FAYETTE COUNTY SOLID WASTE TRANSFER STATION

IDNR PERMIT #33-SDP-07-09P XFR

2024 TRANSFER STATION PERMIT RENEWAL

Fayette County, Iowa

2024

HLW Engineering Group, LLC
204 West Broad Street, PO Box 314
Story City, Iowa 50248
(515) 733-4144

HLW Project Number 6041-24A

EXECUTIVE SUMMARY

Summary of Modifications to the approved Plans and Specifications:

A completed IDNR Permit Application Form 50B is included as Appendix A.

A general site map was included in Attachment A of the Emergency Response and Remedial Action Plan in the 2015 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #84583). The information in the Site Map is still applicable.

Proof of Ownership was included in the 2015 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #84583). The Proof of Ownership information is still applicable.

An updated Organizational Chart is included in Appendix B.

Since the facility is permitted for less than 20,000 tons per year, operator certification is not required.

A current IDALS Scale certificate is included in Appendix C.

A Site Design Plan, including plans for the transfer station building, was included in the 2012 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #74701). The majority of the information in the Site Design Plan is still applicable so a revised Site Design Plan is not being submitted as a part of this permit renewal documentation. The only significant change is the addition of the new leachate storage tank in 2013 – the addition of the new leachate storage tank did not change operations at the transfer station.

A Site Operation Plan was included in the 2015 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #84583). The information in the Site Operation Plan is still applicable so a revised Site Operation Plan is not being submitted as a part of this permit renewal documentation.

An Emergency Response and Remedial Action Plan (ERRAP) was included in the 2015 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #84583). The information in the ERRAP is still applicable so a revised ERRAP is not being submitted as a part of this permit renewal documentation. The ERRAP should be updated to reflect the change in chair of the Commission at a minimum but pen and ink changes can be made to the document.

A Site Closure Plan was included in the 2015 Permit Renewal Application for the Fayette County Solid Waste Transfer Station (Doc #84583). The information in the Site Closure Plan is still applicable so a revised Site Closure Plan is not being submitted as a part of this permit renewal documentation.

A current Closure Cost Estimate is included in Appendix D. A balance sheet from the Fayette County Solid Waste Management Commission showing the balance of the Transfer Station Closure Fund as of September 30, 2024 is also included in Appendix D. The information in the appendix shows that the amount reserved for closure of the transfer station is greater than the estimated closure cost of the transfer station which satisfies the financial assurance requirements

in IAC 567-106. A Financial Assurance Resolution was adopted in 2019 designating the Fayette County Solid Waste Transfer Station Closure Fund as the financial assurance instrument for the transfer station. A copy of this resolution is also included in Appendix D.

Summary of each Special Provision of the existing SDP Permit:

1. The Transfer Station participates in the Iowa Northland Regional Council of Governments (INRCOG) Comprehensive Plan. The 8th Round Comprehensive Plan Update was approved by IDNR on October 25, 2022.

2. No changes.

Summary of each Permit Amendment:

No amendments to the current SDP Permit (dated January 25, 2022) have been issued.

Summary of new Permit Amendment Requests:

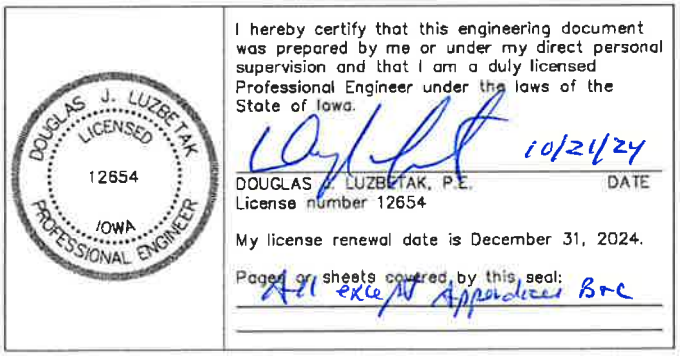
None at this time.

Summary of Equivalency Review Requests:

None at this time.

Summary of new Variance Requests:

None at this time.



APPENDIX A

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION

PERMIT APPLICATION FORM 50B

☐ **New Permit**

☒ **Permit Renewal (permit number)** **33** **-SDP-** **07** **- 09** **XFR**

SECTION 1. FACILITY CONTACT INFORMATION

Facility

Name: Fayette County Solid Waste Transfer Station Phone: 563-425-3037

Address: 10275 Kornhill Road City, State, Zip: Fayette, IA 52142

County: Fayette

Responsible Official for the Facility

Name: Jeff Bunn Phone: 563-425-3037

Address: 14299 190th Street Fax: 563-425-4155

City, State, Zip: Fayette, IA 52142 E-mail: jbunn@co.fayette.ia.us

Owner of Site

Name: Fayette County Solid Waste Management Commission Phone: 563-425-3037

Address: 10275 Kornhill Road Fax: 563-425-4155

City, State, Zip: Fayette, IA 52142 E-mail: joans@iowatelecom.net

Facility Operator

Name: Joan Swenka Phone: 563-425-3037

Address: 10275 Kornhill Road Fax: 563-425-4155

City, State, Zip: Fayette, IA 52142 E-mail: joans@iowatelecom.net

Financial Assurance Engineer

Name: Douglas J. Luzbetak, P.E. Phone: 515-733-4144

Address: 204 W. Broad, PO Box 314 Fax: 515-733-4146

City, State, Zip: Story City, IA 50248 E-mail: dluzbetak@hlwengineering.com

Iowa Engineer License #: 12654 Expiration Date: 12/31/24

SECTION 2. SITE INFORMATION

☒ **This facility is part of the following solid waste comprehensive planning area:**

Planning Area: INRCOG Date of Last Approved Plan: October 25, 2022

☐ **This facility does not participate in a planning area within the state of Iowa other than its own.**

*A solid waste comprehensive plan must be developed and approved by the department prior to issuance of a sanitary disposal project permit. Please contact the department's Solid Waste Comprehensive Planning staff at (515) 725-8319 for instructions and requirements for completing a comprehensive plan.

Days and hours of operation of the facility: M-F: 8:00 AM to 3:00 PM
2nd Saturday of each month: 8:00 AM to 11:00 AM

Open to the public? ☒ Yes ☐ No

Service area of the facility and final disposal destination (*include unincorporated areas and out of state cities*):

Service Area: All cities and the unincorporated area in Fayette County, Iowa

Disposal Facility: Black Hawk County Sanitary Landfill

Type, source and expected weight (tons) of solid waste to be handled per day, week and year at the facility:

per day 40

per week 200

per year 10,400

Description of the waste handling process to be used (*e.g., individuals unload trash into one of 3 roll-offs on site. Roll-offs are removed when full and replaced with empties.*):

Customers unload waste onto the tipping floor. Transfer station personnel load solid waste into an open topped trailer using an end loader. The trailer is tarped and hauled to the Black Hawk County Sanitary Landfill for disposal.

Check all other materials accepted/activities at the facility:

- ☒ Recyclables drop-off - glass, paper, plastic, metal
- ☒ Lead Acid Batteries
- ☒ Used Oil
- ☒ Antifreeze
- ☒ White Goods Collection
- ☒ Tires
- ☒ Electronics Collection (including Cathode Ray Tubes)
- ☒ Scrap Metal Salvaging
- ☐ Appliance Demanufacturing
- ☐ Electronics Demanufacturing
- ☐ Yard Waste Composting
- ☐ Yard Waste Collection
- ☐ HHM/RCC
- ☐ Other _____

SECTION 3. PERMIT APPLICATION CHECKLIST

Checking the appropriate boxes below certifies that the documents submitted in conjunction with this application form are complete and in compliance with the applicable chapters of the Iowa Administrative Code. While some of the documents below may have been submitted previously, updated copies of each is required to be provided with each permit renewal application, unless a prior document remains current and is identified by Doc ID # below. If an application is found by the department to be incomplete, it may be denied and returned to the applicant.

Required Documents

☒ **Section A. Executive Summary (permit renewals only)**

- Summary of modifications, if any, to the facility that occurred during the current permit cycle.
- Summary of each special provision of the current permit to determine if it is to remain the same, be revised or be removed.
- Summary of each permit amendment, if any, that occurred during the current permit cycle to determine if it shall be included with the renewed permit, be revised or be removed.
- Provide documentation and certification as required for new permit amendment requests and new waiver requests from Iowa Administrative Code, if any.

☐ **Section B. Site Map or Aerial Photograph (IAC 567 106.8(1)"c")**

No Revision Required - See Doc ID#: 84583

☐ **Section C. Proof of Ownership/Local Zoning Requirements (IAC 567 106.8(1)"d")**

No Revision Required - See Doc ID#: 84583

☒ **Section D. Organizational Chart (IAC 567 106.8(1)"i")**

No Revision Required - See Doc ID#: _____

☐ **Section E. Operator Certification (if permitted for 20,000 tons or more per year) (IAC 567 106.11(1)"d")**

No Revision Required - See Doc ID#: _____

☒ **Section F. IDALS Scale Certificate (IAC 567 106.10(2)"b")**

☐ **Section G. Site Design Plan (IAC 567 106.8(1)"j")**

No Revision Required - See Doc ID#: 74701

☐ **Section H. Site Operation Plan (IAC 567 106.8(1)"k")**

No Revision Required - See Doc ID#: 84583

☐ **Section I. Emergency Response and Remedial Action Plan (IAC 567 106.8(1)"m")**

No Revision Required - See Doc ID#: 84583

☐ **Section J. Site Closure Plan (IAC 567 106.8(1)"l")**

No Revision Required - See Doc ID#: 84583

☒ **Section K. Proof of Financial Assurance (IAC 567 106.18)**

SECTION 4. APPLICANT CERTIFICATION

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I further certify that the construction and operation of the above described facility will be in accordance with the plans, specifications, reports and related communications accepted by the Iowa Department of Natural Resources and on file in its office; and in accordance with conditions imposed in the permit issued by the Iowa Department of Natural Resources.

Signature of Permit Applicant: _____ **Date:** Oct. 21, 2024

Printed Name: Jeff Bunn **Title:** Chairman

Application for a solid waste transfer station must be accompanied by the plans, specifications and additional information required by the applicable solid waste rules under Iowa Administrative Code 567 Chapter 106.

Send completed application with attached information to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
502 E 9th St
Des Moines, IA 50319-0034

For questions concerning this application please contact the Department at (515) 201-8272.

APPENDIX B

Fayette County Solid Waste Transfer Station

Organization Chart

October, 2024

Fayette County Solid Waste Management Commission (28E organization)

Jeff Bunn, Chair

Joan Swenka, Administrator

APPENDIX C

POST IN CONSPICUOUS PLACE

NONTRANSFERABLE

STATE OF IOWA

DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP

License No. 5312

DES MOINES

SCALE LICENSE

FAYETTE CO SOLID WASTE MGMT
10275 KORNHILL ROAD
FAYETTE IA 52142

SCALE LOCATION
FAYETTE COUNTY SANITARY L/F
10275 KORNHILL ROAD
FAYETTE IA 52142

IS GRANTED THE ABOVE LICENSE PURSUANT TO SECTIONS 214, CODE OF IOWA. THIS LICENSE SHALL REMAIN IN FULL FORCE FROM THE DATE OF ISSUE UNTIL ITS EXPIRATION DATE, UNLESS REVOKED OR SUSPENDED FOR CAUSE BY THE SECRETARY OF AGRICULTURE FOR NONCOMPLIANCE WITH CHAPTER 214, CODE OF IOWA OR RULES ADOPTED PURSUANT THERETO.

DATE OF ISSUE 8/16/2023

EXPIRATION DATE
12/31/2024

This license is non-transferable and non-refundable

Mike Naig

SECRETARY OF AGRICULTURE

TYPE OF DEVICE --- NUMBER	
0 THRU 500 LBS	0
501 THRU 5000 LBS	0
5001 THRU 50000 LBS	0
50001 THRU 120000 LBS	1
OVER 120000 LBS	0
MOISTURE METERS	0
COUNTY	33

APPENDIX D

FAYETTE COUNTY SOLID WASTE TRANSFER STATION

IDNR PERMIT NUMBER 33-SDP-07-09-XFR

CLOSURE COST ESTIMATE

2024

Authority

The following calculations are based on IAC Chapter 567-106.18, Citizen convenience center and transfer station financial assurance.

Closure Cost Estimate

The closure costs are to be estimated based on the activities listed in IAC Chapter 567-106.18(4).

IAC 106.18(4)a Third party labor and transportation costs and total tip fees to properly dispose of all solid waste and litter equal to twice the maximum storage capacity of the facility. Include waste stored on site in transportation vehicles or waste receptacles.

Estimated maximum solid waste storage capacity within the transfer station based on past closure cost estimates is approximately 270 tons. There are two trailers available that are used for hauling waste to the Black Hawk County Sanitary Landfill for disposal. Each trailer has a capacity of approximately 20 tons. Therefore, the amount of waste required to be considered in the closure cost estimate in accordance with IAC 106.18(4)a is:

(270 tons *2) + 40 tons (trailers) = 580 tons

Cost for disposal (including hauling) for this analysis is $77/ton. Therefore, cost for waste disposal is:

(580 tons * $77/ton) = $44,660	$44,660

Cost should be included for disposal of stockpiled recyclable material. Some of the recyclables accepted at the Fayette County Solid Waste Transfer Station are removed from the site at no charge. Assume a conservative estimate of the cost to remove accumulated recyclable material is approximately $1,500 total.

Total cost of disposal	
Solid Waste	$44,660
Recyclables	$1,500
	$46,160

106.18(4)b The cost of hiring a third party to properly clean and decontaminate all equipment, storage facilities, holding areas, and drainage collection systems.

Assume it takes a two person crew 4 days to clean the transfer station building and equipment. Assume costs are $400/day ($50/hour) per person and that cost includes supplies and equipment. Therefore, cost is:

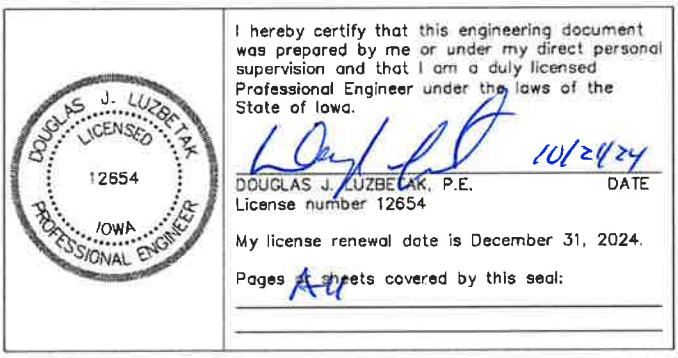
(2 people * $400/person/day * 4 days) = $3,200

Washwater is stored in the 1,500 gallon capacity underground storage tank. Water for cleaning will be from the site well. Assume that the cost of water used for cleaning and washwater disposal equals the cost to dispose of two volumes of the washwater storage tank (3,000 gallons). Current cost of leachate treatment is $0.0077/gallon and cost of leachate hauling is $0.07/gallon ($0.0777/gallon total).

(3,000 gallons * $0.0777/gallon) = $233.10 $240

Closure Costs

Waste and Recyclable Disposal	$46,160
Transfer station cleaning	$3,200
Disposal of two full tanks of washwater	$240
Total	$49,600



Sept. 2024 9/30/24

FAYETTE COUNTY SOLID WASTE MANAGEMENT
ACCOUNT LISING
##

ACCOUNT	DESCRIPTION	BALANCE TOTAL		
MM Deposit FNB WU	Money Market	$ 56,039.86		
First National Bank (Solid Waste)	Checking Account	$ 263,157.04		
First National Bank (Recycling)	Checking Account	$ 123,952.41		
First State Bank - Fayette	Savings Account	$ 8,352.80	Total for Checking/Saving and MM	$ 451,502.11
CD#10692 Elgin State Bank	5.65% matures 02/24/2025	$ 110,370.40		
CD#109164 Elgin Bank	4.7% matures 09/30/2025	$ 54,862.00		
CD#109165 Elgin Bank	4.7% matures 09/30/2025	$ 256,081.57	Total for Elgin	$ 421,313.97
CD#48865 Farmers State Arlington	4.85% matures 09/08/2025	$ 389,166.00		
CD# 47203 Farmers State Arlington	4.56% matures 01/05/2025	$ 282,096.32		
CD#47204 Farmers State Arlington	4.56% matures 01/05/2025	$ 226,919.52		
CD#47769 Farmers State Arlington	5.42% matures 10/16/2024	$ 392,864.44		
CD#47770 Farmers State Arlington	5.42% matures 10/16/2024	$ 395,384.68	Total for Arlington	$ 1,686,430.96
Total Landfill/Transfer Station committed CD's		**$ 2,107,744.93**		$ 2,107,744.93

**** Transfer Station
Post Closure figure for FY2024 $1,324,050.00

Total for CDS and Checking Savings and Money Market
$ 2,559,247.04

RESOLUTION NUMBER – 16

FAYETTE COUNTY SOLID WASTE MANAGEMENT COMMISSION APPROVING THE "FAYETTE COUNTY SOLID WASTE TRANSFER STATION CLOSURE FUND"

THE PURPOSE of this resolution is to approve the "Fayette County Solid Waste Transfer Station Closure Fund" as the financial assurance instrument for the Fayette County Solid Waste Transfer Station.

WHEREAS, Iowa Administrative Code 567 Chapter 106.18(1) requires proof of financial assurance coverage prior to the issuance or renewal of a solid waste transfer station permit; and

WHEREAS, Iowa Administrative Code 567 Chapter 106.18(2) requires proof of establishment of a financial assurance instrument for closure costs within 30 days of close of the first fiscal year that begins after July 17, 2002, or at the time of application for a permit for a new transfer station; and

WHEREAS, Iowa Administrative Code 567 Chapter 106.18(5) establishes the acceptable financial assurance instruments to be funded in an amount equal to the closure cost estimate prepared in accordance with subrule 106.18(4), and such shall not be canceled, revoked, disbursed, released, or allowed to terminate without the approval of the department.

WHEREAS, Iowa Administrative Code 567 Chapter 106.18(6) states the if the owner or operator does not properly close the site within the 30-day period allowed, the department shall file a claim with the financial assurance instrument provider to collect the amount of funds necessary to properly close the site.

IT IS HEREBY RESOLVED BY THE FAYETTE COUNTY SOLID WASTE MANAGEMENT COMMISSION (FCSWMC) to adopt the Fayette County Solid Waste Transfer Station Closure Fund as its financial assurance instrument and agrees to comply with the requirements of the closure fund as provided by rule 567—106.18(455B) of the Iowa Administrative Code.

MOVED BY Rod Marlatt to pass Resolution 16, and seconded by Janel Bradley

Ayes: Clermont, Elgin, Fayette, Hawkeye, Maynard, Oelwein, Wadena, Wauconia, Westfield, Fayette County, Rural

Nays: _____

This Resolution is passed by the **FCSWMC** on the 23 day of January, 2019.

Kelly P Beacom

Kelly Beacom, Chairperson