the completion of the Corrective Action.

Special Provisions

1. The thirty-year post closure period began on September 4, 2008.
2. The closed landfill is being maintained in general accordance with the approved Closure and Post Closure Plan.
3. There are no waste disposal or related activities taking place on the closed landfill.
4. The closure documentation required by this special provision was incorporated into the Closure Permit in Revised Permit #1 dated September 29, 2017.
5. Water quality monitoring is being completed in accordance with Permit Revision #7.

All monitoring wells viewed during this inspection were locked.

6. Formal inspections of the closed landfill are completed semi-annually, with a report submitted to IDNR.
7. The diversion and drainage systems are maintained and are in good condition.
8. The site is mowed and reseeded as necessary to maintain good vegetative cover. The site was mowed in 2025.

The majority of the vegetation on the cap is in excellent condition with only a few thin spots noted in the areas shown on the attached figure. The trees noted on the terraces during past inspections were previously removed although some saplings are starting to resprout from the cut stumps, especially on the lowest terrace in the southeast corner of the landfill.

9. The final cover is being maintained and is in generally good condition.
10. Semi-annual methane gas monitoring is conducted and includes Gas Probes 1, 2, 3, and 4, headspace monitoring in MW-6 and MW-11, and Gas Vents E1 through E6 and W1 through W6. Methane gas monitoring results will be included in the Annual Water Quality Report.
11. Based on a risk assessment, the closed landfill does not require a leachate control plan.

12. Leachate collection piping was installed in 1994 and 1998 to intercept various leachate seeps. The leachate is pumped to two underground leachate storage tanks. Collected leachate is hauled to the Cedar Rapids WPCF for treatment/disposal.
13. The site has closed since the ERRAP was completed; however, the majority of the ERRAP is still applicable to the closed landfill.

Annual Water Quality Report

The 2025 Annual Water Quality Report (AWQR) for the Jones County Sanitary Landfill was submitted to IDNR on January 30, 2026 (Doc #115957). No response has been received to date.

A request to modify the Hydrologic Monitoring System Plan (HMSP) to reclassify MW-11 as a background monitoring well was submitted to IDNR on February 2, 2026 (Doc #115992). IDNR approved the request on February 11, 2026.

The Assessment of Corrective Measures (ACM) Report was submitted to IDNR on December 2, 2019 (Doc #96470) and approved in the IDNR letter dated May 5, 2020. The selected remedy from the ACM chosen by the Commission (Targeted Vent Trenches coupled with a natural attenuation zone) was conveyed to IDNR in the submittal dated July 9, 2020 (Doc #98050). The submittal also included the Corrective Action Plan (CAP) and the associated Corrective Action Monitoring Program (CAMP). The selected remedy, CAP, and CAMP were approved by IDNR in Revised Permit #4 dated August 14, 2020. Installation of the vent trenches was completed in 2021 and was documented in the "Construction Certification, Gas Vent Trench Installation" dated May 7, 2021 (Doc #100434). The documentation was approved by IDNR in Revised Permit #5 dated May 13, 2021. Permit Revision #7 recognizes that the corrective action has been completed.

Financial Assurance

The Jones County Solid Waste Management Commission received a deadline extension for the 2026 Financial Assurance documentation to July 31, 2026 (Doc #116808).

Additional Comments

The leachate storage/loadout system appeared to be in working order and no apparent issues were noted. There were no wet areas around the manways. No wet areas were noted in the driveway areas.

Observation of the leachate pump station on the east side of the site and area surrounding the leachate pump station did not indicate wet areas or evidence of overflow.

The leachate lines were cleaned in the summer of 2023. As per IDNR regulations leachate lines should be cleaned every 3 years (2026).

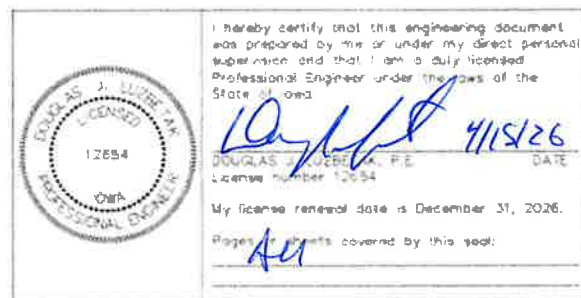
Two leachate seeps were noted in the northeast corner of the landfill above the seepage collection piping during the Spring, 2024 inspection (see attached figure). These areas were observed during this inspection. The ground surface in the upper seep area was slightly moist with no wet, ponded, or flowing leachate observed. The ground surface in the lower seep area was wet, with minor amounts of standing water. No flow was observed from the lower seep. There was minor evidence of wildlife

activity in the areas. These areas should be monitored during future inspections to determine whether the areas are improving or deteriorating.

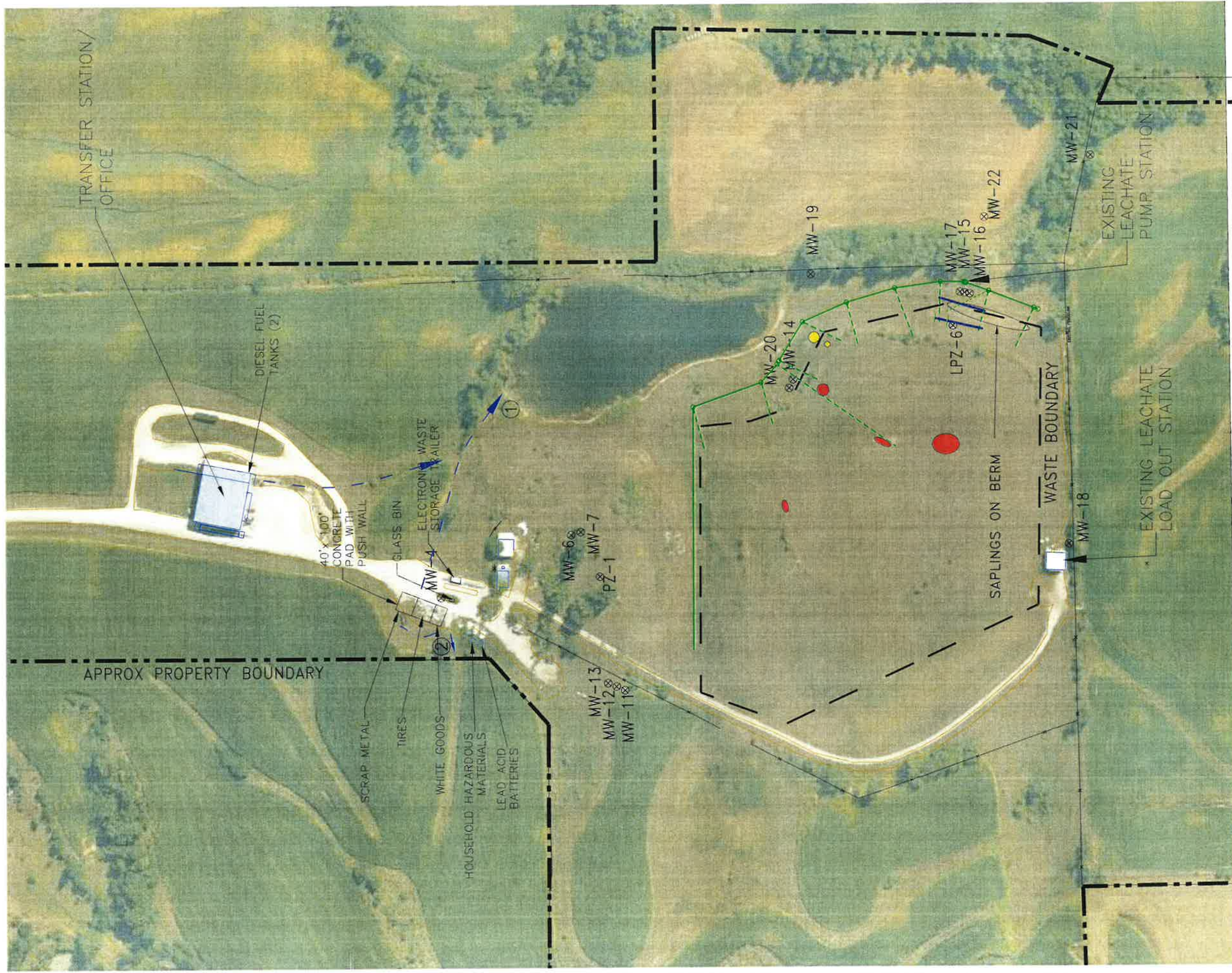
This report is based on observations made at the site at the time of the inspection and the information sources referenced in the report. This report does not reflect typical variations experienced at the site throughout the year or variations in conditions that may be observed at the site at other times.

Recommendations

1. Continue to monitor the leachate seep areas in the northeast corner of the site to determine whether they are improving.
2. Clean the leachate lines.
3. Continue to monitor the areas with bare/stressed vegetation on the cap.
4. Continue mowing of the cap and tree removal from the cap and terraces.
5. Monitor the areas of terrace disturbance caused by tree removal for signs of erosion.
6. Continue to monitor vegetation and erosion and repair as necessary.
7. Continue to monitor diversion and drainage systems and repair as necessary.



cc: Andy Jamison, Director, Jones County Solid Waste Management Commission (electronic copy)



TRANSFER STATION/
OFFICE

DIESEL FUEL
TANKS (2)

40' x 100'
CONCRETE
PAD WITH
PUSH WALL

GLASS BIN

ELECTRONIC WASTE
STORAGE TRAILER

SCRAP METAL

TIRES

WHITE GOODS

HOUSEHOLD HAZARDOUS
MATERIALS

LEAD ACID
BATTERIES

MW-6

MW-7

PZ-1

MW-13

MW-12

MW-11

MW-20

MW-14

MW-17

MW-15

MW-16

SAPPLINGS ON BERM

WASTE BOUNDARY

MW-18

EXISTING
LEACHATE
PUMP STATION

EXISTING LEACHATE
LOAD OUT STATION

LEGEND

| | |
|--|-----------------------------------|
| | PROPERTY BOUNDARY |
| | WASTE BOUNDARY |
| | EXISTING LEACHATE CONVEYANCE PIPE |
| | EXISTING LEACHATE COLLECTION PIPE |
| | EXISTING 10' CONTOUR |
| | EXISTING 2' CONTOUR |
| | PROPOSED VENT TRENCH |
| | SILT FENCE (NEW) |

BARE/STRESSED VEGETATION AREA

SEEPS



AERIAL PROVIDED BY THE IOWA STATE UNIVERSITY GEOGRAPHIC INFORMATION SYSTEMS SUPPORT AND RESEARCH FACILITY IN COOPERATION WITH THE IOWA DEPARTMENT OF NATURAL RESOURCES, THE USDA NATURAL RESOURCES CONSERVATION SERVICES, AND THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

AERIAL DATED SEPTEMBER 1, 2023



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SPRING 2026 INSPECTION

JONES COUNTY SANITARY LANDFILL
JONES COUNTY, IOWA

FIGURE: 1

| | | |
|----------|-----|----------------------|
| REVISION | No. | DATE |
| DRAWN | JGH | PROJECT NO. 6038-25A |
| | | DATE 4/15/26 |

