

May 13, 2024

Mr. Mike Smith, EES
Iowa Department of Natural Resources
Solid Waste Section
Wallace State Office Building
502 East 9th Street
Des Moines, IA 50319

RE: Spring 2024 Biennial Inspection Report; Franklin County Sanitary Landfill;
Permit #35-SDP-01-76C; MER #9044

Dear Mr. Smith,

Enclosed is the certified Biennial Spring 2024 Inspection Report for the above facility. Weather conditions were partly cloudy skies and a temperature of $\pm 67^{\circ}\text{F}$. Site conditions were damp to wet due to recent rains during this visit.

A joint inspection was completed of the site on May 10, 2024 by Jay Waddingham (Franklin Co. Engineer) and Dave Minikis (MER Engineering). The site was found to be in excellent condition. There was no erosion or settlement noted over the entire site. Grass vegetation was lush, green, and growing. There were no woody / deep rooted plants noted in the cap over buried solid waste during this visit. There were no leachate seeps or stained soils noted during this visit. There was no leachate seepage noted near SW-1 or SW-3. There were no low or settled areas noted over the capped landfill. There was no runoff ponding or evidence of ponding noted during this site visit.

Two points of interest were noted during this inspection. There was no new willow growth noted in the area reported in the 2022 inspection. There was no new vector (rodent) activity noted over any of the capped solid waste. There was one small area where new rodent activity was noted to the south of the site boundary. This rodent activity was located south of the west waste pile. The rodent activity location is shown on the current site inspection plat.

Franklin County will continue to monitor for deep rooted or woody plants. Franklin County will continue monitor and treat the site to eradicate the rodent problem. Franklin County will continue to monitor the site periodically and repair / eliminate any problems as they occur.

Please call if you have any questions or if additional information is needed.

Respectfully submitted on behalf of Franklin County,



Eldon F. Rossow, P.E.
Facility Advisor

RECEIVED

MAY 16 2024

Enclosures

cc Mr. Jay Waddingham, P.E., Franklin County Engineer
IDNR Region 2



East View of East Waste Pile – May 10, 2024



East View of East Waste Pile – May 10, 2024



View of West Waste Pile Looking North Towards the Let Down Structure – May 10, 2024



View of West Waste Pile Looking East Towards the Let Down Structure – May 10, 2024

ENVIRONMENTAL COVENANT


BIENNIAL INSPECTION REPORT - SPRING 2024

FOR THE

CLOSED FRANKLIN COUNTY SANITARY LANDFILL

PERMIT #35-SDP-01-76C;

MER# 9044

	<p>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.</p>
	<p><u>Eldon F. Rossow</u> <u>5-13-24</u> ELDON F. ROSSOW (DATE)</p> <p>LICENSE NUMBER <u>7484</u></p> <p>MY LICENSE RENEWAL DATE IS DECEMBER 31, <u>2025</u></p> <p>PAGES OR SHEETS COVERED BY THIS SEAL: <u>All</u></p> <p>_____ _____ _____</p>

BIENNIAL INSPECTION REPORT – SPRING 2024
FOR THE
CLOSED FRANKLIN COUNTY SANITARY LANDFILL
PERMIT #35-SDP-1-76C; MER #9044

Attached is the biennial Inspection checklist for the above facility.

Jay Waddingham, Franklin County Engineer, and MER Engineering completed a joint site inspection on May 10, 2024 and found to be in good condition, well secured, and maintained. Surface conditions were noted to be damp to wet due to recent rains during this visit.

Activity and Use Limitations

There was no exposed solid waste noted during this inspection. There are no residences, drinking water wells, or livestock grazing allowed within the closed Franklin County Boundaries. There has been no excavation completed at this closed facility.

Cap Integrity & Vegetation

The site was inspected for settlement (low areas), erosion, sparse vegetation, noxious weeds, woody plants, and vector activity. There was no evidence of settlement or low areas that could allow for ponding of storm runoff noted during this site visit. There was no ponding noted during this inspection. The grass vegetation was plush, green, and growing. The site is mowed at least once annually. There were no noxious weeds noted over the entire site. There were no trees or woody plants noted during this visit. There was no vector (rodent) activity noted anywhere over buried sold waste. There was on area where new rodent activity was noted to the south of the western most waste pile. This activity is south of the site boundary. Franklin County has been and will continue to treat for this activity using their gopher plow and poison.

Facilities / Site Security

The gated entrance was locked and secure upon arrival. Access to the landfill property is limited to county personnel, law enforcement, and gun club members. All perimeter fencing was found to be in good shape during this inspection. There was no liter or debris noted at the site. There was no leachate seeps noted during this site visit.

Attachments:

- Site Plat
- Inspection Checklist

BIENNIAL LANDFILL INSPECTION CHECKLIST

FACILITY: Franklin County Sanitary Landfill/Permit #35-SDP-1-76C; MER #9044

INSPECTOR (NAME): MER Engineering, Inc. – D.M.

DATE: May 10, 2024 / 11:00 A.M.

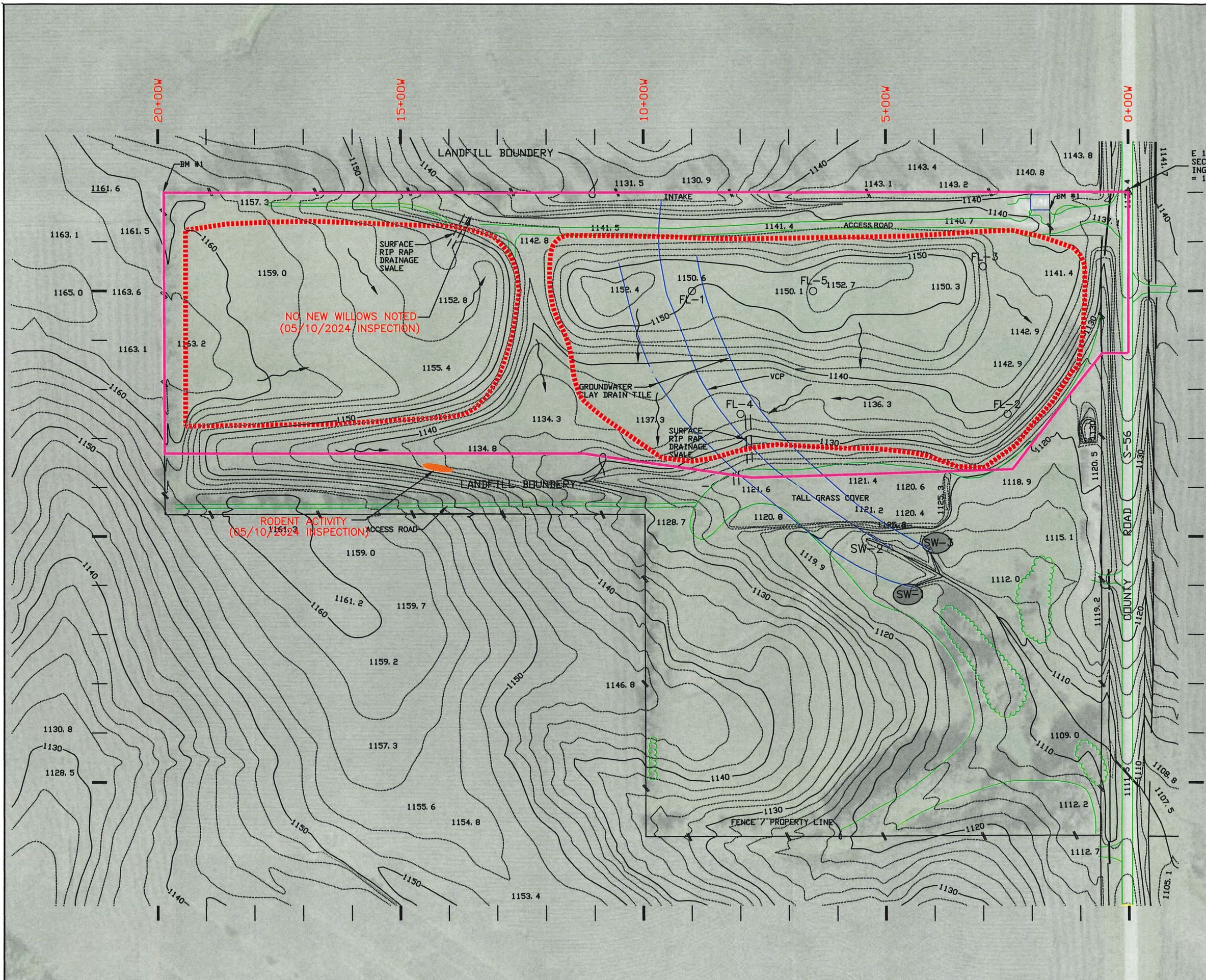
WEATHER CONDITIONS: Partly Cloudy / ± 67°F

Check each item as observed. Plot general location of any noted deficiency on the attached site plat. Provide comments and explanation for each deficient condition.

ITEM	CONDITION (ADEQUATE/INADEQUATE OR YES/NO)
1. ACTIVITY AND USE LIMITATIONS	
a. Excavations Greater Than 2 Feet Deep	<u>None</u>
b. Exposed Solid Waste	<u>None</u>
c. Drinking Water Wells on Property	<u>None</u>
d. Residences With-in the Landfill Boundary	<u>None</u>
e. Livestock / Grazing With-in Landfill Boundary	<u>None</u>
2. CAP INTEGRITY & VEGETATION	
a. Ponding/low areas	<u>None</u>
b. Erosion (deeper than 6")	<u>None</u>
c. Area(s) of sparse or no vegetation	<u>None</u>
d. Noxious weeds	<u>None</u>
e. Plant discoloration	<u>None</u>
f. Woody plants (bushes/trees)	<u>None</u>
g. Vectors (Rodent) Activity	<u>(See Comments)</u>
3. FACILITIES/SITE SECURITY	
a. Fencing (intact/integrity)	<u>In Place</u>
b. Signs (in-place/integrity)	<u>In Place</u>
c. Gate (locked)	<u>Locked</u>
4. LEACHATE SEEPS OR STAINED GROUND	<u>None</u>
5. MONITORING WELLS	<u>Removed in 2020</u>
6. LIST ANY ADDITIONAL ITEMS WHICH WERE IMPLEMENTED FROM LAST REPORT:	
Continue to monitor and treat for rodent problems when needed.	

COMMENTS:

2g – Rodent activity was noted to the south of the buried waste pile boundary. There was no rodent activity noted over buried solid waste. (See the Inspection Plat for location of current activity)



NO NEW WILLOWS NOTED
(05/10/2024 INSPECTION)

RODENT ACTIVITY
(05/10/2024 INSPECTION)



BENCH MARKS

BM #1 NAIL IN LAMP POLE AT SE CORNER OF ENTRANCE SHED ELEV. 1140.32
 BM #2 NAIL IN CORNER POST AT NW CORNER OF LANDFILL SITE ELEV. 1161.00
 (FIELD BOOKS #41, 57, 68)

LEGEND

- SURFACE WATER MONITORING POINT SW-1
- PROPERTY BOUNDARY (FENCE LINE) ---
- SOLID WASTE LIMITS (APPROX.) - - - - -
- VEGETATION (Green dashed line)
- SURFACE DRAINAGE (Blue dashed line)
- PLUGGED / ABANDONED SURFACE WATER MONITORING LOCATION (SW in circle)
- LANDFILL PROPERTY BOUNDARY (2020) (Pink dashed line)

E 1/4 CORNER SEC. 8-92-19 INGHAM TWP. = 17+00N, 0+00W

PROJECT NO:	9044
DESIGNED:	D.A.M.
CHECKED:	E.F.R.
DATE:	04/22
SHEET:	1

TOPOGRAPHIC SURVEY
 DATA COMPILED BY ASI 08-18-95
 CONTOUR INTERVAL 2 FEET
 MSL DATUM

**SITE PLAT - 2024 BIENNIAL INSPECTION
 FRANKLIN COUNTY SANITARY LANDFILL**

MBR ENGINEERING, INC.
 ENGINEERING, ARCHITECTURE AND SURVEYING
 109 ARCADE WEST COURT
 POST RIDGE, IOWA
 (515) 965-8855

